

108 年版 高雄市行政概況

OVERVIEW OF KAOHSIUNG CITY ADMINISTRATION 2019

高雄市行政概況

108 年版

高雄市政府



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Preface

The results of municipal administration in 2019 have been compiled into five major chapters according to the five directions of the blueprint for municipal development. The five chapters are titled Introduction, Political Development, Economic Development, Education and Culture, and Social Development. Brief textual descriptions are accompanied by statistical figures, charts and photos. All contents of this annual magazine are compiled and published in both Mandarin Chinese and English, providing reference for all sectors.

In addition to various natural resources, such as mountains, seas, rivers, ports, and other regional resources, Kaohsiung is bestowed with cultural pluralism and outstanding human resources, such as indigenous peoples, Han people, and new immigrants. Over the last year, apart from making ceaseless efforts for people to live and work in peace and contentment, I have spared no pain in cultivating sales channels, building a special tourism network featuring aesthetic medicine and local natural scenery, and attracting and matching investments to create job opportunities for the city to reduce unemployment rate to the lowest over the past eight years. Furthermore, I have made communities more livable and rural areas accessible for travel through a series of policies: urban sewing, road flattening, flood-prone area dredging, pollution reduction, and public taxi service.

Furthermore, I have encouraged birth, actively increased nurseries, and promoted “bilingual education” to develop the capacity for connection with the world in children, fulfill the citizen’s expectations, and enhance Kaohsiung’s global competitiveness.

Mayor **Chen Chi-Mai**
September 2020

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Our Achievements, Our Glory

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108 年度 我們的努力與榮耀

2019 Our Achievements, Our Glory

第 11 屆健康城市暨高齡友善城市獎項評選

The 11th Alliance of Healthy City And Age-Friendly Award Evaluation

營造一個蝶飛蜂舞、蚓菜共生的健康五感城市
Making a Healthy Five-Sense City with Eco-Balance Environment

原住民肝病防治的一道曙光
An Aboriginal Dawn of Liver Disease Prevention

交通無礙 服務有愛 拉近你我的距離
Accessible Transport: With Love, We Get Closer.

無障礙友善環境大家一起來
Let's Create Barrier-Free Environment Together

前進(金)樂齡新躍動
Advance (Golden) Senior New Leap

健康城市創新成果獎
Healthy City Creative Achievement Award

健康城市獎
Healthy City Award

健康平等獎
Health Equality Award

高齡友善環境優良獎
Age -Friendly environment Excellence Award

暢行獎
Travel Friendly Award

無礙獎
Age-Friendliness Award

高齡友善社區金質獎
Age - Friendly Community Gold Award

智慧城市創新應用獎

Intelligent City Government Innovation Application category

高雄市緊急救護雲端聯網
Emergency Rescue Networking, Kaohsiung City

高雄市都市偏鄉多元運具行動計畫
Remote regions Multiple Vehicles Action Plan, Kaohsiung City

智慧安全
Intelligent Security Award

智慧交通
Intelligent Traffic Award

2019 國家卓越建設獎

FIABCI-Taiwan Real Estate Excellence Award

李科永紀念圖書館
Kaohsiung Public Library LEE KO-YUNG Branch

鼓山國小校舍新建工程
Gushan Elementary School Building Construction

杉林區第四公墓暨納骨塔新設工程
Shanlin District, Fourth Cemetery and Columbarium Construction

三民區覆鼎金雙湖森林公園
The Fudingjin Shuanghu Forest Park in the Sanmin District

衛武營都會公園內共融遊戲場改善工程
The improvement project of the integrated playground in the Weiwuying Metropolitan Park

特別獎*1
Special Award*1

金質獎*3
Golden Quality Award*3

優質獎*5
Excellent Quality Award *5



高雄市仁武區大灣綜合活動中心新建工程

Kaohsiung City Renwu District Dawan General Activity Center Construction

高雄市濱海聯外道路開闢 (北段道路0K~2K+100)第1期工程

Kaohsiung City Coastal Access Road Construction (Northern Section 0K~2K+100) Phase 1

國道10號燕巢交流道延伸高46線銜接186甲道路第1期工程

National Highway No.10 Yanchao Interchange Extension Project for Kaohsiung Highway No.46 to Connect to City Highway 186A, Phase 1

2019 建築園冶獎

Yuan-Ye Award

高雄市李科永紀念圖書館

Kaohsiung Public Library LEE KO-YUNG Branch

公共建築景觀*3

Public Architectural Landscape *3

高雄市立圖書館旗山分館新建工程

Kaohsiung Public Library Cishan Branch Construction

壽山情人觀景台周邊人文再造空間工程

Spatial Reforming Project for Area Surrounding Shoushan's Love Terrace

高雄市楠梓區惠楠社區-巷弄文化~惠楠風情再現

Huinan Community- Lane Culture ~ Huinan Style Reappearance ,
Nanzi District, Kaohsiung City

社區文化景觀營造*2

Community cultural landscape
construction *2

高雄市大寮區江山社區-古厝文化

Jiangshan Community-Gucuo Culture, Daliao District, Kaohsiung City

公共工程金質獎

Public Construction Golden Quality Award

高雄市濱海聯外道路開闢 (北段道路0K~2K+100)第1期工程

Kaohsiung City Coastal Access Road Construction (Northern Section 0K~2K+100) Phase 1

土木類

Civil Engineering

公共工程金安獎

Public Construction Golden Safety Award

高雄市濱海聯外道路開闢 (北段道路0K~2K+100)第1期工程

Kaohsiung City Coastal Access Road Construction (Northern Section 0K~2K+100) Phase 1

金安獎

Golden Safety Award

2019 城市工程品質金質獎

2019 City Construction Golden Quality Award

高雄市立圖書館旗山分館新建工程

Kaohsiung Public Library Cishan Branch Construction

公共工程建築物類*5

Public Construction Building*5

高雄市李科永紀念圖書館室內裝修暨景觀工程

Kaohsiung Public Library LEE KO-YUNG Branch



無障礙之家北區分院興建工程－建築部分

Home for the Disabled North District Branch Construction – Buildings

杉林區第四公墓暨納骨塔新設工程

Shanlin District, Fourth Cemetery and Columbarium Construction

阿蓮區阿蓮國小南棟北一棟校舍拆除及新建工程

Alian District, Demolition and Construction School building of Alian Elementary School.

臨海工業區市管道路改善計畫(中山沿海路)第1期

The 1st phase of the improvement project of the city managing roads in the Linhai industrial district(the Zhongshan and Yanhai Road)

土木工程類*7
Civil Engineering*7

高雄市第93期市地重劃工程

Completed work of Phase-93 Urban Land Consolidation Zone

高雄市第87期市地重劃工程

Completed work of Phase-87 Urban Land Consolidation Zone

高雄市濱海聯外道路開闢工程

Kaohsiung City Coastal Access Road Construction

高雄市區鐵路地下化園道工程-優先施作路段

Kaohsiung City Railway Underground Project Park Lane Engineering - Priority Section

小港區南星路(岐山二路至鳳北路，北向)第3期改善工程

The 3rd phase of the the Nansing Road improvement project

楠梓區慈雲寺旁銜接82期重劃區道路開闢工程

Road Construction Nearby Ciyun Temple Connecting with Phase 82 Readjustment Zone in Nanzi District

興達港碼頭水岸環境及親水設施營造<第一期>

Xingda Port , Waterfront Environment and Hydrophilic Facilities Construction
(Phase 1)

水利工程類*1
Hydraulic engineering*1

衛武營都會公園內共融遊戲場改善工程

The improvement project of the integrated playground in the Weiwuying Metropolitan Park

公園景觀工程類*3
Park Landscape Engineering *3

小港區第89期重劃區少康營區公園開闢工程-公園景觀

The construction project of the 89th Rezoning Area (Shaokang Barrack Area)
Park in the Siaogang District- the park landscape

金獅湖風景區整建工程

Golden Lion Lake Scenic Area Reconstruction Project

工程優良獎

Construction Quality Award

海洋文化及流行音樂中心(第2期)

Maritime Cultural and Popular Music Center (Phase 2)

工程優良獎
Construction Quality Award

中華建築金石獎

Chinese Architectural Golden Stone Award

高雄市政府警察局鳳山分局重建

Kaohsiung City Police Department Fengshan Precinct Reconstruction

優良公共建設*3

Excellent Public Construction* 3

高雄市政府警察局鼓山分局辦公大樓重建工程

Kaohsiung City Police Department Gushan Precinct Office Building Reconstruction.

無障礙之家北區分院興建工程

Home for the Disabled North District Branch Construction

2019 第七屆台灣景觀大獎

2019 7th Taiwan Landscape Awards

崗山之眼園區興建工程

Siaogangshan Skywalk Park Construction Project

特殊主題類 佳作

Honourable Mention

「智慧運輸系統建設發展計畫」評鑑

“Smart Transport System Construction and Development Project” Evaluation

交通行動服務(MaaS)示範建置計畫

2018 MaaS Demo Program), MOTC

特優

Distinction

車路協同系統設計與實作計畫-以輕軌一階段沿線路口為例

2019 Intelligent Vehicle Infrastructure Cooperative Systems Design and Practice:
The Case of Road Junctions Along LRT Phase I

優等

Excellence

107-108 年重要濕地經營管理評鑑

2018-2019 Evaluation on Important Wetland Operation and Management

楠梓仙溪重要濕地經營管理

Nanzixian River Important Wetland Operation and Management

優等

Excellence

108 年 古蹟歷史建築紀念建築管理維護評鑑獎勵

2019 Historic Buildings and Memorial Buildings Management and Maintenance Evaluation

鳳儀書院管理維護評鑑獎勵計畫

Fongyi Academy Management and Maintenance Evaluation Award Program

優良獎

Outstanding Award

第 2 屆政府服務獎

The 2nd Government Service Award

高雄市政府地政局 -BEST 價給你掌握數據、價值永續

Best Price for You, Land Administration Bureau Kaohsiung City Government

專案規劃類

Project Planning group

高雄市六龜區衛生所

Liugui District Public Health Center, Kaohsiung City

整體服務類

Total Service category



第 20 屆醫療品質獎

20th HQIC Award

凱旋醫院專案-

Project to Kai-syuan psychiatric hospital-

銅牌獎

Bronze award

降低海洛因成癮治療個案尿液嗎啡篩檢陽性率

Reduce incidence of pneumonia in mental care nursing home

降低精神病房上呼吸道感染侵襲率

Reducing the Attack Rate of Upper Respiratory Infection in the Psychiatric Ward

潛力獎

Award of Potential

2019 健康照護品質改善成果發表競賽

2019 Healthcare Quality Improvement Outcomes Contest

高雄市立聯合醫院-提升急診急性冠心症個案60分鐘轉院完成率

Kaohsiung Municipal United Hospital-Improving Interhospital Transfer Time for Acute Myocardial Infarction Patients in 60 min

初階組 優品獎

Merit Award

高雄市立聯合醫院-降低術前訪視護理指導不完成率

Kaohsiung Municipal United Hospital-Reduction of Occurrence of Incomprehensive nursing intervention for preanesthetic visit

初階組 優品獎

Merit Award

性別平等創新獎

Gender equality Innovation Award

孕作幸福-新住民孕產婦跨文化身心健康精進計畫

New immigrant cross culture physical and mental health plan for pregnant women

創新獎

Innovation Award

2019 美國布蘭登霍爾集團卓越學習獎

2019 Brandon Hall Group Excellence Awards · U.S.A

數位課程：「EMIC輕鬆學-應變管理沒煩惱」

Digital Course: "Learn EMIC Easily for Effective Incident Management"

人力資源管理獎-最佳學習方案

銅牌獎

Human Resource Management Excellence Award - Best Results of a Learning Program
Bronze Medal Award

國際數位學習協會

International E-Learning Association ,IELA

數位課程：悠遊哈瑪星

Digital Course : Sauntering in Hamasen

國際數位課程獎-商業組優秀賞

International Digital Course Award -
Business Group Honorable Mention

全國圖書書目資訊網

NBINet Contribution Awards

108年度全國圖書書目資訊網/高雄市立圖書館
2019 National Bibliographic Information Network/Kaohsiung Public
Library

金量獎
Golden Volumes Award

金心獎
Golden Heart Award

閱讀磐石獎

The award for BEST reader

高雄市立圖書館燕巢分館－國民小學推動閱讀績優學校團體及
個人評選
Kaohsiung Public Library Yanchao Branch – Reading promoter group

閱讀推手 團體組*1
Reading promoter Group Award*1

2019 IEYI 印尼世界青少年發明展

2019 International Exhibition for Young Inventors (IEYI) in Indonesia

臺灣選拔43個國中小及高中職隊伍參加-高雄市代表隊榮獲
Teams from 43 elementary, junior, senior and vocational high schools across Taiwan
participated in the exhibition. The Kaohsiung City teams won

金牌獎*3
Gold medals*3

銀牌獎*3
Silver medals*3

銅牌獎*4
Bronze medals*4

特別獎*3
Special prizes*3

2019 親子天下教育創新 100 選

2019 Top 100 Parent-Child Education Innovations

高雄市愛閱超悅團隊(領導創新組)
Kaohsiung City Super Joyful iReading Team (leadership innovation groups)

入選 *6
Selected*6

高雄市國教輔導團課程督學團隊(領導創新組)
The inspection team for group counseling classes under the K-12 education of
Kaohsiung City (leadership innovation groups)

高雄市前鎮國中遠航者團隊 (教學創新組)
The Expeditionist Group of Cianjhen Junior High School (innovative course / teaching groups)

巴楠花部落小學 (偏鄉創新組)
Padan Indigenous Experimental School (innovation group in remote area)

2019 第八屆台灣活動卓越獎

The 8th Taiwan Event Excellence Award

2019 高雄內門宋江陣
2019 Neimen Song-Jiang Jhen Battle Ritual

公共服務類 銅質獎
Public Service category Bronze Award



十大公辦好展覽

Top 10 Publicly-funded Exhibitions in Taiwan

太陽雨—1980年代至今的東南亞當代藝術

SUNSHOWER: Contemporary Art from Southeast Asia 1980s to Now

第1名

1st place

刺青—身之印

Tattoo

第3名

3rd place

以光織界—徐永旭的藝術世界

Yunghsu Hsu: A World Made Light

第5名

5th place

2019 台灣設計 Best 100

2019 Taiwan Design Best 100

為無為—謝英俊建築實踐展

Acts Without Effort—The Societal Architecture of
Hsieh Ying-Chun

設計力關鍵字—「社會關懷」設計大賞

The Power of Design—Award for Social Care

2019 夏季巴黎十大必看展覽

Top 10 must visit exhibitions in Paris

極樂天堂：台灣祭儀糊紙文化

PALACE PARADIS

第 56 屆金馬獎

The 56th Golden Horse Awards

返校 (文化局電影投資補助)

Detention (subsidized by Bureau of Cultural Affair, Kaohsiung City Government)

最佳新導演

Best New Director

最佳改編劇本

Best Adapted Screenplay

最佳視覺效果

Best Visual Effects

最佳美術設計

Best Art Direction

最佳原創電影歌曲

Best Original Film Song

下半場 (文化局電影投資補助)

We Are Champions (subsidized by Bureau of Cultural Affair, Kaohsiung City
Government)

最佳新演員獎

Best New Performer

2019 廣播金鐘獎

2019 Golden Bell Awards

李可作品，入圍音效獎及單元節目獎

Li Ke was nominated for the best sound effect award and feature program award

2019 台灣光環境獎

2019 Taiwan Environment Lighting Award

高雄市立美術館展104、105展覽室《光間》重塑

Lightroom, renovation of Galleries 104 and 105 – Kaohsiung Museum of Fine Arts by Architerior Design

2019 台灣光環境獎

2019 Taiwan Environment Lighting Award

108 年農村領航獎

2019 Rural Pioneer Award

高雄市大樹區龍目社區

Longmu Community, Dashu District, Kaohsiung City

高雄市甲仙區大田社區

Datian Community, Jiaxian District, Kaohsiung City

高雄市六龜區寶來社區

Baolai Community, Liugui District, Kaohsiung City

高雄市永安區新港社區

Xingang Community, Yongan District, Kaohsiung City

農村領航獎

Rural Pioneer Award

全國「精饌米獎」有機米組

National “Fine Rice Awards” , Organic Rice Group

大寮日品有機米

Daliao Ri-pin Organic Rice

亞軍

Second Place

CHAPTER 1



Introduction

- I. Brief History and Local Characteristics
- II. Humane Circumstances
- III. Geographical Environment
- IV. Traffic Transportation
- V. Organization and Duties of City Government
- VI. Organization and Functions of the City Council

I. Brief History and Local Characteristics

City Development History

1. The 16th and 17th century

According to “Taiwan County Record (台灣府志)” by Jiang Yu-Ying, Taiwan, in a distant past, used to be a remote outland populated by aborigines (including highland tribes and plain aboriginals). The Makatao, the plain aboriginals, used to live around Ci-jin which was called Takao in the 16th and 17th centuries. The Netherlanders called it Tankoya and the Han people transliterated the name directly into Takao (打狗) in Chinese. The name Takao was firstly deciphered as “bamboo forest” before Wong Jia-Yin translated Takao as “place where waves lap sea shore” according to ancient Dutch.

Takao was a natural harbor situated in the south-west of Taiwan. The juncture of warm and cold currents brought abundant water fowl, particularly the valuable stripped mullet in winter. Fishermen from China benefited from Takao’s natural resources and Takao became their fishing farm. Around 1560s, Takao was occupied by Chinese and Japanese pirates; soon it became an important smuggling hub for Chinese and Japanese businessmen.

The plain aboriginals in Takao either found shelter in the highland or fled to A-Hou-Lin (the present Renwu Township in Kaohsiung County) or A-Hou-She (the present Pingtung).

In “East-West Maritime Record (東西洋考)” published in 1617, we learn that Ke-lan (present Keelung), Dan-shuei and Takao are listed as major harbors along shipping lane in Eastern sea.

2. Dutch Occupation Period (1624-1662)

In 1634, Liou Siang the pirate raised an army in Takao to raid Zeelandia with failure. He withdrew to Takao and had a fight with “the Savages”(plain aboriginals) when looking for water along the seashore. About 20 to 30 people

were killed in this battle and Liou Siang was forced to run away again. Through this event, we can learn that the Makatao, the plain aboriginals, were still well established in Takao area.

By 1642, the Dutch had successfully taken control of whole Taiwan. A tax system was set up to impose fishing tax to Chinese fishermen and to levy on Makatao’s rice for unpaid taxes. Takao area became a paradise for the Dutch to get living goods and materials due to its abundant woods, rattans and lime.

3. Koxinga (Jheng Cheng-Gong) Period (1661-1683)

May 1661 (April, Yong-Li 15th year), Koxinga seized Provintia and claimed it as Dong-Du(East Capital). He then established the highest administrate organization in Taiwan, named Cheng- Tian Fu and two counties (Wan-Nian and Tian- Sing). Takao was under the administration of Wan-Nian County. In July, Koxinga commended his troops to clear the wasteland in Takao area for cultivation, including Zuo-Ying, You-Chong (present You-Chang) , Cian-Jhen and Hou-Jin. Later on, these important military cultivation areas were developed into villages.

In 1673 (Yong-Li 27th year), Syu A-Hua, a fisherman, sheltered from typhoon in Takao port. He discovered that there were no Han people living in Ci-Hou (present Ci-jing) and that it was rather convenient to go fishing. Syu A-Hua later came back to Ci-Hou and settled down along with six families from his hometown. Ci-Hou village gradually developed, the villagers gathered and built Ma-Zu temple to guard their life.

4. Qing Dynasty (1684-1895)

Takao was ruled by Fong-Shan County. The County Jurisdiction was set up in Sing-Long Village, Zuo-Ying, however, the officers worked

in Fu-Cheng (present Tainan). In 1704 (Kang-Ci 43rd year), Song Wun-Cing, the County Magistrate, established the County Hall in Sing-Long Village under orders. In 1721 (Kang-Ci 60th year), the Jhu Yi-Guei Event occurred and in the following year a clay-made castle was built up and equipped with four gates opening on four directions. It was located between Turtle Mountain and Snake Mountain. It was the first moated clay-made castle which the Qing Government built in Taiwan. After the Lin Shuang-Wun Event, the County Hall was moved to Bei-Tou Street (present Fong-Shan City) in 1788 (Cian-Long 53rd year). Zuo-Ying became the old town after the New Town was build with bamboos in Fong-Shan.

Around 1710 (End of Kang-Ci Period), encouraged by the government, more than 20 salt farmers from Jhang-Jhou in China came to Takao lagoons to cultivate salt farms. Lai-Nan saltern was developed afterwards a saltern village. The prosperous Yan-Chen district was in fact the former saltern.

In 1837 (Dao-Guang 17th year), Fong-Shan Magistrate Cao-Jin endeavored to upgrade local irrigation projects. He constructed Da-Bei Lake, Lian-Chih Pond and dredged canals. For the purpose of irrigation, Cao-Jin went to Dan-Shuei River (present Kao-Ping River) to channel water. Ever since, Fong-Shan Plain and Takao Plain, which produced abundance of rice and sugar, became known as “lands of abundance”. Takao port also became the major exporting harbor for rice and sugar. A proverb in southern Taiwan goes “Golden Fong-Shan, Silver Jhu-Luo”.

In 1858 (Sian-Fong 8th year), the Treaty of Tianjin obliged the Qing Government to open up four harbors: Dan-Shuei, Ke-lan (present Keelung), An-Ping and Takao. Takao Harbor was officially operated in 1863 (Tong-Jhih 2nd year). Customs were established in 1864 (Tong-Jhih 3rd year) and in the same year, the United Kingdom set up a vice-consulate, which was upgraded into a consulate in 1865. From that moment on, Taiwan

and Takao entered the international commercial business and gradually modernized.

In 1865 (Tong-Jhih 4th year), Dr. J. Maxwell, a Presbyterian priest from Scotland, arrived in Takao on May 28th a day that became the official memorial day for the Christian missionaries who work in Taiwan.

In 1887 (Guang-Syu 13th year), Taiwan was officially designated as a province, ruling Taipei Fu, Taiwan Fu and Tainan Fu. Takao was under command of Tainan Fu.

In 1895 (Guang-Syu 21st year), Treaty of Shimonoseki obliged the Qing Government to cede Taiwan to Japan. The 212-year dominion of the Qing Dynasty over Taiwan came to an end.

5. Japanese Period (1895-1945)

In 1908 (Meiji 41st year), the Japanese constructed Takao harbor, which is -9 meters in depth and has a capacity of 3,000 to 5,000 tons ships. In coordination with the harbor construction projection, in 1912, a reclaim land from the sea was made and subsequently the first new city, Hamasen, was built as an administrative and financial center. Later on, the second new city Yan-Chen-Pu was built as a commercial center. New industries, such as petroleum refinement, aluminum manufacturing, cement and shipbuilding, developed because of the expansion and modernization of the harbor. Plenty of commercial opportunities also encouraged immigration from other places.

In 1920 (Taisho 9th year), Takao was renamed Kaohsiung State, and ruled nine counties: Kaohsiung, Fong-Shan, Gang-Shan, Ci-Shan, Ping-Dong, Chao-Jhou, Dong-Gang, Heng-Chun and Penghu. Nine counties, six streets, 44 villages, 126 aboriginal communities were under the command of Kaohsiung State. Kaohsiung County commanded over Kaohsiung Street, Nan-Zih Village, Zuo-Ying Village, Ren-Wu Village and Yan-Chao Village.

In 1924 (Taisho 13th year), Kaohsiung County

was elevated to the position of Kaohsiung City. Kaohsiung City Hall was situated in Hamasen under the jurisdiction of Kaohsiung State. Hereupon, with growing central region Kaohsiung City was reconstructed into a whole new city by the Japanese. Kaohsiung harbor also became a modern harbor for ships. Hereafter, Kaohsiung is known as second largest city in Taiwan ahead of Tainan and Keelung.

In 1939 (Showa 14th year), Kaohsiung City Hall moved to the western bank of the Love River. In 1941 (Showa 16th year), Kaohsiung Rail Station was built on Jian-Guo 2nd Road. In 1945 (Showa 20th year), the Japanese were defeated in the Pacific War and withdrew from Taiwan after 51 years of occupation.

6. Republic of China (1945-2019)

In 1945 (ROC 34th year), the KMT Government took over Taiwan and Kaohsiung City was under the jurisdiction of Taiwan Administration Office. In 1946 (ROC 35th year), Kaohsiung City was divided into ten districts: Nan-Zhih, Zuo-Ying, Ci-jin, Gu-Shan, Yan-Chen, Cian-Jing, Ling-Ya, San-Min, Sin-Sing and Cian-Jhen. The population was 130,000. The next year, Kaohsiung City was under the administration of Taiwan Provincial Government. In 1956 (ROC 45th year), the population had reached an amount of 440,000.

On July First, 1979 (ROC 68th year), the population was over a million. Ever since, Kaohsiung City was directly under the jurisdiction of Central Government and Siao-Gang village was upgraded into the eleventh district of Kaohsiung City, Siao-Gang District. Thus, Kaohsiung City was the only municipality owning both international commercial harbor and airport. In 1994 (ROC 83rd year), the first Mayor of Kaohsiung City was elected by the citizens. In June, 2001 (ROC 90th year), the population was approaching the amount of 1,500,000, Kaohsiung had become the major harbor and metropolis with 1,510,000 population of Southern Taiwan.

In 1975 (ROC 64th year), the second Kaohsiung Harbor was constructed. -16 meters in depth, a capacity of 100,000 tons ships, added to the 30,000 tons ships in the first harbor, this made of Kaohsiung Harbor one of the ten major harbors in the world. In 1981 (ROC 70th year), Kaohsiung was the fifth largest container transportation harbor, number four in 1985 (ROC 74th year) and number three in 1987 (ROC 76th year) worldwide.

As Taiwan High Speed Rail and Kaohsiung Mass Rapid Transit were in service since 2008 ; The World Game 2009 in Kaohsiung drove the city to participate international activities and port construction is continuing. Kaohsiung Harbor City possesses enormous potential as Taiwan's ocean capital.

On December 25, 2010, Kaohsiung City and County were officially merged with a total area of about 2,946 square kilometers and a population of 2,770,000. It is divided into 38 districts. It is the largest city among Taiwan the five municipalities that are governed directly under the central government of Taiwan.

In 2013, the Kaohsiung Exhibition Center was completed and became the first landmark in Kaohsiung Asia's New Bay Area. It is Taiwan's first international exhibition center beside harbor.

In 2014, the Kaohsiung Main Public Library began operations. It is the largest municipally operated public library in Taiwan.

Three mountain aboriginal districts: Maolin, Taoyuan, and Nama, were reformed as autonomous groups on December 25, 2014.

In 2017, Taiwan's first light rail system, the "Kaohsiung Circular Light Rail Transit", between the Lizihnei Station (C1) and Hamasen Station (C14) has been in operation, starting a new era of transportation for Kaohsiung City.

Local Characteristics

1. Commercial and Industrial Development

Promoting economic development

(1) Continuous investments in Kaohsiung from domestically and globally renowned corporations

A. Foxconn Technology Group Investment

The Economic Development Bureau of Kaohsiung City Government signed an MOU on March 17, 2019 with Dynamic Computing Technology (DCT), a subsidiary of the Foxconn Technology Group, and actively led Foxconn to conduct an on-site inspection of the land for investment. In May, Foxconn purchased about 12,000 pings (39,670 m²) of land in Ho Fa Industrial Park, investing in the construction of a smart factory to manufacture servers and related products.

B. Coil Technology Corp. Investment

On March 27, 2019, Coil Technology Corp. (CTC) held the inauguration ceremony of its Kaohsiung main factory and new headquarters building, increasing an investment of NT\$250 million, which could create about 90 jobs within five years.

C. Bo Hong Food Factory (Chef Teng) Investment

The ground-breaking ceremony was held on May 19, 2019. It is estimated that NT\$200 million will be invested to purchase machinery/equipment and build a factory, which is expected to generate an annual output of NT\$50 million in the future and create 100 to 150 jobs.



Bo Hong Food Factory (Chef Teng) ground-breaking ceremony

D. Nanzi Export Processing Zone Diamond Site Renewal

On June 5, 2019, the investment approval and joint ground-breaking ceremony of the Diamond Site Renewal Project at the Nanzi Export Processing Zone was held, attracting four companies including ASE, OSE, TKS and Hung Ching to jointly invest in the construction of a high-end packaging and testing building, an advanced semiconductor manufacturing center, and an advanced manufacturing and R&D building respectively. The Diamond Site Renewal Project released a total of 3.47 hectares of land and added 200,000 m² of industrial space, creating an investment of about NT\$40.6 billion and additional 4,200 jobs.

E. Hai Pa Wang Investment

Hai Pa Wang Group is expected to invest NT\$8 billion to build the largest multifunctional cold chain logistics park in Taiwan next to Qianzhen Fishing Port. It is scheduled to start operation in the third quarter of 2021.

F. Dali Miller Development Co. Ltd. Investment

A leisure, entertainment and shopping plaza complex will be developed, with a master plan to invest NT\$2 billion and create 1,100 jobs. The ground-breaking ceremony (of Block B) was held on September 20, 2019. It is scheduled to be officially opened at the end of 2021.



Dali Miller Plaza ground-breaking ceremony

G. Decathlon Investment

French company Decathlon teamed up with Yi Kung Construction to build Kaohsiung Asia New Bay Area flagship store, its first flagship store in Southern Taiwan. It is expected to invest NT\$400 million and create 200 jobs. The ground-breaking ceremony was held on December 5, 2019. The project is scheduled to be completed and opened before the end of 2020.



Ground-breaking ceremony of Decathlon Kaohsiung Asia New Bay Area flagship store

H. Cheng Loong Corp. Investment

On December 16, 2019, Cheng Loong Corp. held its new plant's ground-breaking ceremony in Yanchao. Mainly engaged in paper production and sales, Cheng Loong is one of the 100 largest paper companies in the world and the largest industrial paper and paperware manufacturer in Taiwan. To expand production capacity, it planned to build a new factory to process paperware such as corrugated cardboards and cartons. It is expected to invest NT\$1.3 billion and create 300 jobs.



Ground-breaking ceremony of Cheng Loong's new plant in Yanchao

(2) Improving investment incentives to reward local investment

To consolidate the driving force for industrial development in Kaohsiung, ensure balanced development of both manufacturing industries and knowledge-intensive key industries, and encourage enterprises to carry out R&D work for key industries in the City, the “Self-government Regulations Governing the Promotion of Industrial Development in Kaohsiung City” was amended and adopted in 2015, adding requirements for grants and subsidies to key developing industries and operational headquarters moving into Kaohsiung, etc. In addition, the “Enforcement Measures Governing the Promotion of Industrial Development in Kaohsiung City” was also amended to optimize the City’s investment environment, with the aim to move towards a higher value-added industrial structure.

In 2019, a total of twelve projects were approved, including seven investment subsidies and five R&D incentives, with a total amount of approximately NT\$71.42 million. The expected implementation benefits are:

A. Total investment: about NT\$3,218.72 million.

B. Job created: 1,293.

(3) Reaching out for overseas marketing and investment promotion to create business opportunities for local manufacturers

A. Visiting Singapore to hold startup seminar and investment briefing

- a. From February 25 to 28, 2019, the Bureau paid a visit to Singapore to organize a startup seminar and an investment briefing session to market Kaohsiung's investment environment. It also invited the National University of Singapore (NUS), the startup accelerator Finlab which is supported by one of Singapore's top three banks the United Overseas Bank (UOB), and many other new entrepreneurs, to share the venture capital business model and their successful experience in assisting new ventures.
- b. In addition, to cultivate Kaohsiung's startup team and expand business exchanges, the City Government brought in Rainmaking Innovation, Singapore's renowned accelerator, to invest in Kaohsiung and to sign an MOU with the Economic Development Bureau of Kaohsiung City government. It is hoped that its experience in guiding international new ventures can assist Kaohsiung by linking and introducing overseas startup teams, international corporations and investors to Kaohsiung, and can assist Kaohsiung's startup teams and enterprises to enter international markets, invigorating a two-way economy in Kaohsiung.



The Mayor attended the startup seminar during his visit to Singapore

B. Visiting the U.S. to attend South by Southwest

- a. The Bureau led three immersive technology companies of the City (Brogent Technologies Inc., Pumpkin Studio and Golden Slash) to attend the South by Southwest festival from March 8 to 16, 2019, assisting the matching of companies/talents with international markets to create more opportunities for products and services to go overseas.
- b. Witnessed by the Economic Development Bureau of Kaohsiung City Government, the Institute for Information Industry signed a Letter of Intent for international cooperation with "Plug and Play Tech Center," the world's largest startup accelerator, assisting immersive technology teams in Kaohsiung to link with Silicon Valley startup resources such as venture capitalists, industry professionals, and technology communities.
- c. The 2019 "KOSMOS PITCH Innovative Immersive Technology Competition" selected Pumpkin Studio for training at the Plug and Play, directly connecting it with international resources and venture capitalists.



The City Government team attended South by Southwest in the U.S.

C. Visiting Germany to organize technical exchanges for Kaohsiung's value-added metal industries

- a. On March 13, 2019, the “Kaohsiung Night” was organized at the “2019 International Dental Show Cologne,” facilitating the MOU signing between two German dental material suppliers and Kaohsiung manufacturers, with orders amounting to NT\$10 million.
- b. In conjunction with the Taiwan Industrial Fasteners Institute (TIFI), the “Kaohsiung Pavilion” was set up at the “Fastener Fair Stuttgart 2019” from March 19 to 21, 2019, assisting Kaohsiung companies to receive orders estimated at US\$14 million.
- c. Visits were arranged to BioMedizin Zentrum, a German biomedical technology park, and companies such as mechatronic manufacturer FESTO, the assembly plant of automobile manufacturer Mercedes-Benz, electromechanical equipment manufacturer Robert Bosch, and machine tool manufacturer TRUMPF.



The “Kaohsiung Night” at the 2019 IDS Cologne in Germany

D. Visiting the U.S. for speeches and investment promotion

- a. On April 13, 2019, the Mayor attended the “Lighting up Kaohsiung, Innovating the Economy” Monte Jade Global Economic Forum, organized by the Southern California Monte Jade Science and Technology Association (SCMJ) which contributed to the Kaohsiung Youth Entrepreneurs Fund.

- b. On April 16, 2019, after the Monte Jade Global Silicon Valley Summit, the Mayor signed a Letter of Intent (LOI) for cooperation with Footprintku Inc. in Silicon Valley, U.S. As stated in the LOI, Footprintku is expected to increase investment by US\$10 million in Kaohsiung, provide more than 100 internships and employment opportunities, assist in promoting STEM (Science, Technology, Engineering, and Mathematics) education in Kaohsiung’s universities, organize international events, seminars and related conferences, etc. to establish a closer relationship between the Silicon Valley ecosystem and Kaohsiung’s businesses.



The Mayor gave a speech and promoted investment in the United States

E. Visiting Japan for investment promotion

- a. Invited by the Japan-Taiwan Exchange Association, the Director-General of the Economic Development Bureau (EDB) of Kaohsiung City Government attended the “Taiwan Business Seminar” at the “Yokohama Chamber of Commerce and Industry” in July 2019, giving a speech on the topic “Opportunities and Highlights of Investment in Kaohsiung.” The conference attracted more than a hundred representatives of Japanese businesses, covering technology, metal, mechatronics, chemical and service industries.



The EDB Director-General gave a speech on “Opportunities and Highlights of Investment in Kaohsiung”

- b. During his visit, the Director-General called on government offices, associations and enterprises related to Japan's circular economy, such as the Material Industries Division of Japan's Ministry of Economy, Trade and Industry, Nippon Slag Association, and JFE Plastic Resource Corporation. He also visited Tsunashima Sustainable Smart Town and Tokyo One-Stop Business Establishment Center in Japan.

F. Visiting and attending exhibitions in Shenzhen, China

In November 2019, the EDB led Kaohsiung's businesses to Shenzhen to participate in the 2019 Taiwan Artistic Living Festival, promoting Kaohsiung's quality products and the Kaohsiung Goods Taobao shop. The Bureau liaised with Taiwan Business Associations in Shenzhen and Dongguan to comprehend the current status of Taiwanese businesses in Mainland China, and suggest them to return to Taiwan for investment. They also visited Chaihuo Maker Space, Shenzhen Taiwan Youth Employment and Entrepreneurship Service Center, and Tsinghua Innovation Center in Dongguan, to learn about Mainland China's policies of supporting new ventures as a reference for the City's policies.



2019 Taiwan Artistic Living Festival in Shenzhen

G. Visiting and attending exhibitions in the Philippines

- a. The EDB led Kaohsiung's businesses in the medical devices and cosmetics industries to attend exhibitions in the Philippines. From November 8-9, 2019, the “Kaohsiung Goods Pavilion” was set up at the Taiwan Expo 2019 in the Philippines, assisting the City's businesses in medical materials industry to obtain on-site orders amounting to NT\$3 million, and follow-up orders amounting to NT\$20 million.
- b. On November 11, 2019, the delegation visited the College of Dentistry of the University of the East and the School of Dentistry of the Centro Escolar University, to familiarize local medical students with medical materials and products from Kaohsiung and build their trust in our products. On the same day, the “Kaohsiung Commercial Matchmaking Communication Night” was held to promote medical products of the City and match medical devices businesses with local dentists and dental product distributors, which facilitated the signing of an agency contract between Kuang Yeu Medical Co. Ltd. and the Philippines distributor Jandra Global Traders Corp., introducing about NT\$2.5 million of Kuang Yeu's products to the Philippines and expanded its market share.

(4) Forming alliances by integrating industry-university-research resources to facilitate international connections

A. KOSMOS ACADEMY of Immersive Technology

In 2019, a total of eight sessions were planned, inviting upstream and downstream vendors of immersive technology including Brogent Group, MoonShine VFX, TWR Entertainment, VAR Live, and CGCG Creation Institute, to assist in the full charge of training contents (including the design and provision of teaching materials), software and hardware support, professional instructors, trainee selection, and tuition subsidy. The training program has achieved a total of 786 training hours, 190 people trained, and 24 people employed.

B. Implementing “KOSMOS PITCH” innovative immersive technology competition

Adopting courses as the relevant accelerator workshops in the U.S., professionals, entrepreneurs, legal advisors in the startup community were invited to provide one-on-one guidance on fundraising, business expansion, etc., injecting new energy, new thinking and new vision to the incubation of new ventures. Working hand in hand with Silicon Valley’s international startup accelerator Plug and Play (PNP), coaching was provided to 25 startup teams to participate in the competition. Eventually, Pumpkin Studio was selected as the Golden Award team, and VAR Live and Toii Virtual Gaming Lab the two Potential Award teams. The Pumpkin Studio team went to Silicon Valley for startup training at the end of September 2019, linking with international development resources via PnP, and returned to Taiwan to share its training experience in December.

C. Setting up KOSMOS Gallery for the 2019

Vision Get Wild (VGW) Award

Multiple immersive technology products were displayed, covering games, arts, education, and health care industries, for visitors to experience the contents and ideas of current immersive technology. The event also featured Kaohsiung as a new center of Asia’s immersive technology, drawing attention of enterprises, citizens and communities to the City. A total of eighteen businesses, including Brogent Group, VAR Live, XAC Inc., JFI Games, IGS, MoonShine, and KOSMOS Gallery, exhibited 46 products, attracting more than 100,000 visitors during the three-day exhibition.

D. Organizing Kaohsiung’s first KOSMOS Festival

Bringing together flagship businesses and startup teams of immersive technology, the festival showcased the applications of this technology in games, arts, education, and health care industries, so that the public can experience the contents and ideas of current immersive technology. At the same time, it made Kaohsiung a new center of immersive technology in Asia, drawing attention of enterprises, people, and communities to Kaohsiung. Breaking away from the static display booths used in the past, this event toured Gangshan, Qishan, Fengshan and the Maritime Culture and Popular Music Center for exhibition, producing an image of prosperous trading in Kaohsiung harbor with cargo trucks delivering commodities to various places. The exhibition lasted thirteen days, reaching more than 100,000 people and boosting an output value exceeding NT\$20 million.

E. Administering the tenth Kaohsiung City Excellent Japanese Business Commendation Ceremony

To gain continued support from Japanese enterprises, maintain complete business information and investment services, and jointly create more business opportunities, the EDB continued to implement the tenth Kaohsiung City Excellent Japanese Business Commendation Ceremony on December 19, 2019. Three outstanding Japanese businesses were selected, including ENEOS Taiwan, TYK Taiwan Co. Ltd. and Taiwan Chugai Ro Co. Ltd., showing that the City places high value on Japanese businesses and hopes to enhance friendly relationships between the two parties through the event.

F. Implementing the first Kaohsiung Model Enterprise Pioneer Award in 2019

- a. To acknowledge the efforts in consolidating local development made by businesses in the City, which actively extend international markets and improve business operation and management, the EDB implemented the “2019 Kaohsiung Model Enterprise Pioneer Award” for the first time on December 12, 2019. Its selection focuses on outstanding local businesses that are mainly based in Kaohsiung and highly competitive in international markets, hoping to endorse the spirit of hard work in Kaohsiung and provide a model for all types of enterprises in the City. The pioneer awards include “In-depth Cultivation Model,” “New Venture Benchmark,” “Outstanding Innovation,” “Green Energy-Saving,” “Investment Model,” “Potential Star” and “Jury Prize.” A total of 35 businesses were awarded.
- b. The “In-depth Cultivation Model Pioneer Award” winners include Shyh Hwa Stainless Steel Tube Co. Ltd., TAIFLEX Scientific Co. Ltd., Anchor Fasteners Industrial Co. Ltd., Yeou Yih

Steel Co. Ltd., Soft-World International Corporation, Laser Tek Taiwan Co. Ltd., Taiwan Hopax Chemicals Co. Ltd., Drewloong Precision Inc., and Thinking Electronics Industrial Co. Ltd.; the “New Venture Benchmark Pioneer Award” winners are Phalanity Digital Technology Co. Ltd., Advmeds Co. Ltd., and Trend Link; the “Outstanding Innovation Pioneer Award” winners are Tongtai Machine & Tool Co. Ltd., Chaheng Precision Co. Ltd., and Eternal Materials Co. Ltd.; the “Green Energy-Saving Pioneer Award” winners are Shaan Honq International Cosmetics Corp. and Ecolohas Energy Technology Co. Ltd.; the “Investment Model Pioneer Award” winners include Nan Liu Enterprise Co. Ltd. and King Point Enterprise Co. Ltd. In addition, Potential Star awards were especially set up in the hope that these businesses of tomorrow can keep on contributing to the reputation of Kaohsiung’s industrial development. The “In-depth Cultivation Model Potential Star Award” winners are Renjie Oldsichuan Catering Management Consultant Co. Ltd. and RST Enterprise Co. Ltd.; the “Outstanding Innovation Potential Star Award” winners include e-Excellence Inc., Shang Kai Steel Co. Ltd., Technology Base Corporation, Hamastar Technology Co. Ltd., Facade Solutions & Design Co. Ltd., Over-Paradigm Technology Inc., Hallmark Technology Co. Ltd., and Hanmin Technology Co. Ltd.; the “Investment Model Potential Star Award” winners include Shi-Ho Screw Industrial Co. Ltd., Jun-Feng Enterprise Co. Ltd., and Kao Chuan Tswen Enterprise Co. Ltd. The “Jury Prize” was awarded to TAIFLEX Scientific Co. Ltd., Nan Liu Enterprise

Co. Ltd., and Soft-World International Corporation.

G. Setting up “Kaohsiung City Industrial Development and Investment Promotion Committee” (IDIPC)

- a. To quickly grasp the movement of the industry and comprehensively search for investment needs of enterprises, the Mayor invited local entrepreneurs in academia, public utilities, manufacturing, catering, and food industries, as well as the EDB Director-General, Councilors Cai Jin-Yan and Huang Shao-Ting, to be members to form the “Kaohsiung City Industrial Development and Investment Promotion Committee” (IDIPC). Its first committee meeting was held on July 25, 2019, and it was officially inaugurated on August 2.
- b. The IDIPC appointed an executive secretary and a deputy executive secretary to implement resolutions of the executive committee and handle general affairs. They will proactively visit companies to obtain first-hand information on industrial dynamics and industrial needs for operation and investment environments, and identify current issues of the industries in Kaohsiung, serving as an important communication bridge between the City Government and enterprises.
- c. In the second half of 2019, the three main tasks were decided to be investment operations, industrial and commercial services, and committee affairs promotion (domestic and overseas publicity, website launching, and publicity brochure–Kaohsiung Investment Hotspots). In terms of investment operations, the IDIPC proactively approached seventeen manufacturers, of which two have confirmed investment; as to industrial and commercial services,

the IDIPC visited service centers in relevant industrial parks/industrial zone and industry associations in the City, completing assistance services requested by 34 manufacturers. The committee affairs promotion mainly focused on promoting Kaohsiung’s investment environment and business opportunities. In 2019, it hosted two events, co-sponsored three events, and jointly promoted two events.

Promoting industrial service

(1) Small Business Innovation Research Program by Kaohsiung City Government (SBIR by KCG)

Starting from 2008 to 2019, the program of Small Business Innovation Research Program by Kaohsiung City Government has approved a total of 802 R&D projects and grating subsidies amounting to NT\$610.62 million. This program has driven many investment for SMEs and R&D new products, including the investments of NT\$1,948.04 million and R&D funding of 1,475.66 million in total, and derivatives output value of NT\$2,574.4 million. In addition, through the assistance of this program, 692 new design patents have been approved.



Outstanding SBIR businesses were presented awards at the municipal administrative meeting on October 8, 2019

(2) Digital Art Kaohsiung United Office (DAKUO)

Acting as a “springboard for businesses to invest in Kaohsiung” and an “incubation base

for small and medium-sized enterprises,” DAKUO is accelerating the R&D momentum of the digital content industry in Kaohsiung, fostering startup companies and attracting talents to take root in Kaohsiung, and providing a friendly environment for innovation and entrepreneurship. As of 2019, a total of 52 businesses have moved into DAKUO, developed more than 281 new products and created more than 922 new jobs. Since 2014, the “Global Game Jam” has been organized every January, connecting worldwide participants online to promote the development of Kaohsiung's game industry and facilitate technical exchanges and cooperation between domestic and overseas game talents. As of January 2020, the accumulative number of participants has exceeded 364, with more than 71 games created.



Global game Jam Kaohsiung zozo

(3) M.ZONE

Warehouse No. 8 of the Pier-2 Art Center has been converted to establish “M.ZONE” in June 2016. Citizens are given opportunities to experience the fun of making through exhibitions and sharing sessions, course planning, community gathering, and organized activities, thereby creating a gathering space for makers. Connections have

been made with makers’ associations, as well as with local corporations and industrial design-related academic institutions to create a unique maker atmosphere in Kaohsiung, making Kaohsiung a maker-friendly city. As of the end of December 2019, the zone has hosted fourteen large-scale exhibitions and 1,476 related courses, visits, seminars and group exchange activities, with 309 members, 7,563 FB fans and 492,623 visitors.



2019 Mega Maker Day attracted a big crowd to M.ZONE

(4) KO-IN - “Kaohsiung Intelligence Navigator”

The City Government designated the 13th and 14th floors of the Financial Services Building to be “KO-IN–Kaohsiung Intelligence Navigator” serving startup teams that intend to develop smart city technologies and applications or put them into actual tests in Kaohsiung, and providing them with development space, resources and opportunities. Within six months of its launch in June 2019, a total of 32 businesses have moved in, reaching an occupancy rate of 76%. It is estimated that 134 jobs, NT\$260 million turnover and NT\$160 million investment will derive from this.

The innovation and entrepreneurship competition was held on September 30, 2019, attracting startup talents from all walks of life. Its first prize was won by a team dedicated to the development of vaccine cold chain technology and received a grant from Global

Good funded by Bill Gates. Under coaching, the team has formed Gobest Technology Inc. and passed the review at the fifth attempt to move into KO-IN, settling in Kaohsiung. On November 28 and 29, KO-IN held an international forum and business matching event, attracting about 470 participants. Eleven business matching sessions were arranged to fulfill the businesses' needs to connect with each other.



Group photo of the final competition teams of "2019 KO-IN Dreamer ARENA – Kaohsiung Innovation and Entrepreneurship Competition"

2. The Port of Kaohsiung

Port of Kaohsiung covers a total area of approximately 17,736 hectares. The 12-year expansion plan of Port of Kaohsiung was initiated in 1958 and implemented in 1970. In 1980, construction works of Zhongdao Business Harbor District were completed. In 1975, the second harbor with diverse functions was established for providing accommodation to container ships of up to 100,000 GT. In 1984, the cross-harbor tunnel was constructed for allowing passage of vehicles and making Port of Kaohsiung a modernized international cargo center. To meet an increasing demand for cargo handling, the construction of the fifth container terminal was proceeded in 1969. At present, Port of Kaohsiung encompasses five container terminals to provide fast and well-rounded

services for shipping companies. In response to the lack of deep-water wharves for bulk and general cargo, as well as the trend of building larger container ships, Pier 58 was modified for bulk and general cargo in 2001, and Piers 65 and 66 were modified into deep-water wharves with a depth of 14.5 meters. Moreover, an access road improvement plan was carried out to improve access efficiency to the Port of Kaohsiung for increasing efficiency of transportation and facilitating the development of the Global Logistics Management Center.

In response to the trend of building larger container ships and an increasing demand for cargo handling, a BOT (build-operate-transfer) invitation to tender for construction phase one of Kaohsiung International Container Terminal was announced in August 2005, and the construction was completed in 2011. Construction phase two was initiated in 2011 and was scheduled to be completed in 2019. The first tender of seawalls and breakwaters for construction phase two of Kaohsiung International Container Terminal was established in June 2018; Furthermore, in NO.7 Kaohsiung International Container Terminal, 5 piers had been completely promoted under the procedure of investment incentives by December, 2018 and were scheduled to be started for the operation in 2023. It is expected to improve the role of Port of Kaohsiung as a hub in the Asia-Pacific region.

3. Abundant Fishery Resources

Kaohsiung City plays an unprecedentedly imperative role in Taiwan's fishing industry. With the government's counselling and fishermen's efforts, the fishing industry has been flourishing rapidly. Since 1979, the volume of annual catches has grown year after year from the initial 286,061 tons to approximately 570,000 tons in 2018. Moreover, fishing activities have been expanded from coastal and offshore areas to all the oceans around the world.

II. Humane Circumstances

Demographic Profile

1. The Overall Population and Number of Households

After the merging of Kaohsiung City and County on December 25, 2010, the Greater Kaohsiung (hereafter referred to as the City) became the second most populated city with the largest land coverage in Taiwan. A total of 2,773,198 resided in the City as of the end of 2019.

For the number of households in the City, a total of 1,110,051 (an average of 2.50 people per household) were elucidated as of the end of 2019.

2. Birth Rate, Mortality Rate and Natural Increase Rate

The City has demonstrated a decreasing birth rate and an increasing mortality rate since 1980. However, the birth rate rebounded in 2011 and rose further in 2012, which was the Year of the Dragon. Between 2010 and 2019, a total of 213,244 births were elucidated, for an annual average birth rate of 7.68‰; a total of 201,908 deaths were elucidated, for an annual average mortality rate of 7.28‰; and a total of 11,336 natural increases were elucidated, for an annual average natural increase rate of 0.40‰. In 2019 alone, a total of 19,447 births were elucidated, for a birth rate of 7.01‰, while a total of 21,821 deaths were elucidated, for a mortality rate of 7.87‰.

3. Move-out Rate, Move-in Rate and Social Increase Rate

A total of 1,262,019 people moved into the City between 2010 and 2019, for an annual average move-in rate of 45.40‰, while a total of 1,271,044 people moved out of the City, for an annual average move-out rate of 45.71‰. Therefore, the social increase was -9,025, for an

annual average social increase rate of -0.32‰. In 2019 alone, a total of 115,950 people moved into the City, for a move-in rate of 41.81‰, while a total of 113,911 people moved out of the City, for a move-out rate of 41.07‰. Therefore, the social increase was 2,039, for a social increase rate of 0.74‰.

4. Annual Population Growth and Movement

Between 2010 and 2019, the population of the City increased by 2,311 in 10 years, for an annual average growth of 231 or an annual average growth rate of 0.08‰. In 2019 alone, the population increased by 335, for an increase rate of -0.12‰.

5. Population Distribution by Age

The City has demonstrated a decreasing juvenile population and an increasing senior population in recent years. A total population of 2,773,198 were elucidated as of the end of 2019, among which 328,427 (11.84%) were between the ages of 0 and 14, while 438,452 (15.81%) were senior citizens over the age of 65.

6. Population Distribution and Density

Following the merging of the former Kaohsiung City and County on December 25, 2010, the City demonstrated a significant increase in territory, covering the largest land area in Taiwan. As of the end of 2019, the City occupied a total land area of 2,951.8524 km², with a population density of 939 people/km².

7. Sex Ratio

A total of 2,773,198 people resided in the City as of the end of 2019, among which 1,369,850 were men and 1,403,348 were women. The sex ratio (the number of men per 100 women) was 97.61%.

8. Education Status of Residents

As of the end of 2019, the number of residents aged 15 and above was 2,444,771, which accounts for 88.16% of the total population of the City. Based on level of education of those aged

above 15, a total of 934,764 people held a bachelor's degree or had graduated from junior college, 796,540 people had graduated from senior high school or vocational high school, 388,647 from junior high school, and 324,820 from elementary school and below.

Table 1-1 Natural Growth of Population in Kaohsiung City between 2010 and 2019

	Number of Births	Number of Deaths	Natural Increase	Birth Rate	Death Rate	Natural Increase Rate
2010	18,684	18,001	683	6.70	6.55	0.16
2011	21,411	18,845	2,566	7.72	6.79	0.93
2012	24,963	18,945	6,018	8.99	6.82	2.17
2013	21,626	19,277	2,349	7.78	6.94	0.85
2014	22,520	20,282	2,238	8.10	7.30	0.81
2015	22,469	20,508	1,961	8.09	7.38	0.71
2016	21,757	21,365	392	7.83	7.69	0.14
2017	20,260	21,368	-1,108	7.29	7.69	-0.40
2018	20,107	21,496	-1,389	7.25	7.75	-0.5
2019	19,447	21,821	-2,374	7.01	7.87	-0.86

Table 1-2 Social Increase/Decrease of Population in Kaohsiung City between 2010 and 2019

	Number of Move-in	Number of Move-out	Number of Increase	Move-in Rate	Move-out Rate	Social Increase Rate
2010	141,383	139,470	1,913	50.42	49.68	0.74
2011	140,697	142,276	-1,579	50.72	51.29	-0.57
2012	138,552	140,381	-1,829	49.86	50.52	-0.66
2013	132,384	133,515	-1,131	47.62	48.03	-0.41
2014	127,173	130,296	-3,123	45.75	46.88	-1.12
2015	120,208	122,243	-2,035	43.26	43.99	-0.73
2016	117,099	117,038	61	42.13	42.11	0.02
2017	115,076	116,427	-1,351	41.42	41.91	-0.49
2018	113,497	115,487	-1,990	40.9	41.61	-0.72
2019	115,950	113,911	2,039	41.81	41.07	0.74

Table 1-3 Age Distribution of Population in Kaohsiung City as of the End of 2019

Region	Age	Total		
		Overall	Male	Female
Kaohsiung City	Total	2,773,198	1,369,850	1,403,348
Kaohsiung City	Under 15	328,427	170,474	157,953
Kaohsiung City	Aged 15 ~ 19	142,342	74,121	68,221
Kaohsiung City	Aged 20 ~ 24	173,596	89,759	83,837
Kaohsiung City	Aged 25 ~ 29	186,803	97,224	89,579
Kaohsiung City	Aged 30 ~ 34	183,802	93,889	89,913
Kaohsiung City	Aged 35 ~ 39	227,516	112,838	114,678
Kaohsiung City	Aged 40 ~ 44	238,276	117,150	121,126
Kaohsiung City	Aged 45 ~ 49	217,608	106,646	110,962
Kaohsiung City	Aged 50 ~ 54	217,521	107,323	110,198
Kaohsiung City	Aged 55 ~ 59	216,553	104,927	111,626
Kaohsiung City	Aged 60 ~ 64	202,302	95,729	106,573
Kaohsiung City	Aged 65 ~ 69	176,203	82,264	93,939
Kaohsiung City	Aged 70 ~ 74	101,248	46,625	54,623
Kaohsiung City	Aged 75 ~ 79	73,679	32,923	40,756
Kaohsiung City	Aged 80 ~ 84	47,777	19,716	28,061
Kaohsiung City	Aged 85 ~ 89	25,981	11,575	14,406
Kaohsiung City	Aged 90 ~ 94	11,023	5,502	5,521
Kaohsiung City	Aged 95 ~ 99	2,270	1,049	1,221
Kaohsiung City	Above 100	271	116	155

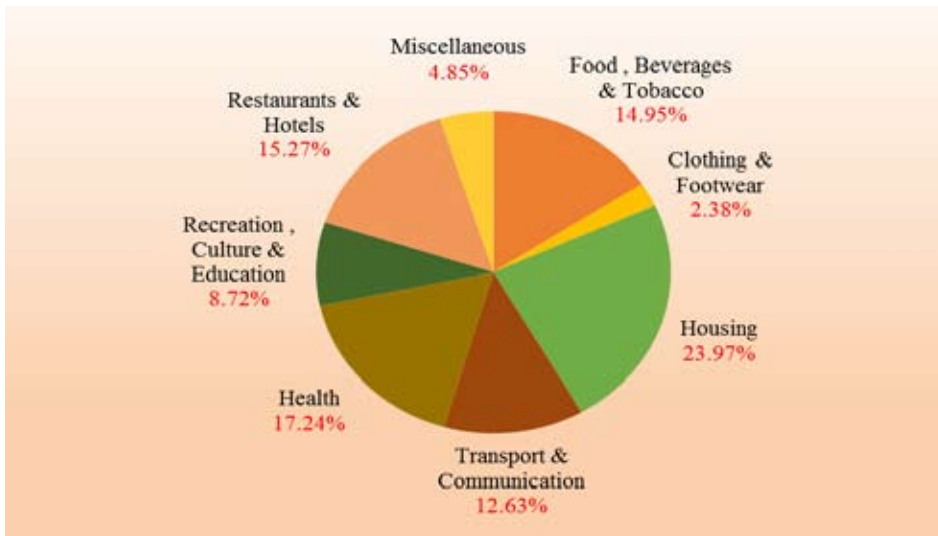
Family Income & Expenditure

The results of Family Income and Expenditure Survey in Kaohsiung City indicate that the average total annual household receipts was NT\$1,224,668 in 2019, increased by 0.44% from 2018. Among which in annual household receipts, compensation of employees stood the first place at 56.28%, followed by current transfer receipts combined with miscellaneous at 21.44%, entrepreneurial income at 13.88% and property income at 8.41%. Besides, the average annual household expenditure in 2019 was NT\$842,428, increased by 6.20% from 2018. Among which in annual household consumption, food, beverages & tobacco stood at 14.95%, clothing & footwear at 2.38%, housing (including housing, water, electricity, gas, other fuels, furnishings, household

equipment and routine household maintenance) at 23.97%, transport & communication at 12.63%, health at 17.24%, recreation, culture & education at 8.72%, restaurants & hotels at 15.27%, and miscellaneous at 4.85%.

According to the statistics in household consumption expenditure, the percentage of housing expenses stood the first place at 23.97% in 2019, followed by health expense at 17.24%, restaurants & hotels expense at 15.27%, food, beverages & tobacco expense at 14.95%, transport & communication expense at 12.63%. With economic growth, people spending on travel expenses increased. Leisure and culture expense is increased by 23.18% from 2018, increased by 0.72 percentage points from 2018..

Figure 1 The average annual consumption per household in 2019, in Kaohsiung City



III. Geographical Environment

Geographic Description and Location

The merged Kaohsiung City and County appears in a long and narrow shape with a north-south length of approximately 110 km and the maximum east-west width is 90 km. The City covers a total area of 2,951 km². Taoyuan District is the largest district in the City, covering an area of 949.63km². Yancheng District is the smallest district with an area of 1.42 km². Shuangtuo Mountain in Taoyuan District adjoins Hualien County and Taitung County on the east, while the City extends to the Taiwan Strait on the west. The southernmost area of the City is the southern tip of Shanwei in Linyuan District, which borders with Pingtung County. The City also exercises jurisdiction over Dongsha Island in the South China Sea and Taiping Island of the Spratly Islands. The City finds its northern border at the peak of Jade Mountain in Taoyuan District that adjoins Chiayi County and Tainan City. The geographic coordinates of the City are longitude 120° 10'29"E to 121° 02'55"E and latitude

22° 28'32"N to 23° 28'17"N. The easternmost point in the City is in Meishan Village, Taoyuan District (at longitude 121°02'55"E and latitude 23°19'30"N); the westernmost point is in Wanfu Village, Qieding District (at longitude 120°10'29"E and latitude 22° 54'37"N); the southernmost point is in Dongshan Village, Linyuan District (at longitude 120°24'47"E and latitude 22°28'32"N); and the northernmost point is in Meishan Village, Taoyuan District (at longitude 120° 58'03"E and latitude 23° 28'17"N (see Figure 1-2).

The Central Mountain Range, Alishan, and Jade Mountain run vertically in a north-south orientation. The Erren River, Agongdian River, Dianbao River, and Houjin River run horizontally in an east-west orientation; the only exception is the Gaoping River that flows in a north-south orientation. Mountains account for approximately 52% of the City's land, with the highest mountain being the southern peak of Jade Mountain in Taoyuan District (elevation = 3,844 m). The

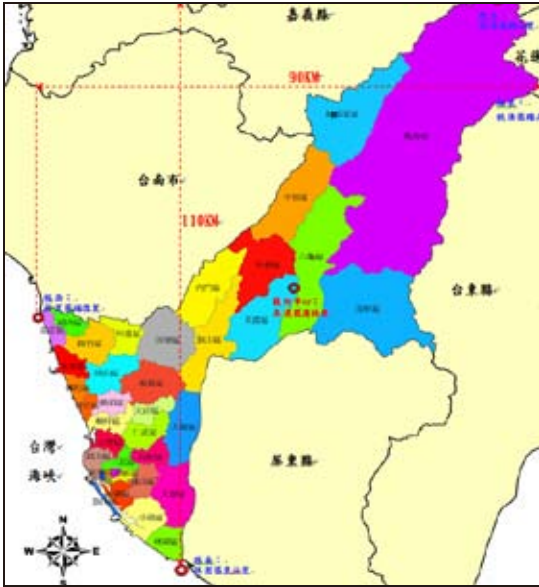


Figure 1-2 Kaohsiung area full map

remaining 48% of the City is hills and plains. The coastal area around the City is flat coast, which is straight and rising, and presents numerous lagoons and sand bars. The Port of Kaohsiung and Zuoying Naval Port are built on these lagoons and the island of Qijin is formed by sand bars.

Climate

Due to a low-latitude location and warm currents along the coast, the City has a higher temperature in comparison with the central and northern Taiwan. The coldest month is January and the hottest is July, with an annual rainfall of 2,549.4 mm. The dry and rainy seasons are clearly distinguishable. The rainy season extends from May to October with the prevalence of the southwest monsoon. Heavy rain is brought by typhoons between July and September. The dry season extends from November to April with the prevalence of the northeast monsoon.

IV. Traffic Transportation

Air Transport

Passenger and cargo traffic volumes of Kaohsiung International Airport (Tables 1-4 and 1-5)

Table 1-4 Passenger Traffic Volume

Unit: passenger

Year	Passenger Traffic Volume			
	Domestic	International	Total	Growth
2011	1,168,059	2,882,354	4,050,413	-0.06%
2012	1,271,599	3,193,327	4,464,926	10.23%
2013	1,243,457	3,402,463	4,645,920	4.05%
2014	1,200,962	4,195,966	5,396,928	16.16%
2015	1,138,281	4,863,206	6,001,487	11.2%
2016	1,283,724	5,129,504	6,413,228	6.86%
2017	1,293,076	5,184,918	6,477,994	1.01%
2018	1,339,850	5,633,995	6,973,845	7.65%
2019	1,418,483	6,088,270	7,506,753	7.64%

Source: Kaohsiung International Airport, Civil Aeronautics Administration, MOTC

Table 1-5 Cargo Traffic Volume

Unit: MT

Year	Cargo Traffic Volume			
	Domestic	International	Total	Growth
2011	3,670.0	51,688.4	55,364.4	-14.63%
2012	3,498.3	50,605.6	54,103.9	-2.28%
2013	3,749.4	51,362.6	55,112.0	1.86%
2014	4,008.5	64,758.6	68,765.1	24.77%
2015	3,340.9	59,690.3	63,031.2	-8.34%
2016	3,108.7	68,334.8	71,443.5	13.35%
2017	2,874.5	77,565.1	80,439.6	12.59%
2018	3,171.8	70,311.9	73,483.7	-8.65%
2019	3,072.0	61,571.9	64,643.9	-12.03%

Source: Kaohsiung International Airport, Civil Aeronautics Administration, MOTC

Sea Transportation

1. Shipping

Apart from being Taiwan's largest international commercial port, the Port of Kaohsiung is also the major cargo import/export port in southern Taiwan and one of the world's leading container hubs. With excellent port condition, well-equipped port

facilities, low shipping cost, and high work efficiency, the Port of Kaohsiung provides shipping companies with the best services and enhances Taiwan's export trade competitiveness as it links the worldwide network of shippers.

2. Cargo Throughput and Cargo Handling Volume (Table 1-6 and Table 1-7)

Table 1-6 Cargo Throughput

Unit: MT

Year	Total	Incoming	Outgoing
2011	123,931,900	87,204,585	36,727,315
2012	120,756,000	84,392,281	36,363,719
2013	115,034,300	79,659,474	35,374,826
2014	122,950,812	86,056,642	36,894,170
2015	110,901,929	76,330,983	34,570,946
2016	116,620,816	80,139,224	36,481,592
2017	116,070,972	81,425,957	34,645,015
2018	118,797,570	83,947,266	34,850,304
2019	114,024,829	78,287,316	35,737,513

Source:

1. MOCT Data Query Website (<https://stat.motc.gov.tw/>)
2. Statistics were produced two months later after acquiring the data of import/export declarations from Customs Administration.

Table 1-7 Cargo Handling Volume

Unit: freight ton

Year	Total	Loading			Unloading		
		Subtotal	Container	General Cargo	Subtotal	Container	General Cargo
2011	437,641,572	191,246,889	173,593,233	17,653,656	246,394,683	173,313,153	73,081,530
2012	440,301,297	194,913,900	176,563,341	18,350,559	245,387,397	175,560,615	69,826,782
2013	441,452,925	196,039,888	178,392,087	17,647,801	245,413,037	179,365,797	66,047,240
2014	467,809,429	209,143,380	191,124,000	18,019,380	258,666,049	190,236,069	68,429,980
2015	450,383,327	201,337,590	184,941,180	16,396,410	249,045,737	184,577,949	64,467,788
2016	456,376,592	205,105,523	187,581,816	17,523,707	251,271,069	187,203,744	64,067,325
2017	450,042,900	202,631,469	184,155,948	18,475,521	247,411,431	183,405,132	64,006,299
2018	458,925,457	205,735,097	186,562,134	19,172,963	253,190,360	186,966,549	66,223,811
2019	457,167,304	203,205,554	185,623,065	17,582,489	253,961,750	187,002,936	66,958,814

Source: MOCT Data Query Website (<https://stat.motc.gov.tw/>)

Land Transport

1. Public Transport

Kaohsiung's public transport system carried 138,244,301 passengers in 2019. (Table 1-8)

Table 1-8 Annual Passenger Traffic Volume of Kaohsiung's Public Transport System

Year	Bus	Metro	Annual Total
2011	41,106,365	49,636,631	90,742,996
2012	45,291,573	56,480,381	101,771,954
2013	46,773,873	60,692,697	107,466,570
2014	58,532,069	61,308,024	119,840,093
2015	65,896,223	60,203,487	126,099,710
2016	65,710,340	63,920,699	129,631,039
2017	67,733,243	66,467,415	134,200,658
2018	69,497,698	68,086,213	137,583,911
2019	67,827,873	68,738,769	138,244,301

Note: 1. The traffic volume of taxi, water bus, and public bike is included in the bus traffic volume as of 2014.

2. The light rail traffic volume is included in the metro traffic volume as of 2016.

Source: Transportation Bureau of Kaohsiung City Government



2. Watercraft

By 2019, Kaohsiung City Shipping Co., Ltd. has 9 ferries, 3 cruise ships, and 12 solar boats offering river and harbor recreational (transportation) services. (Tables 1-9 、 Tables 1-10 、 Tables 1-11)

Table 1-9 Ferry Traffic in Kaohsiung City

Year	Q'ty (vessel)	Route (line)	Voyage (time)	Passenger (person)	Revenue (NT\$, VAT inclusive)	Average Loading per Vessel (person)
2011	9	3	133,496	6,441,548	83,676,464	715,728
2012	9	3	133,731	6,762,576	89,340,112	751,397
2013	9	3	133,369	7,099,032	92,524,264	788,781
2014	8	3	121,149	7,050,177	89,960,410	881,272
2015	8	3	134,880	6,722,846	107,614,307	840,356
2016	8	3	129,842	6,301,727	117,399,289	787,716
2017	8	3	128,635	6,190,187	112,509,256	773,773
2018	9	3	131,950	6,383,114	101,200,902	709,235
2019	9	3	135,120	6,577,324	98,997,555	730,814

Source: Kaohsiung City Shipping Co., Ltd.

Table 1-10 Tourist Cruise Ship Traffic in Kaohsiung City

Year	Q'ty (vessel)	Route (line)	Voyage (time)	Passenger (person)	Revenue (NT\$)	Average Loading per Vessel (person)
2011	2	1	1,483	47,053	9,188,895	23,527
2012	2	2	417	27,549	9,503,984	13,775
2013	2	2	488	32,370	8,574,700	16,185
2014	2	2	836	39,178	11,272,938	19,589
2015	3	3	314	20,065	9,274,719	6,688
2016	3	3	406	21,928	9,104,651	7,309
2017	3	3	98	7,695	2,894,222	2,565
2018	3	3	255	26,811	4,957,207	8,937
2019	3	3	412	41,770	4,820,842	13,923

Source: Kaohsiung City Shipping Co., Ltd.

Table 1-11 Love Boat/Solar Boat Traffic in Kaohsiung City

Year	Q'ty (vessel)	Route (line)	Voyage (time)	Passenger (person)	Revenue (NT\$)	Average Loading per Vessel (person)	
2011	Love Boat	15	1	7,126	108,990	31,873,107	36,670
	Solar Boat	5	1	11,987	367,723		
2012	Love Boat	5	1	2,567	52,460	31,749,920	39,420
	Solar Boat	8	1	15,779	460,002		
2013	Solar Boat	10	1	17,219	536,428	43,408,206	53,643
2014	Solar Boat	12	1	14,064	473,753	37,073,263	39,479
2015	Solar Boat	12	1	13,025	392,559	28,544,011	32,713
2016	Solar Boat	12	1	10,783	303,198	15,739,115	25,267
2017	Solar Boat	12	2	11,507	290,937	33,040,118	24,245
2018	Solar Boat	12	1	10,353	258,849	28,980,684	21,571
2019	Solar Boat	12	1	11,043	332,347	35,734,630	27,696

Note: Solar boat operations and management were outsourced to Dapeng Bay Yachts Co., Ltd. as of June 1, 2016.

Source: Kaohsiung City Shipping Co., Ltd.

V. Organization and Duties of City Government

Organization system and duties

The adjustment of organizational affairs of Kaohsiung City Government was based on the macro vision developed in Great Kaohsiung area. There was comprehensive consideration of the cultural characteristics of the county and city organization, business duties' nature, economic environmental changes, as well as the needs of disaster prevention, reconstruction of disaster-hit places, and rearrangement of common living circle after reorganization. When it was ensured that the rights and benefits of staff members were completely protected, organizational consolidation was carried out, establishing 25 Bureaus, namely Civil Affairs, Finance, Education, Economic Development, Marine, Agriculture, Tourism, Urban Development, Public Works, Hydraulic Engineering, Social Affairs,

Labor, Police, Fire, Public Health, Environmental Protection, Mass Rapid Transit, Cultural Affairs, Transportation, Legal Affairs, Land Administration, and Information, Substance Abuse Control and Prevention, Sports Development and Youth Bureau; 4 Offices, namely Administrative and International Affairs, Accounting and Statistics, Personnel, and Civil Service Ethics; and 3 Commissions, namely Research, Development and Evaluation, Indigenous Affairs, and Hakka Affairs, having a total of 32 first-level agencies. Besides, there are 35 district offices, 3 mountain indigenous district offices, and 137 subordinating agencies, with a total of 204 agencies (exclusive of the aboriginal areas in the mountains); and 355 schools of different levels (inclusive of open university and kindergartens).

Disposition and number of civil servants

The staffing of each agency or school of the City Government was based on the consideration for the actual business needs and financial burden. Under the principles of “flexibility, smartness, effectiveness,” cautious and reasonable staffing was made. In 2019, there were 36 staff working in the main office of the City Government, 6,081 staff working in first-level agencies, 14,681 staff working at district offices (not including mountain indigenous district offices) and second-level agencies, and 21,757 staff working at schools of different levels, with a total of 42,555 staff employed.

On Jan. 1, 2017 Public Agency of Kaohsiung Cultural Institutes, an independent administrative institution, was established to manage the Kaohsiung Museum of History and Kaohsiung Film Archive, and included Kaohsiung Museum of Fine Arts to its scope of Management on Jul. 1, 2017. Besides, on Sep. 1, 2017, two independent administrative institutions were established for Kaohsiung Public Library and Kaohsiung Pop Music Center with self-governance regulations formulated. There was a total of 3 independent administrative institutions established.

Table 1-12 Table of the Functions of First-Level Agencies and District Offices of Kaohsiung City Government

Departments	Duties
Administrative and International Affairs	Public affairs, reception of visitors, liaison with other units, confidential and synthetic businesses, staff management, investigation and handling of the complaints, statements of grievance, reports of offence from the public, consumers protection business, etc.
Civil Affairs Bureau	Division of administrative districts, administration of districts and villages, self-governance administration, household registration administration, grand meeting of village residents, meeting of foundation level, small-size construction project of village, coordinating and cooperating items of citizen-based organizations, registry, guidance and management of religions, temples and churches, survey and guidance of spiritual altar, mediation business, cemetery management, funeral services, military affairs, mobilization and supervision of military service administration, etc.
Finance Bureau	Financial administration, planning and examination of annual budget, financial supervision and tax administration of the government-run (public) utilities, planning and supervision of the profits from construction project, monetary management, tobacco and wine management, issue of bonds, management, planning, profit and use city-owned (non-city-owned) properties, inspection and auditing of the use, management of property registration data, concentrated payment of public funds, examination and auditing of Kaohsiung City Treasury checks, etc.
Education Bureau	Formal education at different levels, social and special education, physical and hygienic education, training, registration, and qualification assessment of teachers, supervision, evaluation and development policies of schools of different levels and social education agencies, military training and health care education in schools of secondary level or above, etc.

Departments	Duties
Economic Development Bureau	Registration, management and counseling affairs of industrial administration and commercial administration, supervision of public utilities run by the government and the private sector, planning and management of investment invitation and marketing, giving advice to manufacturers on making investment plans, management of open markets run by the government and the private sector, planning of open markets, handling of buildings on construction land, planning, registration, certificate issue and management affairs of stalls for vendors, etc.
Agriculture Bureau	Planning of agricultural development and synthetic village development, village revival and recreational agriculture, farmland management affairs, production and management of agricultural food crops, guidance of farmers association, welfare of farmers, ecological conservation, forestry administration, etc.
Marine Bureau	Ocean pollution control, conservation of marine living resources, oceanic administration affairs, ocean-related industrial development and guidance, marine leisure and recreation, issue and change of licenses for fishing boats and crew, entry and exit control of fishing boats and crew, mediation of fishing boat operation disputes, coordination and planning of land and public facilities in the regions of fishing harbors, planning and management of fishing harbors, coordination between municipal and harbor affairs, advisory guidance for fishermen associations, welfare of fishermen, guidance and assistance for fishing market affairs, etc.
Tourism Bureau	Drafting of tourist strategies, making development plans for tourist businesses, development of tourist resources, counseling, management and promotion of travel industry, hotel industry, tourist hotel industry and other tourist industries, preparation and holding of important tourist activities, demand and supply prediction, planning, design and construction of tourist facilities, environmental greening and landscape protection in scenic spots, management for raising and protection of animals in the zoo, etc.
Urban Development Bureau	Major and detailed landscape planning, formulation and review of city renovation plans, urban renovation, capital collection of urban development fund and national residential building fund, use, keeping and loan of fund, collection of capital and interest, formulation of residential policies and plans, implementation of urban renovation plans, evaluation, inspection and acceptance of valued projects, urban survey and measurements, etc.
Public Works Bureau	Examination, approval, guidance, coordination and supervision of public works, research and development (R&D) of construction techniques, integration of construction interfaces, building management and construction, series of inspection of construction work, issue of construction license, disposal of illegally constructed buildings, new business registration of architect, registration of residential building, interior decoration, erection of business plate, management of advertisement, auditing of government purchases, appraisal, random checking and analysis of construction materials, survey, approval and control of piping and wiring, planning of public facilities, etc.

Departments	Duties
Water Resources Bureau	Hydraulic engineering projects of waste water sewers, rainwater sewers and regional drainage, acceptance inspection and skill evaluation of these projects, operation, maintenance and management of sewage treatment plant, inspection, analysis, statistics and report of water quality, water and soil conservation on hillside, conserved land for reuse, resource survey plan, slope conservation, flood control, etc.
Social Affairs Bureau	Social administration, organization and training of private organizations, welfare service, maintenance and protection of the rights and interests of disabilities, maintenance and protection of the rights and interests of children and teenagers, maintenance and protection of the rights and interests of women, families under special conditions and new immigrants, social aid and cooperative administration, community development, statistical analysis of social surveys, social services, etc.
Labor Affairs Bureau	Labor organization, guidance and education, labor conditions, labor safety and hygiene, labor inspection, relationship between labor and employer, resolution of labor disputes, labor welfare, insurance, employment guidance, vocational training, skill examinations, etc.
Police Department	Duty planning, allocation of police force, city cleaning, specific business management, maintenance and control of economic order, planning of security police measures, wartime police work, traffic order management, planning and implementation of household visits, synthetic organization, training and protection of civil defense corps, supervision of civil defense groups, management of alien residents (visitors), handling events involving aliens, security defense, collection and processing of security information, etc.
Fire Bureau	Fire prevention plan, inspection of firefighting and safety equipment, handling of violation cases against fire prevention, management, grouping and training for fire controllers, planning and guidance of rescue in disaster and emergency aid, measures of emergency response, educational training for firefighters, management of public dangerous objects, investigation of fire causes, identification work, etc.
Department of Health	Business and occupational health, anti-epidemic health care, management of medical organization, emergency aid in disaster, pharmaceutical administration, health management of drugs, cosmetics and food hygiene, public health care, family plan, women's and children's hygiene, health planning, health education, public health inspection, etc.
Environmental Protection Bureau	Prevention and control of public harm, such as air, water and noise pollution; burial of pollutant, control of insect harm, dredging of conduit, sterilization of environment, excrement disposal, management of public toilets, management of poultry and livestock raising, biochemical inspection of air, water quality and biochemical inspection of fertilizer, etc.

Departments	Duties
Mass Rapid Transit Bureau	Various development plans of mass rapid transit (MRT) system, management and planning of united development and operation, collection of fund, income and expenditure planning of finance, fixing of rate, civil engineering construction, power supply, environmental equipment, trains, communication and control system facilities in the environments, land requisition for MRT project, negotiation and distribution of compensation for demolishment, management of road right, etc.
Bureau of Cultural Affairs	Study and formulation of cultural policies, systems, and regulations, planning and promotion of cultural exchanges, training of cultural talents, survey, research and maintenance of cultural resources, cultural and historical information, ancient relics and products, and folk customs, planning and implementation of activities of tribal culture, life, rituals, public arts and environmental landscapes, etc.
Transportation Bureau	Formulation of traffic and transportation policies, general planning of land-sea-air transportation systems, auditing of parking management, planning, design, construction and operation of government-operated parking places, management of road vehicle transportation industry, supervision of the investigation of traffic accidents, review of accidents, road traffic control, planning, design, construction and maintenance of traffic signs, signals and safety facilities, etc.
Legal Affairs Bureau	Formulation, explanation, deliberation and consulting of laws for different bureaus and departments, consulting of general laws, legal services, rearrangement of legal regulations, deliberation of appeals and state compensation cases, etc.
Land Administration Bureau	Survey of land ownership, land measurement, land registration, fixing of land value, land requisition according to declared land value, deadline for use of vacant land, clearance and restriction of land right, assistance for farmers, land requisition, use of public land, re-planning of land, land requisition in lots and sections, etc.
Information Bureau	Promulgation of administrative orders (achievements), collection of public opinions, announcement of city government news, news liaison, the editing, printing and issue of various books of urban administration, collection of news information, editing, administration and management of foreign materials translation and publication, film launching, video programs, and cable television businesses, etc.
Substance Abuse Control and Prevention	Planning and integration of drug control strategies, counseling of special situations in communities, family counseling, crisis management, studies of prevention, comprehensive synthesis of the trend, international exchange activities, etc.
Sports Development	Promotion of sports industry, guidance for and management of sports venues, preparation for establishment of sports activities and competitions, cultivation of excellent sports talents, planning of sports development strategies, construction and operation of facilities, international sports exchange activities, etc.

Departments	Duties
Youth Bureau	Youth development policy, youth participation in international and cross-strait exchange and experiential learning, construction of public participation platform, multiple housing assistance program for young people, operation of youth entrepreneurial base, entrepreneurship guidance courses, counseling and guidance from mentors for new venture, entrepreneurship competition and forum, maker training, entrepreneurship social network exchange, organization and operation of youth enterprise development fund management committee, investment and subsidy of youth enterprise fund, loan for youth enterprise, etc.
Department of Budget, Accounting and Statistics	Formulation, examination, execution and review of the preliminary estimate, budget and budget settlement of various agencies, implementation of formulated accounting systems, supervision and improvement of accounting affairs, planning, execution, supervision and auditing of government statistical affairs, etc.
Personnel Department	Subdividing the organization into bureaus, sections and divisions, distribution of duties to different groups, allocation of responsibilities to different levels, synthesis of personnel regulations, examination, distribution, recruitment, dismissal, transfer, proficiency assessment, reward, punishment, performance assessment, protection, services, overseas trip, training and further studies for staff, remuneration, welfare, insurance, retirement, pension, personnel information, personnel data management, etc.
Civil Service Ethics Office	Promotion of administrative integrity, suggestions for reforms, evaluation, reward and punishment, prevention, detection and handling the disclosed cases of malfeasance, enforcement of confidentiality of government secrets, etc.
Research, Development, and Evaluation Commission	Research and development (R&D) of the municipal work, promotion, examination and compilation of mid-term and long-term plans and annual policy plan operation, survey of citizens' viewpoints, administration reforms, validity of official documents, important projects, control, supervision and assessment on the services for citizens, administration staff members for collection, investigation and analysis of urban planning information.
Indigenous Affairs Commission	Cultural heritage of indigenous peoples, protection of rights and privileges of indigenous peoples, survey and analysis of socio-economic data, cultivation of talents, employment advice for indigenous peoples, formulation, implementation, and execution of indigenous policy, regulations, and system, etc.
Hakka Affairs Commission	Planning of Hakka affairs and policies, preservation and promotion of traditional Hakka culture, development of Hakka language, studies of Hakka rituals, cultivation of traditional Hakka folk customs and fluent Hakka language talents, Hakka artistic and cultural creation, and guidance for Hakka groups, cooperation and exchanges of local and foreign Hakka affairs, etc.

Departments	Duties
Open University	Provision of continuing education for adult residents, promotion of lifelong education, etc.
District Offices	Established with the sections of civil affairs, social services, economic construction, agriculture, etc. to deal with various businesses and the tasks authorized by Kaohsiung City Government.

Table 1-13 Current Status of Civil Servants and School Teachers of Kaohsiung City Government

■ Age

Year	Total	Sub-total		Below 19		20-29		30-39	
		Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
2018	37712	19831	17881	0	0	2316	536	5313	4806
2019	37932	20079	17853	0	0	2425	517	5236	4238

40-49		50-59		Above 60		Average	
Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
6940	9003	4710	3314	552	222	42.42	42.31
6557	8982	5211	3874	650	242	42.64	43.95

■ Education Level

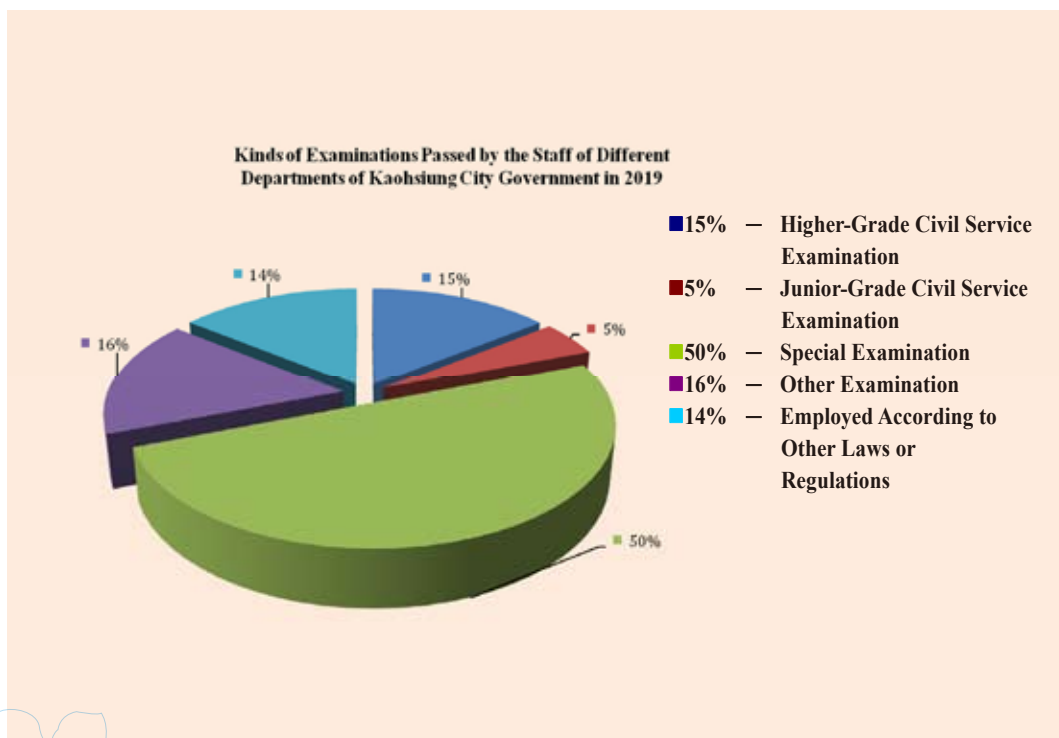
Year	Total	Sib-total		Ph.D. Degree		Master Degree		University	
		Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
2018	37712	19831	17881	96	375	3849	11742	8828	5727
2019	37932	20079	17853	115	379	3953	12101	9153	5333

College		Senior (Vocational) High School		Junior High School or Below		Others	
Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers	Civil Servants	School Teachers
5107	33	1944	4	7	0	0	0
5001	36	1851	4	6	0	0	0

■ Examination

Year	Total	Sub-total		Civil Service Examination					Educators
				Higher-Grade Civil Service Examination	Junior-Grade Civil Service Examination	Special Examination	Other Examination	Employed According to Other Laws	
		Civil Servants	School Teachers	Civil Servants	Civil Servants	Civil Servants	Civil Servants	Civil Servants	School Teachers
2018	37712	19831	17881	2848	935	9902	3258	2888	17881
2019	37932	20079	17853	2922	966	10032	3250	2909	17853

Figure 1-3 Kinds of Examinations Passed by the Staff of Different Departments of Kaohsiung City Government in 2019



VI. Organization and Functions of The City Council

History

Kaohsiung City Council has been evolved through five stages:

1. Kaohsiung City Senate and Kaohsiung County Senate: established in April 13, 1946 and April 15 1946 respectively.
2. Kaohsiung City Council (provincial city) and Kaohsiung County Council: since January 11, 1951.
3. Kaohsiung City Provisional Council: since July 1, 1979.
4. Kaohsiung City Council (special city under direct jurisdiction of the Executive Yuan): since December 25, 1981.
5. Kaohsiung City Council: since December 25, 2010 when Kaohsiung City and Kaohsiung County were consolidated.

Prior to city-and-county consolidation, the City went through 9 terms as Provincial City Council, 1 term as Provisional City Council and 7 terms as Municipality City Council while the County Council went through 16 terms.

Following the consolidation on Dec. 25, 2010, Kaohsiung City Council has entered a new stage.

Organization

Elected from 15 constituencies, the Council consists of 66 councilors including one plain-land aboriginal councilor and 3 mountain aboriginal councilors. When council members are sworn into office, they elect a speaker and a deputy speaker. Councilors serve a term of 4 years and can be reelected without term limits. The 1st Assembly completed its term on December 25, 2014. The 2nd Assembly continued until December 25, 2018 when the current 3rd Assembly was formed and runs till December 25, 2022.

The Council's administrative staff includes Secretary General, Deputy Secretary General, and a number of offices: Secretariat Office, Conference Logistics Division, General Affairs Division, Documentations Division, Public Relations Office, Statute Research Office, Information Management Office, Personnel Office and Accounting Office.

All bills are categorized and reviewed by one of the 9 standing committees: Interior, Social Affairs, Finance, Education, Agriculture & Forest, Transportation, Hygiene and Environment, Local Public Works, and Legislation before being submitted to the Assembly for approval.



Appearance of Kaohsiung City Council building



Court of Kaohsiung City Council

Authority and Duty

The authorities and duties of the Council are as follows:

1. Resolution

To resolve city unitary statutes, city budgets and to review final account reports; to resolve the special levies, temporary levies and additional levies, to resolve the disposal of the City's properties; to resolve the autonomy regulations of the city government organization and subordinate business organizations and to resolve proposals made by councilors or city government.

2. Investigation

To clarify certain problematic cases, a task force can be authorized by the council assembly to carry out necessary investigations. A task force designated by the assembly or appointed by the speaker consists of 3 to 7 members. An investigation report has to be submitted to the assembly in 6 months, another 6 months can be extended if necessary.

3. Interpellation

Councilors are entitled to interpellate mayor and subordinate department chiefs and other personnel during each session. The interpellation should be answered orally right away; if restrained by time, written answers are applicable.

4. Right to propose

Councilors can make proposals to request the city government to do or not to do certain administrative activities. A proposal must be co-signed by at least 2 other councilors. At least 4 co-signers are required if the proposal is made to deal with emergency issues. The city government is responsible to carry out the resolutions passed by the council. Should there be problems that make a resolution not

feasible, a veto procedure must be started.

5. Right to receive citizen petitions

Citizens are entitled by law to petition the Council verbally or by writing; a petition becomes a proposal after it was received and passed by committee review.

6. Right to hold public hearings

The Council may hold public hearings to collect opinions from relevant authorities, interest groups and persons involved, experts, and scholars so as to help reviewing and resolving important proposals.

7. Other authorities granted by laws.



高雄市議會 2019 年元旦升旗典禮活動



高雄市議會 2019 年寒冬聯合送暖活動



CHAPTER 2



Political Development

- I. Local Autonomy and Election
- II. District and Village Administration
- III. Household Management
- IV. Grassroots of Minor Constructions
- V. Research and Development
- VI. International Affairs and Sister Cities Exchanges
- VII. Youth Affairs
- VIII. Military Service Administration
- IX. Land Administration
- X. Affairs of Indigenous People
- XI. Hakka Affairs
- XII. Information Development

■ 洲仔濕地／工務局提供

I. Local Autonomy and Election

Presidential and Vice Presidential Election

Promulgated by the Amendment of the Constitution of the Republic of China on August 1, 1994: “The president and vice president shall be directly elected by the entire population in the free areas of the Republic of China. This shall become effective from the election for the ninth-term

president and vice president in 1996.” Based on Article 32 of the Presidential and Vice Presidential Election and Recall Act, the Central Election Commission held the ninth presidential and vice presidential election on March 23, 1996. The electees assumed office on May 20 of the same year. The fifteenth presidential and vice presidential election was held on January 11, 2020.

Table 2-1 Overview of the 14th Presidential and Vice Presidential Election in the City

Term	Year	Total population	No. of qualified voters	Voter turnout	No. of electees	
					No. of candidates	Voter turnout rate (%)
15	2020	2,774,571	2,299,558	1,780,832	3:1	77.44

Source: Civil Affairs Bureau, Kaohsiung City Government

Election of Representatives at Large

The government has held numerous elections of representatives-at-large in order to reform

election affairs and promote constitutional democracy. After the city-county merger, the tenth legislator election was held on January 11, 2020, along with the fifteenth presidential and vice presidential election.

Table 2-2 Overview of the 10th Legislator Election in the City

Term	Year	Total population	No. of qualified voters	Voter turnout	No. of electees	
					No. of candidates	Voter turnout rate (%)
10	2020	2,266,452	1,757,859	1,507,918	48:8	77.56

Source: Civil Affairs Bureau, Kaohsiung City Government

Election of Local Public Officials

1. Mayoral Election

On November 24, 2018, Han Kuo-Yu was elected the third mayor after the county-city merger and reorganization, and was sworn into office in the same year on December 25.

2. City Councilor Election

On November 24, 2018, 66 councilors were elected at the third local election after the county-city merger and reorganization, among which were 40 male councilors and 26 female councilors. They were sworn into office in the same year on December 25. Hsu Kun-Yuan was elected the speaker and Lu Shu-Mei the deputy speaker.

3. Election of Chiefs of Villages

On November 24, 2018, 889 village chiefs were elected at the third local election after the county-city merger and reorganization, and were sworn into office in the same year on December 25. However, village chiefs of Anhe Village, Sanmin District and Bosiao Village, Cianjin

District were not sworn into office until January 15, 2019 due to the re-election on January 5, 2019.

Article 82 of the Local Government Act prescribes that where the chief of village resigns, is removed from office, or in the event of death, the District Office shall appoint an acting chief of village, and the City Government shall be informed in writing. A supplementary election shall be completed within three months from the day of such event. Provided, however, if the remaining term is not more than two years, no supplementary election shall be held; the acting chief of village shall serve until the expiration of the current term of office. Paragraph 2, Article 82, of the same Act prescribes that where the chief of village is suspended from his/her position, the District Office shall appoint an acting chief of village. As of March 11, 2020, eleven village chiefs were dismissed/suspended or deceased, and seven of them have been re-elected. The district office personnel are acting on the chief's behalf in the other four villages. Re-election will be held within three months.

II. District and Village Administration

District and Village Organization

A district office is staffed with a supervisor, who is responsible for district administration under the mayor's order and the direction of the director-general of the Civil Affairs Bureau. Villages are established under a district. An office is set up in every village and staffed with a chief. The chief of village is under the direction of the district supervisor to handle village administration and assignments. Neighborhoods are established under a village, and the neighborhood office is staffed with a head of neighborhood, who takes charge of

neighborhood administration and assignments under the direction of the chief of village.

There are 38 administrative districts, 891 villages, and 17,342 neighborhoods in the City (as of the end of December 2019). Three mountain aboriginal districts: Maolin, Taoyuan, and Namasia, were reformed as autonomous groups on December 25, 2014.

Based on the Regulations on Villages and Neighborhoods Marshalling and Adjustment in Kaohsiung City, the criteria for village and neighborhood marshalling in the City are listed as follows:

1. Village Marshalling:

- (1) The number of households for residential areas with high-density buildings should essentially be between 1500 and 3000.
- (2) The number of households for populated villages with easy access to transportation should essentially be between 700 and 2000.
- (3) The number of households for villages with a sparse population and easy access to transportation should essentially be between 500 and 1200.
- (4) The number of households for villages in suburban or mountainous areas, villages with difficult access to transportation, villages with a sparse population, or villages where residents can have communication with each other only on foot should essentially be 300.

2. Neighborhood Marshalling:

- (1) The number of households for populated neighborhoods should essentially be between 20 and 200.
- (2) The number of households for neighborhoods with a sparse population should essentially be between 10 and 70.

Organization of District Office

After merging, each district office established related departments and sections for civil affairs, social affairs (social and economic affairs), economic planning and development, conscription and disaster prevention and protection, agriculture (agricultural development), fishery, secretariat, accounting, human resources, and civil service ethics based on the different local characteristics and circumstances, enabling each district office to effectively process tasks authorized by the City Government. In addition, the organization and marshalling of the District Offices of Maolin, Taoyuan, and Namasia

aboriginal districts shall be deliberated and adopted by the respective District Council.

Village Assembly and Seminar of Local Infrastructure Projects

1. The Local Government Act was promulgated and took effect on January 25, 1999. In accordance with Article 60 of this law, the former Kaohsiung City Government submitted the Self-governance Act of Village Assemblies and Seminars of Local Infrastructure Projects in Kaohsiung City to the city council for revision and approval on October 18, 2000, and formulated the Guidelines for the Promotion of Village Assemblies and Seminars of Local Infrastructure Projects in All Districts of Kaohsiung City as a basis for convening village assemblies and seminars of local infrastructure projects. After merging, the Implementation Regulations for Village Assemblies and Seminars of Local Infrastructure Projects in Kaohsiung City was formulated and promulgated on February 21, 2011, in response to current needs, and the Directions for Convening Village Assemblies and Seminars of Local Infrastructure Projects in All Districts of Kaohsiung City was approved in the 22nd municipal administration meeting as a basis for convening village assemblies and seminars of local infrastructure projects.
2. A total of 14 assemblies and seminars were held in 14 villages (7 village assemblies in 7 villages and 7 seminars of local infrastructure projects in 7 villages) in 2018. A total of 175 proposals (resolutions) were brought up in the assemblies and seminars. Statistics showing the attendance of village assemblies, proposals (resolutions) brought up in the assemblies, and their processing status are listed below:

Table 2-3 Overview of Village Assemblies and Their Proposals (Resolutions) in Kaohsiung City

Year 2019		
Attendance	Total No. of Households	16,197
	No. of Attendees	1,581
	Percentage	12.85
Proposals (Resolutions)	Civil Affairs	9
	Finance	1
	Construction	4
	Education	3
	Public Works	57
	Water Conservancy	16
	Social Affairs	1
	Agriculture	5
	Labor	0
	Police	6
	Fire	0
	Health	1
	Environmental Protection	12
	Transportation	37
	Land Administration	3
	Conscription	0
	News	0
	Public Housing	0
	Telecommunications	0
	Electricity	0
	Postal Affairs	0
	Water	3
	Others	17
Total	175	

Source: Civil Affairs Bureau, Kaohsiung City Government

- (1) A total of 1,581 out of 16,197 households in 14 villages attended the assemblies, which accounts for an attendance rate of 12.85%.
- (2) Processing status of proposals (resolutions):
- A. Completed: 123 cases (70.2%)
 - B. To be settled to accommodate relevant construction works: 5 cases (2.9%)
 - C. Listed in the 2019 annual budget review: 3 cases (1.7%)
 - D. Suspended for comprehensive review: 33 cases (18.9%)
 - E. Unable to process due to limited budget: 3 cases (1.7%)
 - F. Unable to process due to regulations: 3 cases (1.7%)
 - G. Others: 2 cases (1.1%)

III. Household Management

The objective of the household registration administration is to carry out household registration, reinforce household registration administration, and strengthen public services. As of the end of 2019, a total of 1,110,051 households and 2,773,198 citizens were elucidated in the City.

Reinforcing Household Registration Administration

1. Reinforcing the household registration of people entering/leaving the country: If one person leaves the country without re-entry for over two years, he/she has to arrange move-out registration in accordance with the Guidelines for Population Reports Regarding Nationals who Leave the Country Without Re-Entry for Two Years.
2. Strengthening household registration examination:
 - (1) Notices are sent to applicants who fail to complete the household registration procedures, explaining the actual situation in detail to the applicants and allowing the applicants to successfully complete registration on the next application.
 - (2) Receipts are issued to applicants of registration in cases that require more than one day to complete. The estimated time of completion should be stated clearly on the receipt.

- (3) A total of 3,935,184 household registration cases were processed in 2019.
3. Reinforcing precautionary measures to prevent false reports regarding population movement:
 - (1) From January 1 to December 31, 2019, a total of 19,047 people were elucidated for suspicious movement, with 18,242 confirmed to be living in the City. In accordance with laws and regulations, 794 people who had given false reports arranged the annulment of move-out registration or made move-out registration themselves.
 - (2) Policemen at local police stations conducted home visits to households within their jurisdiction with data obtained from the household registration and conscription information system. When any discrepancy between the actual household status and the data was detected, they reported the discrepancy to the household registration office in accordance with laws and regulations.

Strengthening Public Services

1. Introducing Taiwan's First Kaohsiung City Household Registration Portal APP
The Kaohsiung City Government launched the Kaohsiung City Household Registration Portal APP in July 2016 to improve the

registration process. Through the APP, citizens are able to instantaneously register their household by scanning or photographing the application form and relevant documents and uploading them to the operating system. Applicants can later visit a household registration office to pick up their documents. The APP greatly reduces wait time and provides additional services, such as online reservation, latest news, household registration announcements, and online query and search. As of December 2019, the APP has been downloaded 5,216 times, 3,987 applications have been handled by the system, and 3,115 reservations have been made via the system.

2. Introducing Taiwan's First "Mobile Household Registration Services"

Kaohsiung City launched the "Kaohsiung City Mobile Household Registration Services" in September 2015. Mobile stations shall travel to the Bank of Taiwan, Senior Citizen's Service Center, Chen Shiu University, I-Shou University, and Peaceful Villa to provide convenient household registration services. Starting from September 2016, all household registration offices in Kaohsiung provide this service, and a total of 64,168 cases have been handled as of the end of December 2019. These services eliminate the inconvenience for busy citizens to schedule appointments with registration offices to handle household registration, gaining considerable public recognition.

3. Promoting Innovate "Mobile Counter" Services

(1) In response to the trends of the digital age, the Kaohsiung City Household Registration Office launched the innovative "mobile counter" services to provide personalized, immediate, and interactive services to the public. Service representatives walk away from physical counters with their tablet

computers to provide mobile consultation and preview services to the public. Using platforms such as the "Household Registration Service Website" and the "Household Registration Portal App," the Household Registration Office can provide the public with various correct and up-to-date information regarding household registration services and announcements, convenience measures, and the latest household registration laws and regulations.

(2) The "preview services" provided by the mobile counters allow service representatives to preview applications and check that all relevant documents are prepared, reducing applicants' complaint about excessively long waiting times. A total of 686,911 cases were handled in 2019.

4. Establishing a Household Registration Service Network

The Kaohsiung City Government Civil Affairs Bureau launched the "Kaohsiung City Household Registration Service Website." The services listed on the website are classified into five major themes, specifically, household registration services, case laws, convenience services, population statistics, and new immigrant services. In the areas for each theme, the website details the latest news in household registration, household registration cases, and laws and regulations. Various household registration offices may sync with the website to achieve information sharing. To comply with extant smartphone and tablet computer trends, there are desktop and mobile versions of the website. The mobile version allows the public to browse the website on any mobile device at any time.

5. Outcomes of improving service attitude and public service measures, revising outdated laws and regulations, and simplifying

procedures are listed below:

- (1) Accepted applications for household registration transcripts and certificates via letter and telephone: 2,611 cases.
 - (2) Authorized to handle cases of movement registration: 5,050 cases.
 - (3) Assisted people with mobility difficulties in various household registration services: 3,331 cases.
 - (4) Accepted applications before office hours under flexible working schedule arrangements: 8,810 cases.
 - (5) Accepted applications during lunch breaks under the flexible working schedule arrangement: 227,817 cases.
 - (6) Accepted applications during weekends under the program of 6912 Household Registration Weekend Service: 55,275 cases.
 - (7) Discovered suspicious population movement: 2,256 cases.
 - (8) Home services of seal and identification card services for seniors or people with mobility difficulties: 1,646 cases.
 - (9) Accepted requests from the public and registered requests: 152,572 cases.
6. Establishing a video public service system:

In order to facilitate applications for various revenue services, 16 household registration offices, including Meinong (include Liouguei), Yanchao, Lujhu, Zihguan (include Mituo), Linyuan, Dashe, Hunei, Cishan (include Jiasian, Shanlin, and Neimen), Maolin, Taoyuan, and Namasia, have undergone collaboration with the Revenue Service Office, Kaohsiung City. Video systems are installed in these household registration offices to connect with the Fongshan, Daliao, Gangshan, and Cishan Branches of the Revenue Service Office, enabling the public to apply for revenue services in the household registration offices.

A total of 28,431 cases were handled in 2019.

7. The N-in-1 “Inter-Departmental Household Registration Reporting Service:”

The Inter-Departmental Household Registration Reporting Service through Public Information Platform was improved to provide N-in-1 services, so that citizens can save time by filling out a consent form and checking the items for which they apply when filing for moving domicile or changing name. Officers of the registration offices will register the data online and send the consent form to the relevant authorities for completion of the procedures of changing address or name. A total of 514,835 applications were processed in 2019.

8. Assisting the Ministry of the Interior in issuing citizen digital certificates:

To facilitate the application of Citizen Digital Certificates and promote the e-government program, the public can apply for their Citizen Digital Certificates online and no longer have to physically travel to and from the household registration office. Through the employment of numerous security mechanisms, such as “digital signatures” and “public keys,” online identity recognition and encryption and decryption functions are improved, thereby protecting applicants’ interests. A total of 54,322 certificates were issued in 2019.

9. Assist the Ministry of Foreign Affairs in recognizing the identity of passport applicants:

To avoid fraudulent applications, the City implemented the measure of “Recognizing the Identity of Passport Applicants” in collaboration with the Ministry of Foreign Affairs. First-time passport applicants who cannot present themselves at the Bureau of Consular Affairs (BOCA), Ministry of Foreign Affairs, in Taipei, or the branch offices of MFA in Taichung, Kaohsiung, Hualien, and Chiayi can alternatively go to any household registration office nationwide to complete the passport

application form and have their identity authenticated. Applicants can then authorize a travel agency, relative, or colleague to apply for the passport with the completed application form and required documents at the BOCA, Ministry of Foreign Affairs, in Taipei or the branch offices of MFA in Taichung, Kaohsiung and Hualien. A total of 35,825 applications were accepted in 2019.

10. The Central Household Registration Office introduced the sign language service for hearing or verbally impaired applicants, assisting them in more rapidly completing their applications. In addition, to expand the service for citizens with hearing impairment, Skype video conferencing is introduced for the sign language service, so that people with hearing impairment may get “inter-office sign language online enquiry service” by linking to Fongshan First Office via video conferencing equipment during the office hours of the household registration office. Sign language service was provided for 31 cases in 2019.
11. The “Friendly Service Counter” was set up to provide express household registration services:

From November 1, 2014 onwards, the household registration offices of the City have introduced the “Friendly Service Counter,” expanding the original service for the elderly people and people with mobility difficulties to include care for women and children. Services may include care for pregnant women and people carrying babies, providing service for these citizens without requiring them to acquire a queue ticket or wait. They are escorted to the service counter directly by a volunteer or service officer. A total of 8,867 cases were serviced in 2019.

12. The City implemented cross-regional cooperation with off-island and remote areas:

To expand and enhance public services, the City implemented cross-regional cooperation

with Penghu, Kinmen, Lienchiang, Taitung, Hualien and Pingtung. All household registration offices of the City began providing administrative assistance in accepting applications for household registration items, such as birth (including adoption), or registration of aboriginal identity, in order to save citizens from traveling. A total of 72 cases were processed in 2019.

13. Promoting video legal consultation service in cross-regional cooperation with the Legal Aid Foundation:

To help people in the City who reside in remote areas to get legal consultation resources for resolving legal problems they encounter, the City cooperated with the Legal Aid Foundation to provide free video legal consultation service by appointment at 19 household registration offices, including Cijin, Fongshan Second Office, Dashu, Dashe, Renwu, Niaosong, Ciaotou, Yanchao, Alian, Hunei, Zihuan, Cishan(include Jiasian, Shanlin, and Neimen), Meinong, Maolin, Taoyuan, and Namasia, by means of computer conferencing functions. The service allows citizens who need professional legal services to get legal aid resources and ensures their rights to service. A total of 8 cases were processed in 2019.

14. Paying household registration fees and charges by iPass:

All household registration offices of the City have accepted payment of fees and charges by iPass to ensure convenient payment of household registration fees and charges and reduce risks of erroneous collection and changes of money by household registration officers or trade with counterfeit bank notes. Moreover, the electronic reconciliation system may ensure accurate and rapid completion of account settlement, save time and effort in fees and charge management procedures, and enhance

administrative efficiency. A total of 71,276 cases were processed in 2019, involving an amount of \$1,120,793.

15. Initiating Mobile Payment for Administration Fees

On July 1, 2018, Kaohsiung City Household Registration Offices made credit card payment and smartphone APP payment options available for all household registration fees including service fees for household registration transcription, national ID cards, household certificate, seal certificate, and citizen digital certificate. This is a convenient and efficient service, and citizens no longer need to bring cash or change. As of the end of December 2019, a total of 24,118 cases were processed, which amounted to NT\$507,785.

16. Missing Persons Services for Relatives and Friends

Based on relevant laws and regulations, the Kaohsiung Civil Affairs Bureau introduced the “Kaohsiung City Government Household Registration Office Provision of Missing Persons Services for Relatives and Friends.” Missing persons information can be distributed by utilizing the resources of the various district household registration offices, enabling relevant persons to decide whether or not to contact the offices. This provides a channel for citizens who have lost contact with their family members or friends to file a missing persons report. A total of 862 cases were handled in 2019.

17. Pioneering the Technological Service of “Household Registration Concept House”

Kaohsiung City pioneers to plan and establish the “Household Registration Concept House,” which started operation on December 7, 2018. The open counter design and the use of artificial intelligence technology (e.g. face recognition and robots) have altered the traditional service procedures. The innovative measure is based on the aim to build a new

household registration service concept for the next 20 years, hoping to guide and promote a new government service ideology.

Simplifying Household Registration Services

1. Implementing flexible working schedules for acceptance of applications

(1)The former Kaohsiung City was the first city in Taiwan to enforce the flexible working schedule (12:00 to 13:30) in 1987, which effectively benefited citizens who could not apply for household registration during the day.

(2)To better facilitate household registration for the public, 17 household registration offices, including Gushan, Zuoying, Nanzih, Lingya, Sinsing, Sanmin First Office, Sanmin Second Office, Cianjhen, Siaogang, Fongshan First Office, Fongshan Second Office, Renwu, Daliao, Gangshan, Zihguan, Cishan, and Meinong, launched the “6912 Household Registration Weekend Service” in July 2012. Offices are open between 9 a.m. and 12 p.m. on Saturdays to accept household registration applications. The remaining 16 household registration offices in Kaohsiung also accept applications if appointments are made beforehand.

(3)A total of 15 Household Registration Offices in districts including Gushan District in the City launched the “Early-Bird Hours Service” on March 27, 2013, where they begin operation at 7:30 a.m. from Monday to Friday under flexible working schedule arrangements.

2. Accessibility facilities such as dedicated bells, pathways, toilets, and elevators were established for people with disabilities. In addition, dedicated staff members were assigned to welcome and guide people with disabilities. A total of 3,331 cases were handled in 2019.

3. Home-Based Household Registration Services

To keep on providing help and care to underprivileged citizens, the City established the first home-based household registration service in Taiwan by establishing a toll-free telephone number to expand the 1999 Public Service Hotline after the merging of Kaohsiung County and Kaohsiung City. This service is provided to senior citizens and people suffering from serious diseases or injuries for applications. A representative is assigned to visit the applicant after receiving a telephone call. A total of 1,577 cases were handled in 2019.

4. School-Based Services for Initial Application Identification Cards

To help third-year junior high school students over the age of 14 with their first-time application of identification cards, the district household registration offices visit schools in their jurisdiction between January and May to assist in applications. A total of 11,840 cases were handled in 2019.

Simplifying Road Naming, Address Assignment, and Plate Installation Procedures

1. The Self-Governance Act for Road Naming, Address Assignment, and Plate Installation in Kaohsiung City was formulated for road naming, address assignment, and plate installation procedures, providing clear principles and guidelines for household registration offices to follow.
2. The “Guidelines for Establishment of Kaohsiung Municipal Government Road Naming Task Force” was established to maintain the timeliness of road naming and to consider road names from an overall perspective. Subsequently, the “Kaohsiung Municipal Government Road Naming Task Force”, which comprises representatives from related departments, experts and scholars, was established to collaboratively determine the names of roads in the City.

IV. Grassroots of Minor Constructions

Small-scale local infrastructure projects include the construction and maintenance of streets shorter than 6 meters (incl., road surfaces, gutters, retaining walls, and guardrails), the improvement and maintenance of facilities and equipment in village activity centers, and the improvement of public service facilities for civil affairs. Based on regular patrols and public opinions, construction projects are prioritized, listed in the annual plan of district offices, and submitted along with budget estimation reports to the Civil Affairs Bureau for auditing. The budget is established through legal procedures and then implemented. District offices were required to

submit a proposal to the Civil Affairs Bureau in order to add construction items onto the plan. A total of NT\$327.067 million was budgeted in 2019 (NT\$198.894 million for the annual construction projects of district offices and NT\$128.173 million for the small infrastructure construction projects of the Civil Affairs Bureau). Projects that received grants included 912 projects for the construction and maintenance of streets shorter than 6 meters, 26 projects for improving and maintaining facilities and equipment in village activity centers, and 41 projects for improving public service facilities for civil affairs.

Table 2-4 Infrastructure Construction Project Statistics

Infrastructure Construction Items	Budget Source	Subtotal	Total
Construction and maintenance of streets shorter than 6 meters (incl., road surfaces, gutters, retaining walls, and guardrails)	Annual plan of district offices	591	912
	Equipment and investments of the Civil Affairs Bureau	321	
Improvement and maintenance of facilities and equipment in village activity centers	Equipment and investments of the Civil Affairs Bureau	26	26
Improvement of public service facilities for civil affairs	Equipment and investments of the Civil Affairs Bureau	41	41
Total		979	

V. Research and Development

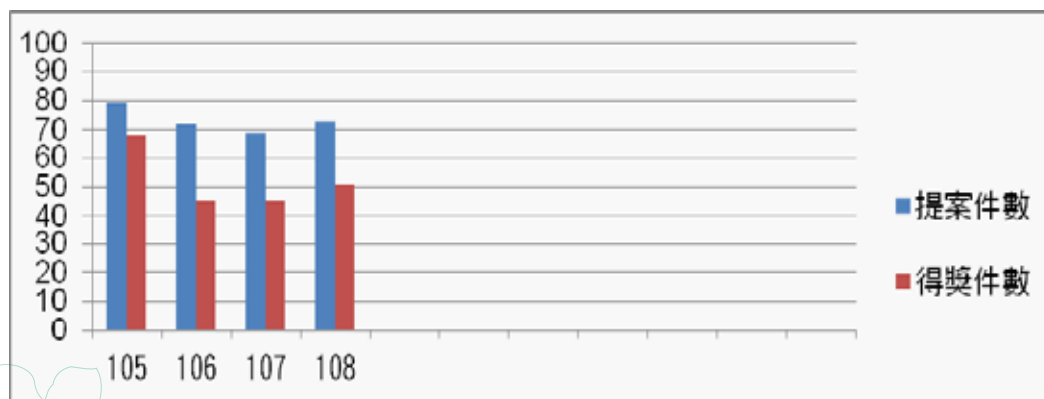
Promoting research and development

1. Municipal administration innovation proposals

To encourage employees of government agencies and schools to propose innovation regarding the city's development or reform, and to improve public service quality and administrative effectiveness, the 2019 Municipal Administration Innovation Proposal Review and Awards were offered according to the Kaohsiung Municipal

Administration Innovation Proposal Review and Award Guidelines. Various agencies submitted 73 proposals and experts and scholars were hired to conduct reviews. Overall, 51 proposals were awarded and published on the City Government Research Result Website (<http://research.kcg.gov.tw/chinese/index.aspx>). Proposals that received second-level awards or better were also submitted to relevant agencies for reference and use.

Figure 2-1. Kaohsiung municipal administration innovation proposal results



Source: Research, Development, and Evaluation Commission, Kaohsiung City Government

2. Outsourcing of research projects

In order to introduce academic professional knowledge and revitalize the municipal administration, colleges, universities, research organizations and groups or individuals were commissioned to carry out research projects

related to municipal development pursuant to the Guidelines for Outsourcing Research Projects by the Kaohsiung City Government. See Table 2-5 for statistics on research projects outsourced by the city government agencies in 2019.

Table 2-5 Kaohsiung City Government outsourced research projects in 2019

Item	Commissioning agency	Research topic	Commissioned agency
1	Education Bureau	Kaohsiung City “Vocational Senior High School Student Approach” Commissioned Research	National Kaohsiung University of Science and Technology
2	Economic Development Bureau	2019 Kaohsiung City Industry Liberalization and Competitiveness Enhancement Reach Project	Chung-Hua Institution for Economic Research
3	Social Affairs Bureau	Kaohsiung City Living Condition and Demand Survey of People with Disabilities	Kaohsiung Medical University
4	Labor Affairs Bureau	Data Collection and Research on Historical Labor Events in Contemporary Kaohsiung	National Pingtung University
5	Labor Affairs Bureau	2019 Stories of Shift Workers Fieldwork Project	Kaohsiung City Confederation of Trade Union
6	Labor Affairs Bureau	2019 Employment Demands and Current Status of College/University Youth in Kaohsiung	e-Strategy Market Survey Corporation
7	Bureau of Cultural Affairs	National Monument “Old City of Zuoying” Reuse Project	Department of Architecture, National Cheng Kung University
8	Research, Development and Evaluation Commission	2019 Research of Exchange Between Kaohsiung City and Coastal Cities in Southeast China	Shu-Te University
9	Research, Development and Evaluation Commission	2019 Research of Administrative Affairs Outsourcing of Kaohsiung City Government	National Kaohsiung Normal University
10	Department of Substance Control and Prevention	2019 Kaohsiung City Drug Abuse Data Analysis Project	Kaohsiung Medical University

3. Rewards for Dissertations and Theses on Municipal Development

Since 2008, a budget has been earmarked for

subsidizing master’s and doctoral students to do their thesis study and awarding research results according to the “Regulations for Rewards and Subsidies for Dissertations and Theses on

Kaohsiung Municipal Development”. The objective is to encourage graduate students to engage in municipal development research. In 2019, five studies were subsidized and three

outstanding theses were awarded. The research results were sent to relevant government agencies for reference and use.

Table 2-6 2019 Outstanding Dissertations Awarded by Kaohsiung City Government

Item	Dissertation	Author	School and department
1	An Operations Research Approach to an a priori Model for the Total Floor Area Maximisation Layout: A Case Study of Privately Owned Public Space on Building Sites in Kaohsiung	Chen Tingjung	Department of Urban Planning, National Cheng Kung University
2	A Responsive Evaluation of the Green Roof Policy in Kaohsiung City	Huang Chiungchi	College of Environmental Resources and Ecology, National University of Tainan
3	Start from Funeral arrangements of homosexuals: An analysis of Institutional Ethnography	Yang Chingsheng	Graduate Institute of Gender Studies, Kaohsiung Medical University

4. Supervision of Public Service

The Second Government Service Awards were offered. Outstanding agencies with excellent performances were recommended by the Kaohsiung City Government and a list of awardees were announced by the National Development Council. The Land Administration Bureau of the city government won the “Project Planning Award”, the Liouguei District Public Health Center won the “Overall Service Award”, and the Revenue Service Office was the finalist of the “Overall Service Award.

5. Organizing Public Opinion Surveys

Public opinion surveys were administered. In 2019, the Research, Development, and Evaluation Commission commissioned polling service companies to conduct 4 Kaohsiung City Government Administration Satisfaction Public Opinion Surveys.

Mid to Long-Term Administrative Projects and Preliminary Planning of Administrative Projects

1. Mid to long-term administrative projects

Plan the administration directions in the next four years and establish the “Medium-Term Administrative Plan 2019-2022” to achieve the goal of “building Kaohsiung the richest city in Taiwan”.

The implementation outcomes of the 2018 Mid-Term Administrative Projects’ Performance Goals from various bureaus and offices were compiled. There were a total of 721 measurement indicators. Of these, 653 met the goals with excellent performance (90.6%) and 38 with qualifying performance (5.3%), and the total success rate of performance goals reached 95.9%.

2. Important Preliminary Planning of Administrative Projects

The City Government's 2020 preliminary administrative planning was implemented pursuant to the Directions for the Preliminary Planning of the Annual Important Administrative Projects of the Kaohsiung City Government. After review, the budget approved for public affairs projects amounted to NT\$ 9.428 billion and NT\$ 6.253 billion was for funds.

3. Administration Outlines and Administrative Projects

After taking into account the Mayor's policies and instructions, as well as the annual development needs, the administrative goals of the city government and administration outlines of various departments for 2020 were established. The administrative outlines and administrative projects for 2020 were then compiled and submitted to the City Council for review and discussion.

Project Supervision and Evaluation

1. Supervision and Evaluation of Administrative Projects

The objective of supervision and evaluation is to use a supervision and evaluation mechanism to analyze problems, develop and propose solutions and measures, and improve the effectiveness of subsequent implementation. Projects under the city government's supervision and evaluation include annual administrative projects, resolutions made during municipal administrative meetings, and infrastructure grant programs.

Among them, the supervision and evaluation of annual administrative projects are the most important. The result of implementation in 2019 is shown in the following table:

Table 2-7 2019 project implementation status under the city government's supervision

Year	Number of cases	Cases on schedule	Cases behind schedule	Ratio of cases on schedule
2019	126	73	53	57.94%

Note: Cases behind schedule are the ones that are at least 5% behind schedule.

2. Control of Official Document Time Validity

The "2019 Official Document Processing Performance Evaluation" was implemented at seven agencies, such as Fengshan District Office, on August 19, 2019 according to the "Kaohsiung City Directors for Evaluation of Official Documents Processing" and printed the "Kaohsiung City Government Official Documents Audit Evaluation Report" for the reference of the evaluated units, all KCG agencies, and district offices.

Statistical analysis of the processing status of "general official documents" by the city government agencies in 2019 is as follows:

Table 2-8 2019 official document time validity

Year	Official documents that should be processed	Case completion rate	Average number of days to close a case
2019	3,764,555	94.23%	1.92

3. Supervision and Evaluation of Matters Regarding Road Traffic Safety

The processing status of 47 recommendations for various agencies proposed by the committee members was being kept track of in the 2018 local road safety initial evaluation and the Ministry of Transportation and Communications' year-end

supervision. Resolutions were made in the general road safety conference in November 2019 that all recommended items under supervision should be concluded.



Road safety initial evaluation

4. Evaluation of Municipally Run Businesses

In accordance with the “Guidelines for the Evaluation of Business Organizations Affiliated with the Kaohsiung City Government,” the city government conducted the 2018 evaluation of the operating performance of its affiliated business organizations. The evaluated business organizations included: Kaohsiung City Shipping Co., Ltd., the Collateral Office. Re-evaluations were conducted and completed on July 30 and August 6, 2019. The evaluation report was sent by mail to relevant competent authorities and the organizations that underwent the evaluations for future reference.

The aim of control and evaluation is to analyze problems and propose solutions to enhance administrative efficiency. The evaluation items include the annual administrative plan, items instructed by the council, and infrastructure subsidization programs.



Evaluation of Kaohsiung City Shipping Co., Ltd., a city-owned enterprise.

Performance of public works quality inspection

1. Construction Inspections and Accomplishments

In 2019, the city government inspected 137 projects (excluding those re-inspected), representing 201% of the total number of projects requiring inspection according to law. The number of projects inspected and the completion rates are listed in Table 2-9:

Table 2-9 2019 Public works quality inspection status

Item	Tendered projects worth more than the inspection amount	Tendered projects worth more than NT\$ 10 million but less than the inspection amount	Tendered projects worth more than NT\$1 million but less than NT\$10 million	Total (Number of cases)
No. of total tendered projects	166	365	1,466	1,997
No. of projects requiring inspection according to law	33	15	20	68
No. of projects actually inspected	48	55	34	137
Completion rate	145%	367%	170%	201%

The city government conducts inspections on site without advance notice. Moreover, depending on the situation, samples are collected on site in accordance with the inspection regulations of the Public Construction Commission of the Executive Yuan. The sampling rate was 74%. The city government had an excellent project inspection implementation performance, and won the excellence award and was ranked fifth in the nation in 2019.



On-site inspection of project progress and quality



Taking core samples at the work site



Inspecting steel structure material quality at the steel plant

2. Promoting Public Oversight

The Kaohsiung City Government proactively

handled public oversight cases pursuant to the “Guidelines for the Control and Evaluation of Public Oversight of Public Construction” established by the Executive Yuan. In 2019, the city government processed a total of 79 public oversight cases. The responsible agencies were notified to take care of any issues in a proper manner and submit follow-up reports within a specified time. Among these cases, 21 were handled in coordination with the inspection of tendered projects, accounting for approximately 33% of the total annual caseload. Diverse methods were used to promote information on public oversight. Public oversight reporting cases over the last three years are shown in the following table:

Table 2-10 Number of public oversight reporting cases

Year	2017	2018	2019
Total number of cases reported	87	102	79

3. Improving Professional Expertise

To enhance the professional expertise of its engineering personnel, the city government held a total of twelve education and training courses in 2019; a total of 835 staff members participated. It is hoped that these events can effectively improve the qualifications of the engineering personnel of the city government and its contractors, as well as facilitate the exchange of construction expertise and experience.



Organizing the engineering personnel quality management training



Organizing the engineering personnel quality management training

Overview of the Joint Services

The Joint Service Center offers municipal services 24 hours a day, 365 days a year. It serves as a communication bridge between the city government and the public, and also acts as a horizontal service communication platform for various agencies.

1. People Service

The Joint Service Center accepts the following petitions and offers the following services:

- Joint Service Center

It provides counter services; files and processes service cases; accepts telephone, fax, and written enquiries; and offers the Kaohsiung 1999 APP, mayor's email box, free legal consultation, blood pressure test, and other services.

- 1999 Call Center

Provides 24-hr municipal administration enquiry service, petition case filing, and work assignment reporting system: responding to 52 types of problems that pose significant and immediate threat to citizens' life and property, including road potholes, fallen trees, street light malfunction, traffic light malfunction, etc.

- Joint Service Center's Performance

2019 performance statistics of Joint Service Center:

Table 2-11

Joint Service Center's performance statistics

Item	Number of cases/ number of people
Mayor's email	1,779 cases
Legal consultation service	14,868 people
Blood pressure measuring service	467 people
Public petition cases	210,863 cases

- 1999 Call Center's Performance

The "1999" municipal service hotline provides around-the-clock uninterrupted service. A work assignment system is used to notify responsible agencies of items that need to be taken care of immediately.

- a. Year-round Call Center

In 2019, the Call Center received a total of 859,824 telephone calls. That is an average of 71,652 calls per month. The service satisfaction survey shows an average satisfaction level of 98.1%. Of the cases addressed, enquiries accounted for 25.1% of the total calls received. The online reply rate was 100%.

- b. 24-hr Immediate Work Assignment

Competent agencies are immediately notified of the cases reported by citizens that need to be handled immediately, and workers are assigned to handle the matter. In 2019, a total of 97,040 cases were processed.

Table 2-12

Call Center's performance statistics

Item	Number of cases
Immediate service (work assignment) – top 3	97,040
Streetlamp maintenance and management 22.5%	
Environmental sanitation maintenance and management 13.4%	
Road maintenance and management 13.3%	

2. Road Smoothing Project

- (1) To provide safe, convenient and comfortable road environment for the citizens, to reduce and level the manholes on the roads, repair road cavity upon notification, improve condition of aged roads and include the degree of smoothness in the contract for strict inspection., the Construction and Planning Agency of the Ministry of the Interior visited the Public Works Bureau of the city government for the assessment on the “Public Utility Database Management and Supply System” and the “Performance of the Maintenance and Administration of Urban Road”. The city government received the first-class grade in the “2019 Performance of the Maintenance and Administration of Urban Road of the Nation”.
- (2) As concerns the reduction of manholes on the roads, underground manholes are constructed along with road improvements. In 2019, a total of 9,958 underground manholes were constructed and 4,276 manholes on the roads were leveled. In terms of road cavity repair, the proportion of self-inspection reached up to 88.5%; the completion rate of road cavity repair within 4 hours of notification was 95.46%; and all cases of road cavity repair were completed within 24 hours, achieving the goal of repair within 3 days. Starting from May 2012, the applications of new buildings adopted joint excavation operation. Through this integration of applications for excavation, time to excavate and bury is reduced and repeated excavation is avoided. The public construction is also negotiated to avoid reconstruction. By the end of 2019, the Project accumulatively received 2,485 applications for pipe excavation, reducing approximately 1,455 times of repeated resurfacing and reconstruction, will save 16,018.79 square meters of planing area. Starting from July 2012, applicants for pipe laying must use Controlled Low Strength Material as the backfill material in order to avoid the subsidence of pipe trench.
- (3) In addition to routine maintenance of road leveling, road excavation quality also has a great impact on road leveling. In order to strengthen the management of excavation and implement the road construction responsibility system, the newly promulgated "Regulations on Autonomy of Road Excavation Management" stipulates that the construction unit shall upload the work to completion and completion within 30 days after the declaration is completed. The data is stored in the excavation management information system, and inspection documents are signed and independent quality control is performed on the construction quality in order to take full responsibility to ensure that the construction unit independently monitors the construction quality. At the same time, after uploading the data, the system will actively notify the municipal government maintenance unit to investigate on a case-by-case basis, confirm that the construction unit has completed the restoration work, and require the construction unit to be responsible for two years of maintenance to prevent road excavation from being inaccurate and affecting pedestrian safety.
- (4) In addition to the completion of road excavation related laws and regulations, the Kaohsiung Road Excavation Management Center in 2019 will be further promoted under the guiding principles of reducing road excavation, ensuring road construction quality, and preventing underground pipeline disasters and strains (1) Advanced excavation of new housing cases, joint excavation integration, (2) planning type excavation (planing) case reporting, (3) establishment of excavation management fund to handle road repairs, (4) extension of the excavation prohibition period, (5) construction image monitoring, and (6) the

use of incineration Recycled granular low-strength controllable concrete (CLSM) as backfill material (7) Prospective paint spraying repair time Implementation of responsible construction (8) Sampling results set penalty levels (9) Completion and restoration mechanism take over on a case-by-case basis (10) Trial excavation in case of dangerous pipelines in the construction area (11) Strengthening the spot check and sampling of pipeline drawings upon completion (12) Construction of three-dimensional pipeline drawings and other twelve new excavation management measures, combined with the existing pipeline drawings and construction of public facilities Expand 3D pipeline map information, use 3D pipeline information to assist road excavation management, reduce the occurrence of public security accidents, and provide citizens with smooth and safe roads.

Utilization of Civil Service Personnel

1. Total staff number control

In order to realize staff number control and save personnel expenses of the City Government, the various departments implemented personnel control policy of 2019 by the principle of making no increase in personnel expenses, thus achieving the goal of decreasing the number of employees by 11% (1,097 civil servants).

2. Respect for gender diversity, and practical implementation of gender equality

(1) Active preparation for achievement of “Golden Carnation Award” conferred by Executive Yuan

In accordance with the letter, “Gender Equality Encouragement Plan Promoted by Different Departments under Kaohsiung City Government” promulgated on March 4, 2019,

gender equality-related innovative projects with good performance, or the deeds touching the hearts of people were actively promoted. They were recommended to take part in Gender Equality Innovation Award or Story Award in order to present the City Government’s outstanding results relating to gender equality.

(2) Promotion of awareness of gender mainstreaming for empowerment

In order to add the concept of gender mainstreaming to different important policy plans and put gender viewpoints in different measures, the City Government stipulated “Gender Mainstreaming Training Program for Civil Servants of Kaohsiung City Government.” In 2019, through providing physical training courses and online digital learning, 19,893 civil servants of the City Government have completed gender mainstreaming training, with a training completion rate reaching 100%.

(3) Increase of employment rate of female supervisors year by year

Highly valuing encouragement for female civil servants to participate in decision-making work, the City Government actively promoted female civil servants to be supervisors, and increased the ratio of female supervisors year by year. As of the end of December 2019, the general departments of the City Government (including District Offices) had 1,417 Grade-1 and Grade-2 departmental supervisors, with 695 of them being female, achieving an employment rate of 49.05% of total number of supervisors. Among them, there were 64 female departmental chiefs and female deputy chiefs, and 47 female civil servants working as senior officers (for example, chief secretaries and senior executive officers) in different departments.

3. Active promotion of Staff Assistance Program

The City Government actively created a friendly, warm and caring workplace by assisting the colleagues at the City Government in solving their personal problems that might affect work efficacy, and identifying the related issues that might affect organizational productivity, and also actively promoted the measures such as Staff Psychological Health Program and Staff Assistance Program, both with a high satisfaction rate reaching 98%. The City Government also won an “Excellence Award” (Municipal Government Group) in Evaluation on Effectiveness in Promoting Staff Assistance Program 2019 made by the Directorate-General of Personnel Administration, Executive Yuan.

4. Prize for Excellence achieved by efficient promotion of human resource management

The City Government actively promoted human resource management policies, which included several policies and goals of personnel affairs: realizing management of manpower quantity, encouraging training and learning of manpower, putting the operation of performance-oriented civil service at workplace into practice, establishing an empathetic and friendly workplace, enhancing the expertise of personnel colleagues, and realizing the requirements of policies and correctness of information. After evaluation of performance, excellent results were achieved in various items. In the personnel business performance evaluation conducted by the Directorate-General of Personnel Administration, Executive Yuan in 2019, the City Government won the “Award of Super Excellence” (Municipal Government Group), having gained high recognition.

5. Showing concern for the underprivileged group, and protect their employment rights and interests

- (1) High employment rate of indigenous people up to 328% helped realize the prioritization

of the underprivileged

In order to implement the Mayor’s policy of “prioritizing the underprivileged”, take care of the indigenous tribesmen having registered their households in the City, and increase employment opportunities for the indigenous people, the City Government took the lead in implementing the plan of the Central Government by employing the indigenous civil servants up to 2% of their staff in 1999, and implementing the policy continuously. After “Indigenous People’s Employment Rights Protection Act” was announced for implementation on Oct. 31, 2001, as calculated in accordance with the calculation method stipulated in the Act, the number of indigenous people required to be employed by different departments of the City Government as of Dec. 2019 was 64, there were 210 indigenous people actually employed, with an overemployment of 146 indigenous civil servants.

- (2) Care for the underprivileged group, and excessive employment of the physically and mentally disabled citizens up to 167%

In accordance with the “Protection Act for Rights and Interests of Physically and Mentally Disabled Citizens” and the stipulations of “Guidelines for Employment of Physically and Mentally Disabled Citizens” promulgated by the Executive Yuan, mandatory employment of physically and mentally disabled citizens was enforced in different departments and schools of the City Government. By the ways of controlling the application and distribution of vacancies, and contractual employing the disabled as substitute staff, the employment quota for disabled citizens was completely fulfilled. Since Aug. 2002, the City Government has continuously maintained the employment of sufficient number of disabled citizens. In case of any change in positions of civil servants, the related vacancy was urged to be

immediately filled in that month. As of Dec. 2019, 1,162 disabled citizens were expected to be employed, and 1,943 disabled citizens were actually employed, with an employment rate reaching 167%, with an overemployment of 781 persons. It fully revealed that the City Government actively paid concern for the physically and mentally disabled citizens, and protected their working interest and benefits.

6. Utilization of personnel by organizational learning

- (1) Practical implementation of organizational learning, and creation of a lifelong learning environment

In order to create excellent organizational learning culture, cultivate reading habit and stimulate potentials in work among civil servants, the department kept on holding reading promotion activities. In 2019 the City Government held 52 sessions of the related activities, including reading groups, writing seminars and workshops, and guided reading meetings, with 109 pieces of book reviews and writing works submitted. A total of 1,953 person-times participated in these activities. The City Government also achieved Excellence Award (Municipal Government Group) in Excellent Institution in Reading Promotion Competition. Besides, the City Government recommended the civil servants' written works to take part in Book Review Competition; and they obtained National Golden Rafter Award and Honorable Mention respectively, achieving remarkable results.

- (2) Promotion of diverse civil servant clubs, and developing healthy lifestyle and wellness at workplace

To care for the physical and mental well-being of teachers and civil servants, and advocate healthy cultural and recreational activities, we offered assistance and guidance

for establishment of 22 civil servant social clubs. The social clubs were of different types, such as sports, cultural and art, and general. Through the spiritual train of cultural and recreational gathering of the social clubs, and the results presentation platform, civil servants were able to learn from each other, enhancing their abilities in artistic and cultural creation. Ever since implementation of the social clubs, good performance and positive feedback were achieved.

7. Implementation of retirement policy, and facilitation of workforce flow

The City Government all along practically implemented the retirement system, established a voluntary retirement registration system and a control list of civil servants going to reach their retirement age. The various departments they were subordinated to were urged to carry out their retirement plans in accordance with the procedure in order to maintain the rights and interests of the retired civil servants. For those civil servants and teaching staff who were not suitable to keep on working at the current posts, and those who were not competent for their duties due to illness but were not qualified for retirement, they should be laid off in accordance with Article 22 of the Act Governing Civil Servants' Retirement, Severance and Bereavement Compensation, Article 15 of Teachers Act, and Article 24 of the Act Governing Retirement, Severance, and Bereavement Compensation for the Teaching and Other Staff Members of Public Schools respectively. In 2019, there were 367 civil servants and 443 educational personnel being officially retired, 32 civil servants and 17 educational personnel being given bereavement payment, with a total of 859 civil servants leaving the City Government, fully smoothing the personnel channels and facilitating workforce replacement.

Development of Civil Service Human Resources

Human resources are one of the most important assets of public departments, and are also a key factor for the government to enhance governance effectiveness. The Civil Service Development Institute of the City Government held the 3 main visions of “innovation”, “excellence” and “sustainability,” combining the training resources, focusing on the professional municipal administration core competence, employing a full-range and diversified education and training policy, and cultivating high-quality civil service manpower in order to enhance the competitive advantages of the urban governance.

In 2019 the City Government offered 496 classes of physical courses, having 29,647 person-times and a total of 40,880.5 person-times per day taking the courses. Besides, there were 4 classic lectures delivered by famous figures, having 996 person-times of participants; and also 234 lecture sessions of the learning train called “Happiness in Innovative and Brilliant Kaohsiung”, having 13,131 person-times of participants. Besides, to catch up with the times and trend, the City Government opened digital learning courses. There were 511,885 person- times of civil servants having taken the digital-learning certification courses of “Kaohsiung e-Learning Academy,” and they spent 926,651 hours on these certification courses.

In 2019 the major business areas of civil service human resource development affairs were as follows:

1. Strengthened the broad perspectives and leadership management ability that medium- and high-level supervisory staff should possess

(1) One session of Chiefs’ Teamwork Consensus Camp was held. It was planned to have

topical reports, affair performance check, and implemented via exchange and discussion. Through this Camp, the teamwork governance consensus and centripetal force among civil servants are fostered. There were 51 civil servants participating the Camp.

- (2) “Advanced Course of Mid-level Reserve Supervisor – Municipal Governance Planning and Management Talents” was offered to the civil servants above Level 8. There were 33 participants having completed the training course.
- (3) “Seminar for Newly Employed and Recommended Civil Servants with Supervisory Duties” was held for 2 sessions. There were 74 civil servants participating the Seminar.
- (4) “Junior High School and Elementary School Directors Reserved Training Course” was offered. There were 34 junior high school reserved directors and 65 elementary school directors taking this Course.
- (5) To cultivate excellent manpower of district administrative governance supervisors, “District Office Supervisors Course” was offered. There were 88 supervisory staff of different District Offices having taken the course.
- (6) “Police Officer Seminar” was offered to improve the mid- and high-level police officers of the Police Department of the City Government in interacting with the media and handling crisis, and strengthen their leadership, manipulation, and organizational management abilities. There were 49 police officers participating the Seminar.
- (7) Four sessions of Basic Course of “Command and Control of Incident Operations” (CCIO) and 5 sessions of “Lecture Course for Entry-level Firefighting Cadres” were held in order to enhance the fire rescue command and dispatch capability of the fire control supervisory staff. There were 396 fire control supervisory staff participating in the courses.

2. Met of the need of municipal governance, held professional certification courses, and increase the value of training

- (1) In order to raise the visibility and activeness of the municipal activities of the City Government, and cultivate marketing talents for planning and integrating the City Government activities, the Civil Service Development Institute of the City Government cooperated with National Kaohsiung University of Science and Technology to hold “Don’t Worry! Perfect Activity Planning Crash Course” which was held for 5 days (30 hours). There were 28 civil servant having passed the test and obtained certificates.
- (2) In order to improve the use of briefing and short talk techniques for promotion of teenage crime prevention, “Teenage Crime Prevention Promotion Lecturer Certification Class” was held. There were 40 civil servants having obtained the certificate.
- (3) In order to help public service departments of the City Government with Grade-B and Grade-C information and communication security responsibilities to achieve professional certificates of information security, the Civil Service Development Institute of the City Government and the Information Management Center of the City Government co-held 4 sessions of “ISO 27001-Oriented Professional Certificate Course of Information Security for Auditors.” There were 54 civil servants taking this Course.
- (4) In order to enrich the procurement knowledge and capabilities of the related professional civil servants serving at the subordinating departments and schools of the City Government, 6 sessions of “Basic Training Course of Professional Government Procurement Staff” and 2 sessions of advanced training course were offered. There were 393 civil servants having acquired

Basic Procurement Certificate, and 22 civil servants having acquired Advanced Procurement Certificate.

- (5) In order to improve the of drug control and prevention campaign, “Drug Control Campaign Lecturer Training” course was offered. 39 civil servants have obtained the related certificate.
- (6) In order to increase the civil servants’ knowledge and ability in the related affairs of holding events and exhibitions, and enrich the City Government’s workforce and efficacy in holding events and exhibitions, “Smart Strategizing – Certification Seminar for Event and Exhibition Planning Talents” was offered. 40 civil servants have participated the Seminar.

3. Strengthened civil service workforce’s diversified language ability and improvement of their foreign-language communication skills

- (1) In order to improve English speaking ability of the civil servants of the City Government, 2 sessions of “English Ability (TOEIC) Certification Course” were offered. There were 71 civil servants participating the Course.
- (2) In order to improve the basic Japanese communication ability of the public service colleagues of the City Government, “International Language Series – Basic Japanese Course for Beginners” was offered. There were 46 civil servants taking the Course.

4. Diversified courses on franchised “e-Park for Public Services” Learning Platform” to improve convenience of learning

In order to catch up with the times and trends, “Kaohsiung e-Learning Website” was established on the Central Government’s “e-Park for Public

Services+ Learning Platform,” providing multimedia animation and audio-visual courses to civil servants. The courses were divided into 4 main categories: policy ability training, leadership development knowledge and ability training of organizational business, as well as self-growth and others. There were 210 courses offered, covering 362 hours. In order to improve the contents of the digital teaching materials, the City Government’s “Sauntering in Hamasen” Digital Course participated in Certification Competition held by International E-Learning Association (IELA), and achieved the award of Honorable Mention. Another digital course, “Learn EMIC Easily for Effective Incident Management” won the Best Results of a Learning Program in the Brandon Hall Group Excellence in Learning Awards of the United States.

5. Implementation of resource integration and establishment of collaborative mechanism between government departments and academic research institutions

In the summer vacation of 2019, the City Government provided Student Internship Project of Municipal Administration to the university and junior college students of Kaohsiung City. A total of 25 students coming from 3 local universities completed learning of the municipal governance for 6,820 hours, and were conferred with Internship Certificates in the name of the Mayor.

Regulations and Petition

1. Administrative appeal

(1) Appealing plays an important part of the administrative remedy system. Anyone (including natural persons, juridical persons, non-corporations, or other respondents and interested parties subject to administrative acts) whose rights or interests were unlawfully or improperly injured by a central or local

government agency's administrative act is entitled to file an administrative appeal. Anyone whose rights or interests were unlawfully or improperly injured by a central or local government agency's inaction in regard to his application submitted according to law during the period stipulated by applicable laws is entitled to file an administrative appeal as well. These points have been clearly stated in Articles 1 and 2 of the Administrative Appeal Act. As society is evolving and the awareness of the public's rights is also increasing, incidents of self-reliant relief have been frequently observed; this is not a norm to which a democratic and constitutional state is supposed to aspire. In responding to the current situation, enhancing the high relief function of the appeal, and duly strengthening both the public authority and public credibility, as well as promoting the correct and in-depth understanding of the appeal system, the Kaohsiung City Government (hereinafter referred to as the “KCG”) is increasing its efforts in the awareness campaign of the appeal system and guidance for citizens, by combining all types of training programs and the communication medias to explain the practical issues and examples concerning the administrative relief and appeal in a way that is easy to comprehend. In addition, a variety of forms have been printed and provided free of charge to better serve the public. These efforts shall practically help the municipal administration to move forward.

(2) The KCG accepted total of 1340 appeal applications and held 16 appeal review meetings during the period from the 1st of January to the 31th of December, 2019, See Table 2-13 for more details.

Table 2-13 Appeal Application Processing by KCG

Item	Total cases	Total meetings	Results								Administrative litigation filed
			Rejected	Original act withdrawn voluntarily by the original concerned authority	Appeal overruled	Original act withdrawn	Transferred to other jurisdiction	Voluntarily withdrawn by the appeal applicant	Rejected in the second instance	Overruled in the second instance	
2015	1595	17	257	241	877	75	22	51	1	1	128
2016	1692	17	246	350	1006	73	18	52	5	1	104
2017	1638	17	253	260	966	90	14	58	7	1	95
2018	1480	16	189	215	941	82	16	33	2	1	133
2019	1340	16	140	145	830	141	15	30	5	0	133

2. State compensation

(1) If any employee of the Government acting within the scope of his or her office or employment infringes upon the freedom or right of any person, or any person's life, body or property resulting from a defect in the installation or management of any public facility, the victim may demand compensation from the authority of the said government employee or the public facility in accordance with the State Compensation Act. To process and review the cases of state compensation, the KCG has especially established the State Compensation Application Review Committee, of which members are scholars and experts in law, retained by the KCG to

process the applications of state compensation carefully based on the stance of neutral fairness. The Committee aims to compensate as promptly as possible the people who suffer damages, on the principle of not harsh and not abusive, while monitoring and urging all agencies of the KCG to examine, improve and prevent any further occurrences of their respective administrative actions and or public facilities that violate the rights of the people.

(2) The KCG accepted 210 applications of state compensation and held 12 meetings of the State Compensation Application Review Committee, during the period from the 1st of January to the 31th of December, 2019. See Table 2-14 for more details.

Table 2-14 State Compensation Processing by KCG

Item	Category				Conclusions on state compensation each year									Claim			
	Total cases	Total meetings	Damage caused by illegal action or negligence in duty by government employees	Lack or poor management of public facilities	Compensation refused	Withdrawal	Transferred to another jurisdiction	Negotiation failed	On trial	Litigation	Litigation	Compensation awarded in litigation	Amount awarded	Compensation agreed through negotiation	Amount of compensation agreed through negotiation	Claim case filed	Amount of claim
Fiscal																	
2015	256	12	160	96	191	24	8	9	51	19	11	5,095,509	19	1,916,247	13	53,613	
2016	227	12	96	131	118	37	9	3	79	6	5	8,916,430	34	1,609,179	15	214,315	
2017	156	12	63	93	97	34	3	10	65	20	3	76,014	19	6,194,850	19	303,122	
2018	192	11	56	136	77	31	8	8	99	20	19	8,389,718	20	1,405,666	12	337,835	
2019	210	12	60	150	107	34	11	10	89	29	16	45,949,839	42	2,561,650	6	213,990	

3. Regulations considered

(1) The KCG held 11 meetings of the Legal Affairs Committee and passed 60 municipal regulations, including 19 additions, 35 amendments, 6 abolishment during the period

from the 1st of January to the 31th of December, 2019. See Table 2-11 for details.

(2) There are 471 regulations and 558 administrative rules in effect, which are code-numbered and bound in volumes ◦

Table 2-15 Regulation Review by KCG

Item	Total meetings	Review conclusion			Case passed	
		Addition	Amendment	Abolishment	Municipal Regulations	Admin. Regulations
2015	13	23	30	0	384	719
2016	13	23	37	1	402	720
2017	9	26	34	0	438	750
2018	10	22	34	1	454	774
2019	11	19	35	6	471	558

Correct the Government Ethics

1. Corruption Prevention

(1) Monitor internal controls and Enhance Early Warning System

In 2019, we implemented 19 special examinations on high-risk issues which are involved in risk databases. Potential risks are identified by processing public documents or collecting public sentiments and needs, we timely submitted suggestions for reformation regarding internal control deficiency. To ensure sound integrity risk control and early warning mechanism for government agencies, we addressed 97 suggestions in 3 ways: saved public expenditure, disgorgement of illegal gains and reduce corruption.

(2) Promote Honesty on Campus

To deepen the anti-corruption idea, we built an Escape room. The story of escape room is based on “The Pied Piper of Hamelin“. The game theme is around honesty. The first game took place on May 20 at Ling Jhou Elementary School. Thus, a total of 1552 schoolchildren participated in 208 sessions at 6 schools. In addition to highlight the importance of the activity; we integrated AAC to hold press conference on September 17. In order to devote to the promotion of integrity education, our volunteers told stories of honesty in schools.



Deputy Mayor of Kaohsiung Lee Shu-chuan, AAC Deputy Director-General Chen Rung-Jou and were invited to participate in the “Escape Room promotion press conference” on September 17

(3) Conduct anti-corruption promotion project

We organized the “Ethics in the neighborhood” promotion project. We wrote the guide, promotional leaflets, course presentations and short videos. To establish correct legal concepts, the government ethics of the district office held 44 workshops. There were 2364 Chiefs and heads of Village, 673 village offices, and 953 public servants participated.



“Ethics in the neighborhood” promotion video

(4) Provide Anti-Corruption Directive

For 6 issues such as civil affairs, labor affairs, social welfare, land administration, environmental protection and road maintenance, we invited external experts and academics to discuss recurrence of similar mistakes by case review and reflect the results on the anti-corruption proposals in order to draw up reform plan.

(5) Enhanced the Protection of Confidential Information and Prevent the Divulgence of Confidential Information

In 2019, we have not only focused on the security of information and communications but the provisions of entering into the Mainland China area. We conducted 658 inspections of Security Maintenance and hold 2747 promotions on Security Maintenance. Otherwise, we established (amended) 19 regulations and audited 658 information managements and security maintenance checks to ensure organizational security.

(6) Control Safety-Issues of Office Environment Within the Government and Construct A Safe environment .

We provide assistance to government agencies in maintaining the security of major public events, such as 2019 National Middle School Athletic Games and 2020 New Year flag raising ceremony. Kaohsiung City Government and its affiliates conducted 547 inspections of maintenance of official secrets and hold 2268 promotions on official secrets to avoid the violations of confidentiality. In addition, we held 73 reports of security maintenance and newly (revised) established 13 regulations. Moreover, we investigated 109 cases of general security-threat or protest .

2. Corruption Investigation

(1) Handling Cases of Corruption Reports

We aim to ensure no innocents in the convicted

and no leniency for the guilty. We deal with potential corruption cases cautiously. A total of 1020 reports were received. The Department of Civil Services Ethics also supervised its affiliates to conduct 13 investigations on the violation of confidentiality as well as the leaking of classified information.

(2) Suspicion of Corruption Activity

During 2019, there were 8 corruption prosecutions, involving 9 individuals.

(3) Administrative Penalties

After the investigation, 33 cases were found to be involved in alleged conduct, 69 civil servants were punished for administrative responsibilities. (1 removal, 4 major demerit, 16 demerits, 31 black marks, 17 reprimands).

VI. International Affairs and Sister Cities Exchanges

International Affairs and Sister Cities Exchanges

1. Intensified Interactions with Foreign Cities, NGOs, and Civic Leaders Worldwide

- (1) Reception of guests: a total of 855 guests were received from January to December, 2019. The list of illustrious guests includes Mr. Simon Wong Wie Kuen, Then-Trade Representative of Singapore Trade Office in Taipei; Mr. William Brent Christensen, Director of the American Institute in Taiwan's Taipei Office; Mr. Kabashima Ikuo, Governor of Kumamoto Prefecture, Japan; Mr. Jordan Reeves, Representative of Canadian Trade Office in Taipei; Mr. Anthony Rota, Assistant Deputy Speaker of the House of Commons of Canada; Mr. Sasaki Hajime, Japan's Liberal Democratic Party (LDP) Youth Division Director; Ms. Moira Turley, Director of New

Zealand Commerce and Industry Office; Ms. Bonnie S. Glaser, senior adviser for Asia at the Center for Strategic and International Studies (CSIS); Mr. Ohashi Mitsuo, Japan-Taiwan Exchange Association Chairman; Mr. Christian Fuchssteiner, Director of Austrian Commercial Office; Ambassador John Dimitri Negroponte, former Deputy Secretary of State; Mr. Gary Cowan, Representative of the Australian Office in Taipei; and Ambassador James Moriarty, Chairman of the American Institute in Taiwan.

- (2) Promotion of sister and friendship city agreements and MOU with foreign cities worldwide:

A. Conclusion of a friendship city agreement with Suwon, South Korea

On February 16, 2019, a friendship city agreement was signed with Mayor of Suwon City, Mr. Yeom Tae-Young. In the past, Kaohsiung and Suwon City have

engaged in frequent exchanges in the fields of eco-mobility and urban transformation. It is expected that this agreement will result in more frequent and substantial bilateral interactions and cooperation in the future.



Conclusion of a Friendship City Agreement with Suwon, South Korea

B. Renewal of the Cooperation Memorandum of Understanding with Akita Prefecture, Japan

On August 23, 2019, Mr. Satake Norihisa, Governor of Akita Prefecture, led a delegation of 37 politicians and business representatives to Kaohsiung. During this visit, the International Cooperation Memorandum was renewed to provide further momentum to bilateral dealings in the fields of tourism and education, as well as produce.



Renewal of the Cooperation Memorandum of Understanding with Akita Prefecture, Japan

(3) US Visit by Mayor Han for Business Solicitation and Capital Attraction:

From April 10 to 18, 2019, Kaohsiung Mayor Han Kuo-yu led a delegation to visit the US with stops in Boston, Los Angeles, and Silicon Valley. On occasion of this trip, he gave speeches at Harvard and Stanford University. He also visited numerous hi-tech enterprises to attract businesses and capital to Kaohsiung and enhance the city's international visibility.

2 Interactions and Exchanges with Sister and Friendship Cities

(1) The City Government organized an International Luncheon with the theme of "Love" on February 16, 2019.

Sister and friendship city delegations and artistic & cultural performance troupes all contributed to the success of this event which also encompassed a reception program for the delegations from February 15 to the 18, 2019.

(2) Mr. Bernard Wagner, Mayor of Belize City, the largest city in Belize and sister city of Kaohsiung, paid an official visit to the City Government on March 29, 2019. This has been Mayor Wagner's first official visit to Kaohsiung since his inauguration. He also visited the Water Resources Center in Kaohsiung to gain a better understanding of the city's water engineering.



Mr. Bernard Wagner, Mayor of Belize City, the largest city in Belize and sister city of Kaohsiung, pays an official visit to the City Government

- (3) The City Government led a delegation to visit the city of Portland, Oregon, USA in response to an invitation to attend the annual Rose Festival from June 6 to 10, 2019.



A delegation of the City pays an official visit to sister city Portland, Oregon, USA in response to an invitation to attend the annual Rose Festival

- (4) The City Government led a delegation to visit Brisbane in Australia from July 5 to 12, 2019, to attend the 2019 Asia Pacific Cities Summit and engage in discussions with Brisbane and other Asia Pacific cities on issues such as sustainable development, circular economy, and urban transportation.



A delegation of the City pays an official visit to sister city Brisbane in Australia to attend the 2019 Asia Pacific Cities Summit

- (5) In August, 2019, a delegation of Kaohsiung City Government attended the annual Hachioji Festival in the friendship city of the same name. A performance by the diabolo troupe of

Wufu Elementary School was enthusiastically received by the audience.



A delegation of the City attends the annual Hachioji Festival in the friendship city, Hachioji, Japan

3. City Marketing and Exchange Activities

- (1) The City has designed a postcard set for its sister and friendship cities featuring scenic vistas of Kaohsiung landmarks and famous local attractions recommended by the sister cities in each country. These postcards give foreign visitors a deep perception of how much Kaohsiung cherishes the friendship with its sister cities. The German and US sister cities Erzgebirgskreis and San Antonio publicly shared this set and expressed their appreciation.



The German and US sister and friendship cities Erzgebirgskreis and San Antonio publicly express their appreciation for the postcard set

- (2) The City Government formed a new “Kaohsiung International Relations committee.” Industry experts and scholars were invited to attend the first meeting and to pool wisdom for the provision of policy recommendations.



First meeting of the new "Kaohsiung International Relations committee"

- (3) From July 14 to 19, 2019, The City Government led a delegation to the 2019 DAEGU International Youth Camp with an invitation from friendship city Daegu, South Korea, as a reference for the organization of an event of the same nature in Kaohsiung. During this visit, the delegation also paid an official visit to the International Affairs & Trade Division of Daegu City Government .



A delegation of the City accepted an invitation by friendship city Daegu in Korea to inspect the 2019 DAEGU International Youth Camp

- (4) A delegation of Kaohsiung City traveled to Tokyo, Japan, in August 2019. It paid official visits to the then Foreign Affairs Director of Tokyo Metropolitan Government, Mr. Yamamoto Tsuyoshi, Liberal Democratic Party (LDP) Youth Division Director Mr. Sasaki Hajime, Tokyo Metropolitan Board of Education, 2020 Tokyo Organizing Committee of the Olympic Games, and relevant venues with the goal of intensifying bilateral relations in the fields of education and sports.



A delegation of the City pays an official visit to Mr. Yamamoto Tsuyoshi, the then-Foreign Affairs Director of Tokyo Metropolitan Government



A delegation of the City pays an official visit to Mr. Sasaki Hajime, Liberal Democratic Party (LDP) Youth Division Director

- (5) From August 12 to 17, the City organized the "2019 Share Kaohsiung – International Summer Camp" for sister and friendship cities. University students from 11 sister cities in 4 countries jointly experienced history, culture, and city government visits in the activity lasting six days and five nights. The goal of this event was to lay the foundation for friendships between Kaohsiung and its sister and friendship cities for the next generation.



The "2019 Share Kaohsiung - International Summer Camp" gives university students from sister cities an in-depth understanding of Kaohsiung

- (6) From November 23 to 24, 2019, the city organized the “2019 Share Kaohsiung – Welcome Party for International Freshmen” to leave a deep impression on international freshmen of the diversified and rich cultural assets and social customs of Kaohsiung.



The “2019 Share Kaohsiung – Kaohsiung In-depth Tour” gives foreign representatives an extensive experience of Kaohsiung

Cross-strait affairs exchange

1. Related conferences

The “Regulations for Establishment of the Kaohsiung City Cross-Strait Committee” was amended to plan and implement the city government’s cross-strait affairs in response to the central government’s cross-strait policies. The first cross-strait committee meeting was held on March 4, 2019. The targeted report of the cross-strait affairs committee meeting was presented at the Kaohsiung City Council on May 3, 2019. Two cross-strait exchange seminars were held on June 26 and 27, 2019.



Cross-Strait Committee meeting.

“2019 Share Kaohsiung – Welcome Party for International Freshmen”

- (7) From December 6 to 7, 2019, the City Government organized an activity titled “2019 Share Kaohsiung – Kaohsiung In-depth Tour” to give envoys stationed in Taiwan a better understanding of Kaohsiung. Representative offices of New Zealand, the UK, India, Japan, Korea, and Thailand were invited to embark on a tour encompassing municipal construction and development projects, local features and characteristics, hi-tech industries, and folk culture. In addition, a meeting “Exploration of New Collaboration Opportunities” organized for the first time to create a platform for face-to-face interactions between the envoys and representatives from several key bureaus and departments of Kaohsiung City Government.

4. Guest reception

Table 2-16 Reception of Guests from Hong Kong and Macau 2018-2019

Year	Reception	Guest	Monthly Average	Objectives of Visit
2018	158 times	3,027 person-times	13 times 252 person-times	Culture, education, and social welfare.
2019	315 times	4,927 person-times	26 times 411 person-times	Economics, culture, education, public health, agriculture, fishery, social welfare, tourism, and land administration

The number of both receptions and guests in 2019 increased by 99% and 63% respectively than 2018, suggesting that more people from Hong Kong and Macau visited and stayed in Kaohsiung for tourism and consumption, and more enterprises visited Kaohsiung for onsite inspection, with focus on economics, culture and education,

public health, agriculture and fishery, social welfare, tourism, and land administration policies. After recognition and participation, “business and investment attractions” are achieved to boost the sales of agricultural and fishery products for “selling goods and attracting people” to “prosper Kaohsiung”.

VII. Youth Affairs

Kaohsiung City Government established the Youth Bureau on October 1, 2019, as a resource-integrated platform and an advisory channel to assist the youth and accompany them in actualizing dreams and innovating Kaohsiung. The City aims to create a startup-friendly environment, assist the youth in starting businesses and incubate startups so as to create job opportunities and rejuvenate the City’s industries. The aim is to strengthen the vocational competency of the youth, encourage international exchange and learning in order to elevate the youth’s competitiveness, prompt a trend of innovation in the City and make Kaohsiung a hub for the youth.

Administrative Focus

1. Promotion of Youth Public Participation

- (1) Establishment of the Youth Affairs Advisory Committee of Kaohsiung City Government
Kaohsiung City Council passed “the Establishment

Guideline for the Youth Affairs Advisory Committee of Kaohsiung City Government,” on December 31, 2019. The City was to hold an open audition to recruit committee members, between the age of 18 and 45 with registered permanent residence in the City, to form the advisory committee for the youth. The committee is a platform for the youth’s voices on policies, a channel for their expressions of opinions and stimuli to forging an environment beneficial to youth development.

- (2) Holding Youth Dialogues

Youth Dialogues invite startup masters from all industries to give speeches. Face-to-face questions and answers are helpful to the youth planning their startups and journeys of life. Two Youth Dialogues were held respectively in November and December 2019, amassing a total of 210 participants.



Youth Dialogue: Designing the Audacity for Entrepreneurship



Youth Dialogue: Creation and Actualizing Dreams

2. Promotion of International Youth Exchange

“The Subsidy Guideline for the Promotion of Youth Startups and International Exchange by the Youth Bureau of Kaohsiung City Government” was established on December 24, 2019, to subsidize the youth, between the age of 18 and 45 with registered permanent residence in the City, when attending international competitions, public performances, large-scale conferences and overseas visits. The guideline is to encourage the youth to actively participate in entrepreneurial international exchange and make a seamless connection to the world.



Poster for International Exchange Subsidies

3. Assistance and Counseling for Youth Startups

- (1) Forging an Exchange Platform for the City’s Startup Community
 - A. Establishment of “Kaohsiung Youth Startup Promotion Alliance”

“Kaohsiung Youth Startup Promotion Alliance” was established on October 30, 2019, linking 14 university incubation centers, 7 civil incubation institutes, 3 industrial societies and 5 Kaohsiung City Government coworking spaces. A total of 29 alliance members work hand-in-hand to hatch and incubate youth entrepreneurs. The government-industry-university-institute alliance offers courses, funding, counseling, matchmaking opportunities and a variety of innovative resources for startups.



Establishment of Kaohsiung Youth Startup Promotion Alliance

B. Holding Exchanges at Coworking Spaces

Invitations were extended to startup teams in Kaohsiung, Kaohsiung City Government coworking spaces, university incubation centers, and civil incubation institutes to offer startup teams a platform for match-making opportunities. 3 “Youth Startup Nights” were held in 2019, amassing a total of 160 participants.



Youth Startup Night



Youth Startup Night

(2) Provision of Integrated Counseling Services to Youth Startup Teams

A. Use of Central Government Resources in Co-promotion of Startup Procurements

The City worked with the Small and Medium Enterprise Administration, Ministry of Economic Affairs, on November 26, 2019, and held a startup procurements and tendering procedures information seminar for vendors, drawing a total of 27 Kaohsiung-based startups and representatives from 4 Kaohsiung university incubation centers to take part.



Startup Procurements and Tendering Procedures Information Seminar for Vendors

B. Holding Youth Startup Lectures

Lectures on entry - level knowledge and startup resources sharing are available. 3 Youth Startup Lectures were organized in 2019, amassing a total of 189 participants.



Youth Startup Lectures

4. Integrated Startup Resources

(1) Use of Funds from Youth Startup Fundraising, Investment, Financing, Subsidies and Youth Coworking Space Operations

A. Establishment of Youth Startup Development Funds

The Youth Startup Development Fund was set up to create a youth startup - friendly environment and meet the needs of administering relevant work. “The Kaohsiung City Self - government Ordinance for the Control and Use of Youth Startup Development Revenue and Expenditure” was established to regulate the income and

expenses, management and use of the fund. The ordinance was officially effective as of October 1st, 2019.

B. Forging of a Youth Startup Investment Platform

Public budgets, youth startup loans, civil donations and civil startup (external) funds co-created and made up the Youth Startup Investment Platform, which aims to assist youth startups by means of investments, subsidies, loans, and counseling.

(2) Youth Startup Loans

A. The City established “the Guideline for Kaohsiung City Government Youth Startup Loans.” The Youth Bureau of Kaohsiung City Government and credit guarantee funds allocated a special fund of NT\$75 million, with a maximum amount of guaranteed loan of NT\$750 million. The loan is for qualified youth startup entrepreneurs, who apply for youth startup loans to meet startups’ early-phase capital needs. 5 information seminars on youth loans had been held since November 2019.



Poster for Youth Startup Loans



Information Seminars for Youth Loans

B. The City started accepting applications on November 1, 2019. By December 31, 2019, a total of 21 applications were approved,

issuing a total amount of NT\$23.8 million in loan.

VIII. Military Service Administration

Conscription Affairs

Received Rating of Outstanding for Performance from National Conscription Agency, Ministry of Interior's Evaluation:

1. Improved Conscription Procedures

In 2019, the city conducted military register investigation for 18,957 men, conscription investigation for 16,987 men, lot drawings for 10,809 draftees, and the entering active service of 11,341 draftees. Investigation was also conducted for 2,086 draftees from other counties and cities.

2. Duty Affairs:

(1) Draftees with difficult financial conditions were given living assistance allowance for the

three major national holidays and one-time settlement allowance totaled 152 applications and 3,578,590 NT\$; death consolations funds for regular servicemen and substitute servicemen totaled 18 people and 11,472,000 NT\$.

(2) The call-to-service training for reserved substitute service draftees and the regular on-site training of substitute service draftees was held on the holiday on June 14, 2019 at the Women Children Youth Center in Fengshan District, where disaster prevention education and training were jointly implemented.

(3) In caring for the elderly through the activities of helping clean living spaces and providing

New Year food delivery, substitute civilian servicemen serviced a total of 78 elderly households. There was also a total of 5 blood drives from donation of servicemen with approximately 73,000 cc of blood donated.

3. Management of Veterans Memorial Shrine:

The city's military cemetery, Veterans Memorial Shrine in Kaohsiung Niasong District spans 2 hectares and contains 14,500 single niches. Kaohsiung Veterans Shrine in Yanchao District spans 12 hectares and contains 19,616 niches and 4,504 couple niches, respectively. These niches are provided for dead or retired soldiers (or their dependents). Every year, spring and fall ceremonies are held, and an online worship system was established in Yanchao district. This year, the number of online worships reached 14,915.



Draftees' physical examination



Director-general sent off draftees to active service



Call-to-service training for reserved substitute service draftees

National Defense Mobilization Preparatory Committee

Received Rating of Outstanding in Executive Yuan's Evaluation:

1. During the torrential rain on July 19 and August 15 and Typhoon Bailu on August 23, the National Army coordinated assistance in evacuation and disaster relief, saving 221 people and retrieving 54 machinery and tools.
2. For the prevention and control of the dengue fever epidemic, the National Army was asked to assist in spraying operation for dengue fever prevention and control. From July 1st to August 16th 2019, outdoor spray work was implemented in four districts, Sanmin Fengshan, Lingya, and Qianzhen with a total supporting manpower of 1914 (people).
3. National Army Giving Lectures on African Swine Fever

To prevent African swine fever, the Kaohsiung branch office of the Bureau of Animal and Plant Health Inspection and Quarantine, Council of Agriculture, Executive Yuan coordinated to dispatch instructors to the five major disease prevention areas to conduct lectures. A total of 1470 people participated.

4. Conduct Army-Civilian Joint Air Raid (Wanan 42) Drill: The Military Service Office, Civil Affairs Bureau (also served as the secretary section for Mobilization Committee of Kaohsiung City Government) provided the implementation plan for the 2019 army-civilian joint air raid (Wanan 42) drill, and about 400 individuals from a total of 17 different bureaus, offices, and National Army units aided the participation in the drills. The project proudly received a rating of outstanding in the Executive Yuan’s evaluation.



Mayor greeted National Army assisting in mosquito sterilization for dengue fever prevention

National Defense Education

Results Recognized by Central and Local Governments

1. National Defense Education Takes Root
Troops coordinated to invite elementary school students to tour the “Fleet of Friendship”, Aviation Education Exhibition Hall, Cultural Park of Taiwan Military Veteran

Village, and the Story House of Naval Base Zuoying to help national defense education take root.

2. 70th Year Anniversary of the Battle of Gunningtou Memorial Concert and Exhibition Held on October 25, 2019 at the Wei-Wu Mi-Mi Street Art Village, invitations were extended to officers from Kaohsiung, Tainan, and Pingtung to participate in the gathering. Deputy mayor Li Sichuan presented certificates of appreciation to thank their efforts for protecting Taiwan.
3. Taiwan Strait Battle of 823 Memorial Hall
Within Weiwuying Metropolitan Park, the first Taiwan Strait Battle of August 23rd Memorial Hall was established. The number of visitors this year totaled 10,782.
4. Achievements of Expanding National Defense Education
 - (1) Proud recipient of outstanding award of the 2019 Outstanding Group Contribution Awards for Public National Defense Education from the Ministry of National Defense.
 - (2) Proud recipient of 1st place in the 2019 Outstanding Contribution Award for Public National Defense Education from the city government.



During “National Defense Takes Root” tour



Fall ceremony at Veterans Memorial Shrine



Mayor held fall ceremony at the Martyrs' Shrine



70th anniversary of the Battle of Gunningtou Memorial Concert



Elementary school students visited 823 Memorial Park

IX. Land Administration

The Ministry of the Interior (MOI) gave an appraisal of the City's performance in land administration services in 2019. The Land Administration Bureau (LAB) gained a "Excellence" grade for its overall ranking, including "Distinguished Honor" in the "land information management" category and "Excellence" in the "land value", "land rights", "real estate transaction", "urban land consolidation", "zone expropriation", and "comprehensive overall performance" categories, winning honorary recognition.

Cadastral Management

1. Cadastral management agencies

Administration Bureau (LAB) oversees land

administrative affairs of the City. District land offices are set up under the bureau to handle the tasks of registration, survey, pricing and use of land. Their jurisdictions are as follow:

- Xinxing Land Office: administering Xinxing and Lingya (2) districts.
- Yancheng Land Office: administering Yancheng, Qianjin, Gushan and Qijin (4) districts.
- Qianzhen Land Office: administering Qianzhen and Xiaogang (2) districts.
- Nanzi Land Office: administering Nanzi and Zuoying (2) districts.
- Sanmin Land Office: administering Sanmin district.

- Fengshan Land Office: administering Fengshan and Dashu (2) districts.
- Gangshan Land Office: administering Gangshan, Qiaotou, Yanchao, Yongan, Ziguan and Mituo (6) districts.
- Luzhu Land Office: administering Luzhu, Hunei, Alian, Qieding and Tianliao (5) districts.
- Daliao Land Office: administering Daliao and Linyuan (2) districts.
- Renwu Land Office: administering Renwu, Niaosong and Dashe (3) districts.
- Qishan Land Office: administering Qishan, Neimen, Shanlin, Jiaxian and Namaxia (5) districts.
- Meinong Land Office: administering Meinong, Taoyuan, Liugui and Maolin (4) districts.

2. Land registration

- (1) As of the end of December 2019, there were a total of 1,469,193 plots of land registered in the City, amounting to a total area of 287,186 hectares (ha.). Registered buildings numbered 1,015,418 units (households), amounting to 56,067,061 pings (185,345,649 square meters).
- (2) In 2019, the total number of processed land registration cases at land offices in the City was 294,468, or 888,814 plots (units), which was 13,998 more cases than in 2018.

3. Land survey

- (1) In 2019, the total number of processed land resurvey cases at land offices in the City was 20,373 cases, or 45,134 plots, which was 79 less cases, or 162 less plots than in 2018. Building survey cases numbered 16,280 cases, or 16,683 plots, a decrease of 3,654 cases, or 3,886 plots, from 2018.
- (2) In 2019, the land control points in the City have increased by about 1,296 points. They serve as references for cadastral surveying to

enhance its accuracy, eliminate boundary disputes, and ensure the rights of land owners

4. Resurveys of cadastral maps

To determine boundaries and safeguard public interests, the City carried out cadastral map resurveys on a total of 10,506 plots of land, amounting to 2,271 hectares in 2019.

5. Cadastral clearances

- (1) The Implementation Plan of Cadastral Clearance was carried out; 15 land categories were completed for the tasks of clearance and public notification. A total of 7,854 plots of land were re-registered, with completion of clearances reaching 97.18%.
- (2) For the auctioning of land, a total of 122 plots of land had been auctioned off until 2019 over which ownership could not be determined by the cadastral clearance process. Their total bids amounted to NT\$191,375,076, reaching the goals of improved cadastral management and better land usage.

6. Land administration improvement measures

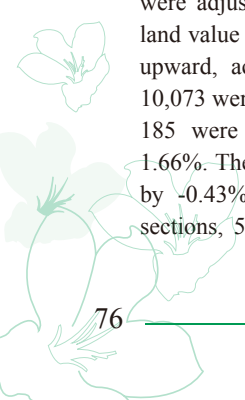
- (1) To achieve the goal of a “one-stop, cross-district service”, the LAB implemented simplified registration operations to facilitate cross-office applications. In 2019, a total of 93,655 cross-office registration cases were processed.
- (2) To keep up with current Internet trends, multiple channels were adopted for the application of registration transcripts, eliminating the need to fill out application forms. The LAB provided cross-office services to issue registration transcripts by the City and other counties and cities. In 2019, it approved a total of 304,678 cases, issuing 1,301,171 transcripts.
- (3) A 24/7 service was set up through the Taiwan E-Net Land Information System for data

enquiries including the City's cadasters, land value, cadastral maps, building addresses, results of building surveys, and indexing cadastral data changes.

- (4) The Household Registry Information System was used proactively to investigate individual household data of applicants, eliminating forgeries and alterations to safeguard the property rights of the public.
- (5) Information technologies were applied to scan original cadastral documents and preserve historic cadastral data permanently. The City also offered online image retrieval services to the public for applications for historical cadastral data. Approval and issuance procedures were fully computerized to ensure availability at any time and reduce waiting times. In 2019, a total of 5,100 applications for online retrieval were processed, with 38,355 documents issued.
- (6) The City fully implemented a management list of unregistered inherited lands and building improvements, urging and assisting the inheritors to register their inheritances as soon as possible. In 2019, a total of 825 house visits were conducted (738 cases were successful).

Equalization of Land Rights and Assessment of Land Value

1. Announced current land values and announced land values



On January 1, 2020, the announced current land values and announced land values were published. The announced current land values were adjusted by 0.32% on average: Of 11,141 land value sections in the City, 883 were adjusted upward, accounting for 7.93% of all sections; 10,073 were not adjusted, accounting for 90.41%; 185 were adjusted downward, accounting for 1.66%. The announced land values were adjusted by -0.43% on average: Of all the land value sections, 562 were adjusted upward, accounting

for 5.04%; 9,434 were not adjusted, accounting for 84.68%; 1,145 were adjusted downward, accounting for 10.28%. The highest valued section was located at the Far Eastern Department Store in Lingya District, with an announced current value of NT \$570,000/m² and an announced land value of NT \$93,000/m²; the lowest valued section was the national forest land in Taoyuan District, with an announced current value of NT \$41/m² and an announced land value of NT \$13/m². The announced current land value for the whole city totaled NT\$11,286,243,996,000 and the announced land value totaled NT\$2,965,335,024,000.

2. Compiling of an inventory of land with completed public facilities

An inventory of land liable to land tax on the completion of public facilities was established in 2019. A total of 110 entries were made.

Land Rights Management

1. Supervising of district offices on the registration of arable land under 37.5% lease contract

In 2019, the implementation of the 37.5% Arable Rent Reduction Act produced a total of 1,711 plots of leased land, 959 lease contracts, 1,597 tenant households, 2,139 landlord households, and 316.16 hectares of leased land.

2. Arbitration of tenancy disputes

In 2019, district offices organized a total of 11 arable land tenancy mediation meetings, mediating 11 tenancy dispute cases. The City government's Commission of Arable Land Tenancy held 2 sessions to arbitrate a total of 5 tenancy disputes.

3. Control of the legal rights of foreigners and Mainland China citizens to acquire land

- (1) The City determines the rights of foreigners

to purchase and transfer land in accordance with regulations set forth in Article 20 of the Land Act. In 2019, 147 cases were approved for foreigners (corporate entities included) to obtain ownership, including 163 plots of land and 197 building units (households); 59 cases of ownership transfer were approved, including 84 plots of land and 98 building units (households).

- (2) As of the end of 2019, the City approved 144 cases of acquisitions, creations, or transfers involving 132 plots of land and 107 building units (households) in accordance with Articles 6 and 8 of the Regulations Permitting People and Legal Entities of the Mainland Area or Mainland-Funded Enterprises to Acquire, Create or Transfer the Property Rights of Real Estate.

4. Managing City-owned arable land

As of the end of December 2019, the City manages 1,087 plots of municipality-owned arable land, with a collective area of 465.5 hectares. 348 of these plots were leased with a 37.5% arable rent reduction, for a total of 93.33 hectares (including land not managed by the Bureau). 107 plots were leased without the 37.5% arable rent reduction, for a total of 51.36 hectares.

Regulations on Real Estate Transactions

1. Promoting of professionally licensed practices

As of the end of 2019, the City granted 1,207 people the Land Administration Agent Practice License; 803 businesses applied for Real Estate Agency Permits, 676 of them completed their establishment filing; 1,145 Real Estate Broker Certificates were issued; 53 people were granted the Real Estate Appraiser Practice License. 59 Rental Housing Service Business Permits were issued. 37 Rental Housing Service

businesses completed the registration process and acquired registration certificates.

2. Handling real estate consumer disputes

In 2019, the City mediated 84 consumer dispute cases with brokers of readily available housing; a settlement was reached in 43 of these cases for a settlement rate of 54%.

3. Actively sponsoring of the “Actual Price Registration” policy

- (1) The Actual Price Registration policy was actively promoted through various largescale events. In 2019, a total of 47,301 cases of actual price transactions were registered. The disclosure rate reached 95.11%.
- (2) Sampling verification was conducted for 8.95% of all cases of actual reporting and registration in 2019 to guarantee the accuracy of real estate transaction information and implemented an audit mechanism. Cases in which reported and registered prices significantly differ from regular market transaction prices or registered information is suspected to be false are listed as priority targets for audits. A total of 1,065 cases of real estate transactions were audited in 2019.

4. The Customized Land Administration Express Bus was inaugurated to provide services.

Delivered to home, thus elevating the quality of public services. The bus took initiative to offer law and policy promotion related to real estate transaction safety at the event venue or location such as the unit owner assembly of a residential building, resurvey briefings, indigenous settlements, corporate activities, etc. in the City. Customized services such as hidden address in Type 2 transcript and guidance for unregistered inherited property were also provided to extend the service network and increase points of service. In 2019, a total 21 events were held, with about 7,000 citizens participated.

5. Strengthening audits of standard contracts and advertising contents to safeguard consumer rights and interests

Businesses were actively supervised to ensure that they abide by regulations newly enacted by the central government governing standardized real estate contracts and legal concepts governing advertising promises to safeguard consumer rights and interests and implement auditing and management of real estate agencies as prescribed by the Ministry of the Interior and Executive Yuan.

Land Expropriation and Appropriation

1. Land Expropriation

In 2019, the City carried out land expropriation and obtained 112 plots of land in 7 cases for public facilities, covering 0.880374 hectares. Compensation for land expropriation amounted to NT\$ 45,487,642.

2. Public Land Appropriation

The City handled 75 cases of land appropriation for public facilities and obtained 302 plots of land in 2019, covering a total area of 49.044263 hectares. 13 cases were compensated and 62 were not compensated. Simplified management and agency transfer was completed for 7 cases or 142 plots, covering an area of 2.457476 hectares.

Classification and Regulation of Non-urban Land Use

1. Classification of non-urban land use in the City: 182 cases were completed in 2019, involving 2,135 plots of land.

2. Regulation of non-urban land use in the City

In 2019, the number of cases where penalties were imposed for illegal land use in accordance with the Regional Planning Act was 241, involving 320 plots of land and

covering an area of 39.678904 hectares. The total amount of fines imposed stood at NT\$17,780,000.

3. The City's first designation of nonurban land use was as follows

A total of 2,262 plots of land were registered in the 2019 Land Office ledgers, including 553 plots of land for "Special Agricultural Zone" cases, 393 plots of land for "General Agriculture Zone" cases, 740 plots of land for "Slope Conservation Zone" cases, 262 plots of land for "Forest Zone" cases, and 14 plots of land for "River Zone" cases, 125 plots of land for "Special Zone" cases, 65 plots of land for "Village Zone" cases, and 110 plots of "National Park Zone" cases.

Land Development and Utilization

The City started to implement urban land consolidation in 1958. Until the end of 2019, it completed the consolidation of 4,211.69 hectares in total (3,484.36 hectares for the public sector and 727.33 hectares for the private sector), developing 2,675.90 hectares of construction land (2,191.74 hectares for the public sector and 484.16 hectares for the private sector) and acquiring 1,535.79 hectares of land for public facilities without paying compensation (1,292.62 hectares for the public sector and 243.17 hectares for the private sector). As of 1989, the City has carried out zone expropriation. Until the end of 2019, it completed 1,488.13 hectares in total, developing 745.47 hectares of construction land and acquiring 742.66 hectares of land for public facilities without paying compensation. The total area of urban land consolidation and zone expropriation in the City was 5,699.82 hectares, including the development of 3,421.37 hectares of construction land and acquisition of 2,278.45 hectares of non-compensated land for public facilities.

The land development tasks performed in 2019 can be summarized as follows:

1. Land Consolidation

(1) Urban Land Consolidation for Multifunctional Commerce and Trade Park

A. The Phase-70 Consolidation Zone covers a total area of 8.01 hectares. Upon completion, it yielded 2.81 hectares of public facility land from non-compensated acquisitions and 5.20 hectares of construction land. Investigation of land allocation disputes is currently administered. Consolidation is scheduled to commence on January 2, 2019 and construction is now underway.



Scope and location map of Phase-70 Urban Land Consolidation Zone

B. The Phase-88 Urban Land Consolidation Zone covers a total area of 11.21 hectares, yielding 5.39 hectares of construction land and acquisition of 5.82 hectares of non-compensated land for public facilities. Registration of change of descriptions for the entire zone has been completed. Consolidation is scheduled to commence on August 11, 2019 and construction is now underway.



Scope and location map of Phase-88 Urban Land Consolidation Zone

C. The Phase-90 Urban Land Consolidation Zone covers a total area of 16.91 hectares, yielding 11.22 hectares of construction land and acquisition of 5.69 of non-compensated land for public facilities. Investigation of land allocation disputes is currently administered.

D. The Phase-94 Urban Land Consolidation Zone covers a total area of 20.27 hectares. Upon completion, it will yield 7.95 hectares of public facility land from non-compensated acquisitions and 12.32 hectares of construction land. Registration of change of descriptions for the entire zone has been completed.



Scope and location map of Phase-94 Urban Land Consolidation Zone

E. The Phase-95 Urban Land Consolidation Zone covers a total area of 10.01 hectares. Upon completion, it will yield 4.13 hectares of public facility land from non-compensated acquisitions and 5.88

hectares of construction land. Registration of change of descriptions for the entire zone has been completed.

(2) Urban Land Consolidation Zone (Phase 71)

This consolidation zone is located at the Kaohsiung Main Station and its east wing area, covering a total of 24.74 hectares. Upon completion it will yield about 9.81 hectares of exclusive station zone, about 5.61 hectares of a special commercial zone, about 0.55 hectares of a general commercial zone, and about 8.77 hectares of acquired non-compensated land for public facilities. For the consolidation project, the registration of change of descriptions was done subsequent to the consolidation project. Investigation and demolition of structures above land are underway, and according to the investigation progress, the project is keenly carried out in two stages.



Scope and location map of Phase-71 Urban Land Consolidation Zone

(3) Urban Land Consolidation Zone (Phase 81)

This zone covers a total area of about 48.78 hectares. Upon completion, it will yield 20 hectares of public facility land from non-compensated acquisitions and 28.78 hectares of construction land. Announcement of the consolidation proposal was completed, and the pre- and post-consolidation land value appraisals are now underway.



Scope and location map of Phase-81 Urban Land Consolidation Zone

(4) Urban Land Consolidation Zone (Phase 85)

This zone covers a total area of about 7.97 hectares. Upon completion, it will yield 2.79 hectares of public facility land from non-compensated acquisitions and 5.18 hectares of construction land. Land allocation objections are currently being resolved. The consolidation project is divided into three stages and construction is now keenly carried out.



Scope and location map of Phase-85 Urban Land Consolidation Zone

(5) Urban Land Consolidation Zone (Phase 86)

This zone covers a total area of about 12.40 hectares. Upon completion, it will yield 7.97 hectares of warehouse transshipment land and 4.43 hectares of public facility land from non-compensated acquisitions. After completion of the consolidation, the change of land rights was registered. Partial acceptance of the consolidation project was performed on November 28, 2019.

(6) Urban Land Consolidation Zone (Phase 87)

This zone covers a total area of about 28.88 hectares. Upon completion, it will yield 17.59 hectares of construction land and 11.29 hectares of public facility land from non-compensated acquisitions. After completion of the consolidation, the change of land rights was registered. Consolidation was completed on December 26, 2019.



Completed work of Phase-87 Urban Land Consolidation Zone

(7) Urban Land Consolidation Zone (Phase 89)

This zone covers a total area of about 23.25 hectares. Upon completion, it will yield 10.83 hectares of construction land and 12.42 hectares of public facility land from non-compensated acquisitions. Land handover for the entire zone has been completed. Consolidation was completed in January 2019.



Completed work of Phase-89 Urban Land Consolidation Zone

(8) Urban Land Consolidation Zone (Phase 92)

This zone covers a total area of about 26.60 hectares. Upon completion, it will yield 20.19

hectares of construction land and 6.41 hectares of public facility land from non-compensated acquisitions. Land allocation is currently in progress. The consolidation project has commenced on July 11, 2019 and is now underway.



Scope and location map of Phase-92 Urban Land Consolidation Zone

(9) Urban Land Consolidation Zone (Phase 93)

This zone covers a total area of about 15.85 hectares. Upon completion, it will yield 10.79 hectares of construction land and 5.06 hectares of public facility land from non-compensated acquisitions. Registration of change in land rights is currently in progress and consolidation is underway.

(10) Urban Land Consolidation Zone (Phase 96)

This zone covers a total area of about 4.89 hectares. Upon completion, it will yield 1.71 hectares of public facility land from non-compensated acquisitions and 3.18 hectares of construction land. Reporting of the urban plan and promulgation of the implementation work are currently in progress. Public announcement of the consolidation proposal and related procedures will soon be carried out.

(11) Urban Land Consolidation Zone (Phase 97 - Wungao Land)

This zone covers a total area of about 3.45 hectares. Upon completion, it is expected to yield 1.18 hectares of public facility land

from non-compensated acquisitions. The Ministry of Education as the original land requesting agency has completed the cancellation of expropriation for part of the land in the zone. A landowners' meeting was convened on November 27, 2019. A renewed consolidation proposal is now under study.

(12) Niaosong C12 Urban Land Consolidation Zone (Phase 98 – Neighborhood Center Commercial Zone)

This zone covers a total area of about 0.4846 hectares. Upon completion, it will yield 0.3857 hectares of construction land and 0.0989 hectares of public facility land from non-compensated. Surveying and selection of the scope of land was completed on May 16, 2019, and a meeting of the landowners within the scope of the consolidation zone was held on July 1, 2019. Drafting of the consolidation proposal is underway for submission to the Ministry of the Interior for preliminary review.

(13) Urban Land Consolidation Zone (Phase 99 - Aoti 2 Land)

This zone covers a total area of about 3.08 hectares. Upon completion, it will yield 1.50 hectares of construction land and 1.59 hectares of public facility land from non-compensated acquisitions. The public notice of the consolidation proposal was published from July 17 until August 16, 2019. Pre- and post-consolidation land value appraisal is currently in progress.

(14) Urban Land Consolidation Zone (Phase 100 – Origin of Love River)

This zone covers a total area of about 20.85 hectares. Upon completion, it will yield 10.40 hectares of construction land and 6.41 hectares of public facility land from non-compensated acquisitions (excluding about 4.04 hectares of retarding basin and waterway that are not shared burden). The

consolidation proposal for this zone dated February 7, 2020 was approved by the Ministry of the Interior. After completion of the statutory procedures, the urban plan can be submitted to the Ministry of the Interior for approval and implementation of the urban land consolidation.

(15) Encouraging private urban land consolidation

In 2019, the City approved 27 urban land consolidation zones implemented by the private sector, covering a total area of about 157.45 hectares.

2. Zone Expropriation

(1) Qianzhen District 205th Arsenal zone expropriation

This zone covers a total development area of about 58.35 hectares and will yield 29.05 hectares of public facility land from non-compensated acquisitions and 29.30 hectares of construction land upon completion. The period of public notice for this zone expropriation plan has officially expired. Matters relating to the offer of price for the public land are now being processed.



Scope and location map of the 205th Arsenal

(2) East of Kaohsiung Marine University zone expropriation

Financial settlement for this zone was announced on the notice Gao-Shi-Di-Zheng-Fa-Zi No. 10871359500 dated October 9, 2019.

3. Land auction in development zones

In 2019, the City auctioned off a total of 46 plots of land in the development zones, involving a total area of 5.63 hectares. The total transaction amount exceeded NT\$ 5 billion.

4. Reducing of development costs

- (1) The City arduously collects differential land values to recover development costs in all development zones. In 2019, a total of NT\$11,812,313 was collected.
- (2) The City allocates and utilizes incomes and expenditures in a flexible manner. From 1996 to 2019, surpluses amounting to NT\$29.88 billion were successively deposited into the City Treasury.

5. Support for municipal construction

The City government allocates surpluses from areas where urban land consolidation or zone expropriation has been completed to support the construction of neighboring development zones and advance their development with the ultimate goal of ensuring sound municipal construction. As of the end of December 2019, NT\$ 682,130,000 was actually allocated from the Equalization of Land Rights Fund.

6. Improvement of agricultural waterways in farmland consolidation zones

- (1) In 2019, a budget of NT\$72,000,000 was allocated to improve agricultural waterways in farmland consolidation zones. A total of 101 waterways were improved in 13 administrative districts.
- (2) Along with a subsidies of NT\$32,300,000 by the Council of Agriculture of the Executive Yuan, the City contributed NT\$6,615,663 to a total budget of NT\$38,915,663 to improve 66 agricultural access roads.

Land Administration and Geographic Information System (GIS)

1. E-commerce in land administration

Integrating data from the City's Urban Development Bureau, Public Works Bureau and land administration offices around the country, a 24/7 online land information service is provided. In 2019, the e-commerce Land Information System (LIS) generated a shared revenue of over NT\$68 million.

2. Land administration and land development information service

- (1) The City's Land Administration Bureau (LAB) has earned distinguished ratings at the National Land Information Service Appraisal by the Ministry of the Interior (MOI) for 13 consecutive years (from 2007 to 2019).
- (2) The "Land Information Security Management System" (ISMS), which represents the City's land information operating environment, has been given the ISO27001 certificate issued by the Taiwan Accreditation Foundation (TAF) and international accreditation organizations, and the review validation was passed in 2019, bearing witness to its validity in information security.
- (3) The City Government assists the Ministry of the Interior in the development of a "Cross-County/City Land Registration System" and the maintenance and management of a "Web-based Computer Operating System for Land Registration, Land Resurveying, Land Valuation, and Land Use", thereby facilitating the maintenance/management of the nationwide registration system and the land administration system with added/modified functions.
- (4) The City Government has acquired subsidies for forward-looking infrastructure projects in the context of the "Program to Strengthen the

Information Security and Regional Mutual Defense Mechanisms of Local Household Registration and Land Administration Agencies” and carried out the 2019 “Land Administration IT Equipment Upgrade and Data Transfer Project”. The goal is to replace land administration IT equipment of the City’s Land Administration Bureau and its subordinate agencies.

- (5) The City Government implemented the “Expansion of Related Land Administration and Development Systems” to meet operational demands for adding/modifying the plug-ins of the Lands Integration System and enhancing its land administration functions, thereby improving its performance in the fields of land administration and the management of land development.

3. Promotion and application of geographic information


- (1) The “2019 Development Zone Image Creation Project” was implemented to support land development and management. In 2019, aerial high-resolution orthophotos were shot for 5 development zones and the UAV image creation for Dalinpu was done.
- (2) The LAB implemented the “2019 Geographic Data Warehouse System and the Functional

Expansion of the Common Platform”. A number of tasks were carried out including the functional expansion of the cadastral data application system, establishment of land administration and spatial data application API to provide more comprehensive geographic data system services in support of the City government’s agencies in their administration and management. The City Government was awarded the 2019 TGOS Logistics Service Award by the Ministry of the Interior.

- (3) The City Government carried out the “3D Multipurpose Cadaster Data Project” to continue the tasks of image data establishment, including the digitization and archiving of building data and 3D cadastral models of the buildings within the City’s jurisdiction, in order to achieve the integration of the 3D cadastral data. In 2019, detailed 3D models of over 1,150 numbered buildings which are located in the Xindu section in Sanmin District, Fengqing section in Fengshan District, Qinghai section and Longzhong section in Gushan District were created; functionality of the “3D Multipurpose Cadaster Data Query System” was expanded; and the software for the “Floor Plan Batch Export of 3D Basic Buildings” was created.

X. Affairs of Indigenous People

The Population of Indigenous People and the Distribution of Indigenous Tribes



As of the end of December 2019, the indigenous population of this city was 35,200 (13,078 plainland indigenous people and 22,122 mountain indigenous people; with 16,550 males and 18,650 females). In regard to distribution of indigenous population in different districts, the four districts having the highest indigenous

population are Taoyuan District with 3,943 indigenous people, Siaogang District with 3,592 indigenous people, Fengshan District with 3,216 indigenous people and Namaxia District with 2,732 indigenous people, having a population accounting for 38.29% of the total indigenous population in this city. All these 16 indigenous tribes in Taiwan have households registered in different districts of Kaohsiung City, with 28% being Amis Tribe, 26.2% being Punung Tribe, 25.3% being Paiwan Tribe, 7.7% being Rukai

Tribe, 4% being Taiya Tribe, 0.95% being Hla'alua Tribe, 0.8% being Kanakanavu Tribe, and 7.05% being other tribes.

Objective of the aboriginal affairs policies

1. To preserve and disseminate the aboriginal culture, to educate the respect for differences between non-aboriginal and aboriginal cultures, to further advocate the ideas and values aboriginal people uphold, and to encourage communications and exchange of cultures between different ethnic groups.
2. To consolidate school resources, to ensure the rights of aboriginal people to education, to deepen the understanding of aboriginal education and their culture, and to make more prevalent pre-schooling educations within the aboriginal communities.
3. To reinforce aboriginal college lifetime educations, bringing together schools, clubs, churches, and aboriginal people associations within communities to establish aboriginal language schools, information technology classes, career-training classes, and to make possible better life qualities in aboriginal communities.
4. To reinforce the consulting aspects of aboriginal clubs, aboriginal people associations, to set up events for the encouragement of communication between city and rural cultures, and to enhance the friendship and partnership between different aboriginal tribes in the city areas so they may stand better chances for opportunities such as jobs and receiving education.
5. To create activities for aboriginal youths and career-education students, to reinforce aboriginal youths' identification with their own cultures so they can pass down such cultures to the next generations.
6. To continually hold indigenous ceremonies and rituals, to encourage international cultural exchanges, to promote Taiwanese aboriginal cultures, and to help market the Kaohsiung city image as the multi-cultural, multi-faceted community.
7. To encourage exercises and sporting activities to promote health in the city residents. To reward and acknowledge outstanding sportsmen with aboriginal ethnicity, who can help create healthier city lives for its residents.
8. To enforce Aboriginal Job Rights Protection Laws, ensure appropriate allocation of job resources. To strengthen aboriginal people's skills for careers, and to hold events that can promote a higher employment rate within the community.
9. To implement medical and hygienic services and increase aboriginal people's participation in the national health care system. To set up the security network for aboriginal communities and to strengthen care service for them.
10. To promote education for gender equality, to assist women with getting careers. To hold seminars discussing related legal issues and provide legal consulting services to protect their rights.
11. To help aboriginal people get a head start in their finances, and to help them with finding funding and endorsements.
12. To promote aboriginal housing policies and the better management of Naluwan national housing community. To assist the application of funding for home purchases and the maintenance of houses, and to make a better living environment for aboriginal people.
13. To construct roads and basic infrastructure to improve traffic in tribes and their qualities of lives.
14. To write up proposals for affairs regarding aboriginal preservation land rights: the right

to own, to manage, to use, the preservation of forests, creation of forests by people, usage/management of lands outside preservation limits and any other affairs of related issues.

15. To develop aboriginal region tourism, aboriginal arts and crafts, farming, fishing, animal husbandry and the related marketing services for such.

The Reappearance of the Austronesian Culture in Kaohsiung

1. Promoted Indigenous Social Education and Provided Diversified Learning Pathways

(1) Ran Indigenous Tribal College

A. Different programs are offered every year to promote lifelong learning, heritage of the indigenous peoples' traditional skills and knowledge, contemporary knowledge learning, and enhancement of the indigenous people's manpower quality. In 2019, the 4 types of programs offered are indigenous cultures, industrial development, life knowledge and skills, ecological and tribal creation. There were 74 classes opened, having 1,424 students taking these programs; 2 learning-outcome exhibitions were held with over 300 participants.



Indigenous Tribal College

B. Open University of Kaohsiung and Kaohsiung Indigenous College established “Creative Indigenous Culture Industry Credit Program”, which is divided into 4 individual fields: “Indigenous Cultures Credit Program”, “Industrial Development Credit Program”, “Life Knowledge and Skills Credit Program” and “Ecology and Creation Credit Program”. Following the completion of a program, a certificate of completion will be awarded; when all of the 4 programs are completed, a “Creative Indigenous Culture Industry Credit Program” certificate (80 credits) will be awarded. After taking the 80 credits aforesaid, the awardee can also complete 48 additional credits of the courses of Open University of Kaohsiung in accordance with the regulations, and then a bachelor's degree of Open University of Kaohsiung will be conferred. This ensures that the programs offered by the Indigenous Tribal College are equipped with both theoretical knowledge and practical skills, which encourages the indigenous people to study for a university degree

C. On December 9 and 20, 2019 Kaohsiung Indigenous College and Open University of Kaohsiung co-held “Indigenous Peoples’ Public Issue Forum – Make a Tribal Fortune from the Original Hometown” at Open University of Kaohsiung and in Baoshan Tribe of Taoyuan District respectively. There were 5 sessions held in total. Focusing on the public issues that the indigenous peoples were concerned for, experts and scholars of the related areas were invited to attend the forum with a total of 300 participants.

- (2) Kept on cooperating with Education Bureau to promote running of tribal experimental elementary school at Duona Elementary School and Maolin Elementary School in

Maolin District as well as Zhang Shan Elementary School in Taoyuan District of Kaohsiung City.

- (3) Cooperated with Kaohsiung Broadcasting Station in airing the self-made broadcast program, “E-la Indigenous People”, which is broadcasted from 4 pm to 5 pm on every Wednesday, and rerun from 1 pm to 2 pm on Sunday. The program includes interviews of the indigenous people in all walks of life, big and small events of the tribes, promotion of the industries from indigenous people’s hometown, and promotion of information about indigenous activities and government decrees.

2. Promoted and Integrated Indigenous Languages Into Everyday Life

- (1) In 2019, tribal language promotion staff were required and a subsidiary program was established, employing 11 Tribal Language Promoters. These staffs were distributed to different institutions of Kaohsiung City Government: 5 staffs at Indigenous Affairs Commission (including 2 staffs for Punung language, 2 staffs for Amis language, 1 staff for Paiwan language), 2 staffs at Maolin District Office (including 1 staff for Maolin Rukai language, 1 staff for Duona Rukai language), 2 staffs at Taoyuan District Office (including 1 staff for Punung language, 1 staff for Hla'alua language), and 2 staffs at Namasia District Office (including 1 staff for Punung language, 1 staff for Kanakanavu language). The implemented projects comprised many tribal language promotion matters, including opening of 16 classes for tribal language inheritance and learning classroom, opening of 13 classes for tribal language meeting club, opening of 62 classes for tribal language learning families, publication of 40 essays about tribal language collection and records, assistance to 4 schools for implementation of immersion teaching of

tribal languages, employment of 21 language nannies for tribal language, and other tribal language promotion measures, such as production of tribal language broadcasting programs, assistance for holding of the related tribal language competitions, live-stream co-learning teaching, translation of event nameplate, with around 10,669 people benefited from these projects.

- (2) Tribal language radio programs were produced and broadcasted. From 11:00 a.m. to 12:00 noon on Saturdays, a tribal language radio program “No Wonder” is aired, introducing the legendary stories of different tribal languages, and “Indigenous Language E-Playground” is also aired, teaching daily conversation and folk songs in different tribal languages (including 8 different tribal languages, namely Wutai Rukai language, Punung language, Amis language, Paiwan language, Wanshan Rukai language, Kanakanavu language, Taroko language and Hla'alua language).



Indigenous Language Broadcasting Program

In 2019, we cooperated with Indigenous Peoples Cultural Foundation to produce a program to be aired on “Alian 96.3 Indigenous Peoples’ Radio Station” at 5:00 p.m. every Saturday and Sunday afternoon. This program allows horizontal connection of resources, enabling more people to learn tribal languages through a diversified channel,

i.e. a tribal language radio program of Kaohsiung City, and creating a friendly tribal language-speaking environment. There were over 10,000 people benefited from the radio program.

- (3) From Jun. 8 to Jun. 9, 2019, the Indigenous Affairs Commission led a team to take part in a national competition activity held by the Council of Indigenous Peoples, “The 5th Indigenous Language Vocabulary Competition.” The representative team of Kaohsiung City won the champion in Elementary School Group, Endangered Elementary School Group and Endangered Junior High School Group, as well as the second place and the third place in Endangered Junior High School Group. With the total results of 3 champions, 1 second prize and 1 third prize, the team scored the highest in the national competition.
- (4) From Oct. 26 to Oct. 27, 2019 the Indigenous Affairs Commission led a team to take part in a national competition activity held by the Council of Indigenous Peoples “The 9th Indigenous Language Drama Competition.” The representative team of Kaohsiung City won the Best Leading Actor Award and the Best Leading Actress Award in Students Group, the second place in Social Group, and the 6th place in Family Group. The team achieved a bonus of \$230,000 in total, making the team being the greatest victory in the national competition.



Indigenous Language Drama Competition

- (5) On Mar. 19, 22, 26 and 28, 2019, Tribal-Language Official Document Writing Classes were held at Civil Service Development Institute, attempting to strengthen the staff’s writing ability of official documents in tribal languages. The targets of participants were the persons-in-charge of indigenous peoples’ affairs working at different government institutions and schools. There were 31 staffs attending the courses, which included analysis on the process and contents of national language legal system, the current promotion model of indigenous languages in Taiwan, autonomous learning of tribal languages, and multi-language meeting clubs.

3. Promoted Folk Ceremonies, Cultural and Social Education Events

- (1) Organized the 2019 Kaohsiung City Indigenous People Joint Harvest Festival - Tangidrakakalane. The Rukai Harvest Festival used the Rukai tribe as the representative tribe in the performance. 35 indigenous groups from this city participated in the joint performance, and a total of 130 stalls. Traditional fun competitions included bunny hopping in sacks, sawmilling, head-carrying skill and net-casting. It was estimated that 500 participants took part in the competition, attracting over 10,000 people to participate in the event.



Joint Harvest Festival Ceremony

- (2) Organized the learning series of the social education activities project, which provided subsidiaries to 6 clubs in this city and proposed 6 projects. The total subsidy issued was 660,000 NTD.
- (3) Assisted in proposing to the Central Government a Taiwanese Plainland Indigenous Peoples Settlements Vitalization Subsidy Project. In 2019, two settlements in Laonong and Muzha passed the subsidy evaluation; receiving a total of 2,810,000 NTD in subsidy.
- (4) The 2019 Annual Guidance assisted the indigenous clubs, churches, associations of townsmen and schools in organizing a total of 22 folk ceremonies, cultural and social education activities. The total subsidy issued was 600,000 NTD.



Folk Rituals Ceremony

4. Value Indigenous Education and Children's Educational Welfare

- (1) Preschool childcare subsidy was given in 2019 to 734 schoolchildren attending public kindergartens and 758 schoolchildren attending private kindergartens, having approved a total of 1,492 schoolchildren to receive the subsidy. The total expense of such subsidy given was NT\$13,816,806.
- (2) Indigenous students were made eligible for free school lunches. In 2019, 2,161 elementary school students and 915 junior high school students received free school meals. A total of 3,076 students were approved to receive the subsidy.
- (3) Indigenous students were awarded Excellent Academic Performance and Special Talent Scholarship in 2019. There were 803 elementary school students, 223 junior high school students, 121 senior high school and vocational high school students, and 32 university and junior college students receiving this Scholarship. A total amount of NT\$2,919,000 of the Scholarship was allocated to these students.
- (4) Indigenous students were awarded Academic Performance and Special Talent Scholarship in 2018. There were 1,185 students receiving this Scholarship, with a total amount of NT\$2,938,000 of the Scholarship allocated to these students.

5. Promoted the Sporting Movement in Indigenous Tribes

- (1) National Indigenous Sports Day grants were given: The representative team of Kaohsiung City took part in "National Indigenous Sports Day 2019" held in Taichung City on March 23-25, 2019. The team achieved marvelous results for having won 3 gold medals, 9 silver medals and 6 bronze medals. They won 3 more medals than last year. There were 30 winning contestants and coaches, and the amount of grant distributed was NT\$514,500.
- (2) In 2019 an indigenous traditional sport activity, Slow Pitch Softball Tournament was held in Kaohsiung City. The groups and teams signed up for the activity included 18 teams for traditional game and 22 teams for slow pitch softball. A total of 40 teams signed up. This event lasted for two days and had over 2,000 persons participating.



Indigenous People Softball Game

- (3) Subsidized Maolin Junior High School to organize “Tribal Cultural Exchange among Four Indigenous Junior High Schools in Kaohsiung City, Traditional Skill Competition and United Sports Day 2019.” About 300 teachers and students participated in the event.

Establishment of Indigenous People Welfare Service Network

1. Provided the indigenous people aids for emergency situations for 96 people, and medical assistance for 95 people.
2. Provided the Council of Indigenous Peoples’ Subsidy for the Construction and Renovation of Housing for the Economically Disadvantaged Indigenous People to a total of 67 households, helping this city’s indigenous people to reduce their financial burden on purchasing houses. Subsidies were provided to this city’s 24 indigenous families for constructing and renovating their personal property and enhancing their living quality. Public housing was purchased to set up the Naluwan Indigenous Community, Wujia Social Housing; the properties were then rented to indigenous people at a reduced price, taking care of the middle and low-income families and settling their housing issues.
3. Appointed lawyers for the fellow indigenous people and provided free legal consultation services for 38 people.



Promotion of Law

4. Organized 39 talent hunt and job recruitment activities to assist the indigenous people in landing suitable jobs rapidly. According to the Diversified Indigenous Occupational Education Training Subsidy Project, subsidies were provided to 14 people who had obtained their graduation certificate or license. Provided counsellings to 247 indigenous people who had obtained technical license to increase the professional skills of the indigenous people and strengthening their workplace abilities.
5. Organized 21 educational talks and communication platforms on indigenous women’s rights.
6. Organized 2 Indigenous Social Welfare Liaison Meetings in 2019.
7. Set up 5 Indigenous Families Service Centers (in Maolin District, Namaxia District, Taoyuan District, North Metropolitan District, and South Metropolitan District). When an indigenous family experienced life or financial difficulties, immediate care, consultation and assistance on the application of various social assistance grants or welfare resources were provided. The service was provided to 1024 people.



Indigenous Family Service Center

- Set up 25 Tribal Culture Health Stations and 2 Metropolitan District Elderly Day Care Centers that served 926 people. The activities include nutritious meals, health improvement program, counseling session, and etc. The Shanlin District Big Love Culture Caring Health Station was evaluated as excellent in the Southern district.



Indigenous Culture Health Station

- Set up 2 indigenous metropolitan farms (located at Dapingding Fengduan and Nanzi District). Provided each indigenous family that had their household registered in this city with a piece of land that is 10 ping and 5 ping in land area, which a total of 130 households applied. The farm not only provided the indigenous people who live in the metropolitan area with an environment for

cultivation, but it can also be used as a platform to pass down and educate the next generation about the traditional indigenous agricultural knowledge.



Indigenous Peoples Metropolitan Farm

- Executed the 2019 “Prospective Basic Infrastructure Construction - Urban and Rural Construction - Indigenous Tribal Construction Project - Indigenous Tribal Culture and Health Combined Service Station Friendly Space Construction” Project. 25 Culture and Health Stations within the jurisdiction have applied. The total expenditure for the project is 67,682,443 NTD.

Secured the Indigenous Land and Promoted the Afforestation Business

- Organized the “2019 National Implementation of the Afforestation Movement Project - Management of Exploited-Beyond-Limits Hillside Land Project”. Provided incentives for afforestation on land that were exploited beyond limits and the project detected a 257.26 hectare of up-to-standard land. The actual incentive issued by the Executive Yuan

Council of Agriculture Soil and Water Conservation Bureau was 4,700,700 NTD.

2. Implementation of Indigenous People Reserved Land Ownership Right Transfer and Indigenous People Reserved Land Right Restoration Plan — The Indigenous Affairs Commission handled 265 cases of land transfer, with their ownership right registration obtained and having 151 people benefited; handled 2 cases of non-aboriginals' leasing right inheritance in Taoyuan District; and handled 18 cases of agreement of temporary land use of public land by Taoyuan District, Maolin District and Namaxia District Offices. There were 21 pieces of indigenous reserves having completed re-division and cadastral rearrangement plan, 1 case of land border identification, 68 cadastral survey cases in Duona Section of Maolin District, re-registration and additional distribution of indigenous reserves, with 25 cases handled by Pingtung Forest District Administration for 52 persons, and 3 cases handled by National Property Administration for 6 persons.
3. Maintenance Plan of Ruins and Ecological Resources in the Indigenous Areas: Maintenance Plan of Ruins and Ecological Resources in the Indigenous Areas 2019 was undertaken. The Plan trained the members of Indigenous Areas' Ruins and Ecological Resources Maintenance Team to have ability to conduct guided tours of the local natural resources and ecology, and to inspect thoroughly the cultural sites. The local indigenous people were given the tasks and missions of patrol inspection, guided touring, environmental conservation, tribe-friendly value-added service for as well as disaster prevention and relief, providing local employment opportunities to 27 persons. The Plan gave local people guidance of and training for traditional cultural and natural resource management skills for 26 hours, carried out traditional tangible culture surveys and maintenance in 13 places / for 432.42 kilometers, conducted sustainable use of traditional ecological resources for 951.13 hectares, and offered tribe-friendly value-added services for 169 cases.
4. The 2019 Compensation for Prohibition of Logging in the Indigenous Conserved Area Project aimed to deal with matters in regards to the compensation for prohibiting logging within the indigenous conserved area and, by extension, achieving goals such as protection of the national land, replenishing of water resources, greening of the environment, nature and ecological conversation, and because of climate change, to mitigate the damage done by natural disasters. The project followed the principle of “the benefiting party pays, and the regulated party is compensated” and complied with the governmental policies on afforestation and forest cultivation. The project protected the traditional indigenous knowledge and stimulated the economic development of the indigenous people. An area of 3,549.78 hectares was applied, with the approved area being 3,051.48 hectares, and an expenditure of 87,000,000 NTD was issued, which is funded by the Council of Indigenous Peoples.
5. Organized the Indigenous Conserved Area Afforestation Reward Project that covered an approximate land area of 637.6 hectares and incentive of 17,889,301 NTD. The incentive was subsidized by the Forestry Bureau of the Council of Agriculture, Executive Yuan.
6. The Kaohsiung City Maolin Hot Spring Industry Demonstration of the New Construction Project bid was awarded on May 15, 2018, and the construction work was declared to be commenced on Oct. 21 on the same year. The project amount after design change for the first time was 75,774,792 NTD, with a construction period lasting for 325 working days. It was estimated that the

Project will be completed in May 2020. The Project can promote the development of tourism and recreational industry in Maoling District.

Development of tribal industry for indigenous people

1. Assisted indigenous people in applying for Indigenous People Comprehensive Development Fund Loan. There was a total of 247 cases of loan application, with 214 cases being successfully approved, and a total loan amount being NT\$65.25 million. Of these cases, 16 cases were economic and youth business startup loan, and 198 cases were consumption loan and production loan. Besides, there were 546 cases of loan counseling and counseling visits of overdue families.
2. Strengthened implementation of assistance for indigenous people in expanding businesses, promoted the indigenous people project loan, and increased the successful approval rate of loan cases. 24 sessions of fund loan lectures were held at the indigenous peoples' meeting places, large-scale activity sites, different churches and associations, having participants of around 1,500 persons.
3. Kaohsiung Indigenous People Pavilion was planned to be established and operated at Pier-2 Art Center in Kaohsiung City, and the marketing service plan was also made. From 2019 to 2021, the total budget for the Pavilion was NT\$12.53 million, with NT\$12 million subsidy from the Central Government. It was expected that the Pavilion would be opened in the second quarter of 2020.
4. On May 18, assistance was given to Namaxia Tribe to hold "Unveiling the Mystery of Mount Zion 2019 – Namaxia Peach Thousand-People Marathon," having participants of around 800 people.
5. On Jun. 20 to 21, Indigenous Affairs Commission and Legal Affairs Bureau co-held "Promotion of Financial Loan Service and of Rule of Law" at Maolin District Office, having the participants of around over 100 people.
6. Cooperated with Labor Affairs Bureau of Kaohsiung City Government to hold "Kaohsiung City Labor and Employers Support Gratitude Concert—" in Weiwuying, having the activity participants of over 1,000 people.
7. Cooperated with Organic Green and Juicy International Co., Ltd. to co-hold Tribal Millet and Aiyu Jelly Promotion Activity at The Howard Plaza Hotel, having the activity participants of over 200 people.
8. Cooperated with Social Affairs Bureau of Kaohsiung City Government to co-hold the 4th World Conference of Women's Shelters. On that day of the event 300 aiyu jelly drinks were distributed to the participants.
9. Cooperated with Council for Hakka Affairs to co-hold Kaohsiung Planted Tea Marketing Event at Kaohsiung Hakka Cultural Museum. The event participants were over 300 people.
10. Held Thousand People Love Aiyu and Indigenous People Market at Liantan Flagship Store of Kaohsiung Products Store, having the activity participants of over 1,600 people.



Thousand People Love Aiyu

11. To help the participation in “Joint Metropolitan Indigenous Harvest Festival 2019,” 92 stalls run by the indigenous people of Kaohsiung City were assisted to display and sell handicrafts and agricultural products. The sales volume of the activity was around NT\$703,670.
12. Organized and implemented “Tribal Kaohsiung Aiyu Industry Indigenous Settlement Innovation Promotion Plan” at 3 indigenous districts of Kaohsiung City in 2019. A budget totaling NT\$25,408,600 was offered for the period from 2019 to 2021, with the Central Government giving a subsidy of NT\$22.5 million.
13. Organized and held Indigenous People YES Holiday Market at different famous business districts and scenic spots of Kaohsiung City on Saturdays and Sundays from November 2019 to February 2020. There were 7 times of the events held (having 30 booths displaying and selling products each time), attracting around 35,000 people in total. The stalls had a total income of around NT\$950,000, effectively promoting the sale and development of agricultural and special products from the Indigenous areas.



Indigenous People YES Holiday Market

Strengthening of infrastructure in indigenous districts

1. Improved the roads in the indigenous area, upgraded the basic infrastructures in the tribes, and increased road safety and the living standard of the residents. The 2019 Safe Tribal Environment Construction Design Plan executed 13 projects, with a total expenditure of 45,000,000 NTD.
2. Developed the industries in the indigenous area, introduced tourism into the area, promoted the local agricultural products, and requested funds from the Council of Indigenous People for the Indigenous Tribal Road Improvement Project. There were a total of 8 projects in 2019 and expenditure of 84,881,796 NTD. (Picture 12)
3. In the evaluation made by the Council of Indigenous Peoples, the Indigenous Tribe Featured-Road Improvement Project 2019 of Kaohsiung City received the second place across the nation.
4. The Council of Indigenous Peoples carried out inspection and evaluation operation for performance of public infrastructure construction in 2019, and Kaohsiung City received the second place across the nation.
5. To avoid damaging the indigenous people and industries by the mountain area heavy rain



Tribal Road Improvement

and windstorm disasters, the Township Offices of different districts were entrusted with organizing the emergency repair (rescue) projects. As of 31st December 2019, emergency repair and rescue projects in different districts were conducted and had a total expenditure of 15,720,000 NTD.

6. To increase the functionality and quality of this city's Indigenous Tribal Culture Health Stations and their surrounding public facilities, the "Prospective Basic Infrastructure Project - Urban and Rural Development - Indigenous Tribal Construction - Improvement of Public Facilities Around Service Locations and in the Tribe" project was proposed to the Council of Indigenous Peoples. In 2019, 1 project in total were appealed and had an expenditure of 3,000,000 NTD.
7. In order to combine the functions of long-term elderly care, preschool child care and afterschool student care, the City Government applied for a fund of NT\$35,294,117 from the Central Government for the "Hearts of Tribes — Indigenous Story House Renovation Project."



Tribal Road Improvement

8. In order to improve the urban indigenous people's social housing apartments and their living environments, the City Government applied for the construction project for metropolitan indigenous people from the Central Government. There were 2 projects implemented, being the environmental improvement projects of Wujia Public Housing Zone and Siaogang Public Housing Zone, and funds totaling NT\$34,217,006.
9. Post-Disaster Recovery Construction was approved in the light of the heavy rain in June, 2019 and typhoon in August, 2019. The expenditure for the recovery construction was 86,847,850 NTD.

XI. Hakka Affairs

Hakka Population and Distribution

There are approximately 4,537,000 Hakka people in Taiwan. Among them, 351,000 are located in Kaohsiung, accounting for 12.60% of the city's total population. In the Meinong, Shanlin, Liouguei, and Jiasian Districts, the Hakka population is 1/3 of the districts' total populations, making these districts key Hakka development areas. Among the remaining districts, the Sanmin District has the most Hakka people, at approximately 54,400.

Administration Priorities

1. Actively Promoted Hakka Language Teaching and Ensured That Young Hakka Children Are Well-versed in Their Mother Language:

- (1) The Council gave advice to schools regarding how to promote Hakka language teaching and cultural activities. In 2019, 2,889 and 2,969 people from 58 elementary schools and 34 preschools participated in said language teaching and cultural activities, respectively.

- (2) The Immersive Early Childhood Teaching Project Using Exclusively the Hakka Language was implemented in 4 public / private preschools in the Meinong District, creating an environment that enabled students to learn everyday Hakka language.
- (3) The Council gave advice to 9 elementary schools in the Meinong and Liouguei Districts concerning the Elementary School Mandarin–Hakka Language Teaching Project, using Hakka language teaching to help students learn said languages and preserve their mother language.
- (4) The Hakka Human Culture-based Experimental Education Project was introduced to the Jidong Elementary School in the Meinong District. The project was implemented in 2019, making said elementary school the first Hakka experimental school in Taiwan.

2. Created an Atmosphere of Families and Communities Speaking Their Mother Language

- (1) Together with the Cishan Hospital and public health centers of the Meinong, Shanlin, Liouguei, and Jiasian Districts, the Council jointly promoted “speaking the mother language at home,” urging parents to develop the habit of communicating with their children in their mother language, making mother language speaking a part of their lives.
- (2) The Council created a Hakka babysitter database consisted of 61 Hakka language-speaking babysitters and successfully matched 6 children to the babysitters for nursery care.
- (3) Four family Hakka language speaking and singing events were held from April to September, attracting a total of 82 participating families (i.e., 301 elementary school students and their parents).



Family Hakka language speaking and singing events

- (4) Hakka Academy organized a series of Hakka language learning and skill-training courses (taught in 45 classes), attracting 812 participants.
- (5) A list of 40 Hakka language-speaking masters was drawn up for the public to use, enabling the Hakka language to be used in weddings, funerals, and joyful events.

3. Carried Forward the Hakka Culture:

- (1) On Jan. 1, the Council cohosted, with local art performance teams, featured shops, and travel and lodging companies, a Hakka concert and customer-welcoming fair called “Romantic Hakka Village in Meinong,” promoting Hakka art and driving Hakka industry development. The event attracted more than 1,500 visitors.



Hakka concert “Romantic Hakka Village in Meinong”

- (2) On Feb. 16 and Dec. 11, the Council held rituals “Praying for Blessings for the Chinese New Year” and “Returning Blessings at the

End of the Chinese New Year” at the Culture Museum of the Hakka Cultural Park, drawing approximately 800 Hakka villagers and citizens.

- (3) On Feb. 23, the Council for Hakka Affairs, the Education Bureau, and the Indigenous Affairs Commission co-organized the 2019 International Mother Language Day, integrating all ethnic group culture together and encouraging children to speak their mother languages.
- (4) On Mar. 16 and 17, the Council formed a team to participate in the Liudui Sports Competition, where it united Hakka people together and promoted Hakka culture during various competitions and activities.
- (5) On Jul. 27 and 28, the Council held the 2019 Pastoral Concert at the Meinong Cultural and Creative Center, planning activities such as the Creative Blue Shirt Competition, Hakka Village Jaunt, Customer-welcoming Fair, and Diversified Fashion Show, inaugurating a Hakka village tourism trend. The concert drew a total of approximately 5,600 visitors.



The Creative Blue Shirt Competition at the 2019 Pastoral Concert

- (6) Between August and October, the Council invited local Meinong Hakka troupes to deliver 4 performances at the Meinong Hakka Cultural Museum, providing traditional art teams an opportunity to teach, learn, and perform. The performances drew roughly 2,000 people.

- (7) In November, the Council hosted Hakka Festivities: Hakka Wedding at the Hakka Cultural Park, successfully promoting Hakka culture and attracting 12,000 visitors.

4. Revitalized Hakka Cultural Parks and Facilities

- (1) The Hakka Cultural Park: Its auditorium, restaurant, and exhibition and sales center were rented out to vendors, driving tourism and the economy. Additionally, large-scale events (E.g, family painting picnics, Hakka-themed levels) and 11 exhibitions were organized to revitalize the park. In 2019, the number of park visitors totaled 220,363.



The Hakka Blue Dye Event

- (2) The Meinong Hakka Cultural Museum: Events such as diversified art performances, cultural experience activities, and industry alliance activities were hosted, attracting 105,624 visitors in 2019 and generating NT\$3,032,353 in revenue.
- (3) The Meinong Cultural and Creative Center original industry environment was developed, in which platforms for selling cultural and creative merchandise were built. Diversified resources and management ideas of the private sector were introduced, where tourism marketing was utilized to facilitate local cultural and creative industry development.

5. Counseled Communities in Promoting Hakka Culture

In 2019, the Council counseled the city's 64 communities, helping them promote Hakka affairs, revitalizing traditional Hakka folk

activities, running Hakka art training courses, and working together with these communities to promote Hakka language and culture.

6. Created a High-quality Hakka Cultural Living Environment

- (1) To create and preserve the traditional Hakka cultural living environment, the Council actively applied for subsidies granted by the Hakka Cultural Life and Industry Environment Development Plan. In 2019, the Council submitted 17 proposals, eight of which were approved, generating a total subsidy of NT\$48,260,000.
- (2) The Council initiated the Revitalizing Meinong Yong'an Settlements: Qiu Yi-sheng Hakka Houses Survey and Research Project, planning the future exhibition and operation of the Meinong Qiu Yi-sheng Hakka Houses Museum. The project is scheduled to be completed in Apr. 2020.
- (3) The Council carried out the Revitalizing Meinong Yong'an Settlements: Qiu Yi-sheng Hakka Houses Renovation Project, renovating the traditional Hakka houses space and transforming it into a museum to be opened to visitors. The project is scheduled to be completed in June 2020.

7. Industry Counseling, R&D, and Marketing

- (1) The Council introduced the Kaohsiung Hakka Cultural and Creative Personnel Training and Keeping Them in Meinong Project, awarding cultural and creative personnel financially to open stores and businesses in Meinong and creating featured shopping districts in old streets.
- (2) The Council printed Kaohsiung Hakka village travel guide "Kaohsiung Hakka Travel Map" (in both Chinese and English) and distributed them in locations such as Kaohsiung MRT stations, Taiwan High Speed Rail/Taiwan

Railways/Kaohsiung International Airport service centers, and the Kaohsiung Products Store (Liantan Flagship Store) in order to draw visitors to Hakka villages.



Travel guide "Kaohsiung Hakka Travel Map"

- (3) On Nov. 9, the Council for Hakka Affairs, the Agriculture Bureau, and the Indigenous Affairs Commission cohosted the 2019 Kaohsiung Native Mountain Tea Creative Market at the Hakka Cultural Park, marketing Kaohsiung's unique native mountain tea as well as exhibiting and selling Hakka village and indigenous gourmet food as well as agricultural products. The event attracted 2,500 visitors.



: The 2019 Kaohsiung Native Mountain Tea Creative Market

- (4) On Dec. 14, the Council invited seven social welfare groups to Meinong to harvest turnips and visit the Meinong Hakka Cultural Museum, marketing Kaohsiung Hakka villages' excellent agricultural products and promoting public welfare. A total of 300 participated in the activity.



The Meinong Turnip Harvesting Event

8. Created a Barrier-free Hakka Language Environment

Hakka language service windows were established in three major public locations

including the Sanmin District Office, servicing 262,853 people in 2019.

9. Marketed Hakka Using Media

- (1) The Council and Kaohsiung Broadcasting Station coproduced a show called “Best Moment,” which was very well-received by Kaohsiung citizens.
- (2) The Council shot a short Hakka language promotional video called “Good Friends,” marketing Hakka and demonstrating its governance results.



The short Hakka language promotional video

XII. Information Development

Promoting the smart city

Actively seek central government funding to subsidize the building of demonstration areas. Develop regional governance through private-public partnership by collaborating with counties/cities in the southern region to expand the project scale.

The “questions from industry and solutions from startups” are implemented to promote industrial upgrading and encourage application development and innovation through startups. A quality environment for website services is

created through collaboration with local school resources to promote smart city development in Kaohsiung.

1. Seek funding to build demonstration areas.

Received a subsidy of NT\$ 9.2 million from the Architecture and Building Research Institute. Smart streetlamps integrating the planning of smart storage and smart traffic image recognition equipment were erected at Zhonghua 5th Road and a common smart cloud platform was developed to integrate local real-time traffic

information through data connection, in order to provide citizens with more convenient and safer transportation services.

2. Promoting Cross-Field Cooperation

Sought subsidies from the Industrial Development Bureau, Ministry of Economic Affairs under the "Popularizing Smart City Applications Program" in collaboration with counties/cities in the southern region. 1 project were approved for subsidization, with the amount of subsidies totaling about NT\$ 100 million. Cross-territorial digital life and innovative services are to be jointly developed through private-public partnership with the local governments putting forward the demands and the MOEA subsidizing private enterprises to meet the needs.

3. Fostering industrial upgrading and innovation

Through "questions from industry", 20 local enterprises were invited to propose 41 AI application requirements with seven city government agencies. Through "supply from startups", 62 startups (solution providers) across Taiwan were invited to provide 102 solutions. Eventually, 6 innovation teams were selected for the Kaohsiung Award.

4. Multiple learning through government-academia collaboration

To build an accessible hacking-free IT environment, we provide a practice field with website and IT services in collaboration with Shu-Te University, National University of Kaohsiung, and Cheng Shiu University. After examining 238 agency websites and theme dedicated websites, 115 students proposed related recommendations for website improvements. In addition, drills on information security attacks were implemented and found a total of 33 Vulnerabilities in 13 external IT service systems of 10 agencies. All found Vulnerabilities were

fixed. Apart from allowing students to accumulate practical experience, this project has enhanced the work competencies and skills of students and enhance the IT system quality of the city government to make win-win achievements.

5. Cashless vending machine trail project

At the Sihwei and Fengshan administrative centers, the city government provided space for four "cashless vending machines" during June-December 2019 for citizens to purchase with e-tickets, credit cards, and mobile phones. This trail project has combined with the sales of charitable products for citizens to experience the convenience of cashless purchases and increased the channels of exposure of the city's charitable products.

Improving the open data policy

Integrate and stream agency data to improve the quality of open data. Display the city administration information via visualization tools. Introduce innovative applications to improve efficiency of public services.

1. Sharing data and resources

Organized training to help the government agencies in improving the quality of open data, and integrate and stream data using the API interface mechanism for innovative and value-added applications by the agencies, businesses, and the public, allowing everyone to share the city's data and resources. Statistics about open data are as follows:

Item/Year	2018	2019
Dataset	1,542 items	2,436 items
API	196 sets	303 sets

2. Visualized delivery outcomes

Through value-added statistical analysis of open data, the city government produced intuitive

visualized, interactive charts and assembled data into the “City Government Dashboard”. Dashboards have been established for 74 topics/issues in eight categories: safety, city administrative affairs, tourism, flood prevention, road flattening, real estate, agriculture and fishery, and public health and environment, for relevant agencies of the city government to make judgement and decision and for the citizens to understand better the governance performance of the city government, in order to realize governance transparency and digital services.

3. Innovative and value-added applications

The city government has established the city government dashboard site in the atrium on the first floor of Sihwei Administrative Center for citizens to operate the “city affairs dashboard” system with interactive gestures. Apart from experiencing the fun interactive technology, the dashboard system allows citizens to understand the performance of different city government policies to make government services “seeable, viewable, and tangible”.

4. Publishing associative open data

Vocabulary of three domains: tourism, agriculture, and disaster prevention is established for consistent diction of event descriptions, for the machine to understand the association of data in respective domains, for the fast circulation of data across systems, and for the establishment of an open data mechanism with data association to improve the quality of open data. A total of 20 entries of four-star data and one entry of five-star data were published.

Optimizing information service

Actively integrate the information service of government agencies. This can reduce the number of travel people have to make to the agencies and ensure easy access to the information.

1. One-stop service

To save traveling to and from various government agencies and offices for making applications or other official dealings, the city government provides enquiry service regarding household registration, land registration, social affairs, and tax-related information without requiring certifying document via the Cross-Agency Public Service Platform. In addition, citizens may enjoy one-stop service of syncing the data with other agencies when making changes to the household registration data at the household registration office by just agreeing to the use of the "Reporting and Delivery Service" platform. Thereby citizens may save traveling to other agencies. Service implementation condition is shown below:

Item	2018	2019
Document-free enquiries	104,952	113,800
Inter-agency delivery	31,581 cases	34,152 cases

2. Establishing integrated services

- (1) The city government updated the “agency information sharing platform system” and the “trans-agency citizen service information platform-report delivery system” to acquire household administration data, land administration data, social administration, and tax administration data through the application programming interface (API) technology. In addition, the related APIs have gone live on the Kaohsiung Smart City platform of use by other agencies through application.
- (2) The city government has upgraded the single-platform authentication mechanism with the one-time password (OTP) and multi-factor authentication (MFA) mechanisms and the mobile device

dedicated authentication mechanism to make single-platform authentication safer and more convenient for city government staff. The city government has also provided an AP for authentication with the citizen digital certificate, Google, and Facebook for non-city-government staff to make city government APs more flexible. In 2019, personal authentication was equipped on 13 city government AP websites.

- (3) The “city government full-text search engine” was upgraded to expand the scope and enhance the efficiency and convenience of search. The upgrade included functions like search content recommendation, tree display of searched results, and keyword automatic suggestion to enhance search efficiency and user convenience. All city government agencies can apply for linkage with this search engine.
- (4) The city government’s worldwide web has been virtualized in response to the city government’s IT policy. In addition, the “city government full-text search engine” was combined to the worldwide web to provide search function and integrate with the city government’s disaster prevention IT platform for real-time publishing across platforms with one-stop logon and for all agencies to review and publish own information. In addition, the air quality index (AQI) information has been integrated to the agency websites to show real-time AQI data.
- (5) The ArcGIS server of each city government department has been integrated to the city government’s GIS private cloud to provide the GIS information required by city government agencies. Apart from introducing 61 GIS services, the cloud connects with 26

external GIS services to achieve resources sharing. In addition, a shared GIS platform has been built for shared use among city government agencies and to provide quality GIS services for citizens.

Improving infrastructure

To enable faster and more comprehensive information service, the information infrastructure was actively expanded, and the initiative was supplemented with the promotion of the virtualization policy, to effectively save on acquisition costs and improve the infrastructure.

1. Expanding infrastructure

A total of 168 UPS capacitors were installed or replaced in Sihwei and Fengshan co-construction data centers. Apart from significantly enhancing the safety and reliability of the power supply system and optimizing the infrastructure of data centers, these UPSes ensure the normal operation of power system and IT equipment.

2. Promotion of equipment virtualization

Software and hardware resources, such as servers, networks, and storage equipment, were integrated via virtualization technology to reduce procurement costs for equipment, lower power consumption and space requirement, so that the goals of efficient resource utilization, energy conservation, and carbon reduction can be achieved. In 2019, 100 virtual hosts in various city government agencies were supported. It is estimated to have saved approximately NT\$ 3.5 million in purchasing costs and about NT\$ 1.3 million in power costs per year.

3. iTaiwan wireless network service

The city government continued with the iTaiwan wireless network construction to provide free wireless networking. The service availability of Kaohsiung City government departments by the end of 2019 is as follow:

Item	Access Point
KCG agencies	309
Central government agencies	511

Improving information security

Regulations and systems relating to information security management (ISM) were established or constructed or amended or upgraded to enhance the overall information security of ICT equipment. ISM drills were arranged for related personnel to improve their response to information security protection.

1. Work items for Cyber Security Management Act

- (1) Management: Core information and communication system inventory and ICT system grading and protection baselining; constant ISMS implementation, and new-version audit and review were completed in 2019 to establish an ISMS, enhance information security protection, raise information security standard, and comply with the Cyber Security Management Act.
- (2) Technology: Three items were implemented—Security detections (website security vulnerability scan), ICT security diagnostics (Cyber malicious activity check), information security protection (antivirus software). In addition, vulnerability scans were performed periodically on 564 servers and 436 websites of city government agencies and loopholes were patched to ensure server and website security, enhance overall information security protection, reduce information security risk, and significantly reduce the expenses on vulnerability scans of city government agencies.
- (3) Awareness and training: Training through course packages was arranged for agencies requiring for information security levels B and C to acquire related certificates, in order to comply with the Cyber Security Management Act. A total of four professional license

classes on ISO 27001 ISMS certification were arranged for a total of 53 staff from 45 agencies to reduce the external training expenses of individual agencies, saving up to NT\$1.9 million on related training courses for the city government.

2. Improving equipment's protection capability

- (1) Monitoring, warning, and reporting services for information security issues are provided round the year. Through exchanges of information security intelligence, the city government allied with the central government to form an information security joint defense system, providing information security threat analysis and prevention, and issuing early warnings, so as to reduce information security risks and shorten recovery time from an information security incident. The number of early warning messages for all agencies is as follows:

Year	The number of information security early warnings
2019	149
2018	82

- (2) A total 1,833 old computers at district offices, household registration offices, and local social administration agencies. APT software with higher security settings was installed on more computers to enhance security protection on computers.

3. Improving information security early warning capability

- (1) Information security reporting and drills were organized. A total of 71 agencies were selected by drawing for drilling from among 214 agencies of the city governments and three district councils for agencies to get familiar with the reporting and response procedures. The achievements in 2019 as follows:

Item	Number of agencies participating in the drill	Number of agencies passing the drill	Number of agencies with excellent performance	Number of agencies failing the drill
First drill	71	62	46	9
Second drill	9	9	0	0

Note: Those who fail the first drill shall have a second drill.

(2) Organized social engineering drills for 227 agencies under the city government to raise the risk awareness of the city government's

employees in using emails. The results of the two drills in 2019 are shown below:

Item	First drill	Second drill
Number of agencies participating in the drill	227	227
Number of agencies passing the drill	197	158
Number of agencies failing the drill	30	69
Total email open rate	4.68%	2.41%
Total click through rate	1.19%	1.93%

4. Organizing Zone Defense for Information Security

(1) Continuous maintenance of regional IS defense to form regional protection by teaming up with neighboring counties and cities (Pingtung County, Taitung County, and Penghu County). Through cross-county IS intelligence cooperation, the traditional point-based county/city protection has been expanded into a joint IS protection network. In 2019, blocking of 63 malicious IPs and domain intelligence deployment were completed, and the information of 31 IS threats was shared.

- (2) The IS monitoring range was expanded to include outlying agencies (Police Department, Fire Bureau, Environmental Protection Bureau, Department of Health, Cultural Affairs Bureau, Transportation Bureau, and Revenue Service Office) under the IS protection of the security operation center (SOC) for more effective control of potential IS threats and enhance IS protection within the city government network.
- (3) network of 45 offsite household registration offices and 10 agencies have been included in the dedicated network to enhance IS protection with onsite IS equipment and thereby reduce network malicious attacks.

CHAPTER 3



Economic Development

- I. Financial Management
- II. Industrial and Commercial Guidance and Assistance
- III. Transportation
- IV. Tourism Affairs
- V. Agricultural and Fishery Development
- VI. Urban Development
- VII. Construction
- VIII. Flood Control

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I. Financial Management

Overview of Annual Revenues and Expenditures

The major source of Kaohsiung City's annual revenues is taxes. The government focuses on the reform of tax administration and the consolidation of tax sources to increase tax revenues. As for the expenditures, a master budget is prepared annually for Kaohsiung City to meet the needs of municipal development according to the order of priorities and the principles of practicality and economy. The City has adopted a mid-range budgeting system to satisfy the needs for municipal development and growth, as well as reinforce the budgeting function. The annual revenues, expenditures and surplus/deficit for 2019 are listed as follows:

1. Annual Revenues

- (1) Tax Revenues: including national taxes allocated to the municipal treasury and the municipal taxes allocated and transferred to the treasury. These revenues represent the major sources of annual income for Kaohsiung City. (Preliminary estimated figures are used)

Year	Amount (in thousands)	% of Final Annual Revenue
2019	77,099,842	59.96%

Source: Finance Bureau, Kaohsiung City Government

- (2) Income from fees and fines: the income from fees includes administrative and usage fees; the income from fines includes fines and compensations. (Preliminary estimated figures are used)

Year	Amount (NT\$'000)	% of Final Annual Revenue
2019	8,495,772	6.61%

Source: Finance Bureau, Kaohsiung City Government

- (3) Revenues of public properties: These are incomes from the interests of properties, sales,

sale of discarded and obsolete materials, and contribution of properties as equity. (Preliminary estimated figures are used)

Year	Amount (NT\$'000)	% of Final Annual Revenue
2019	3,508,535	2.73%

Source: Finance Bureau, Kaohsiung City Government

- (4) Operating surplus and business income: referring to investment income and operating surplus from for-profit and non-profit funds transferred to the treasury. (Preliminary estimated figures are used)

Year	Amount (in thousands)	% of Final Annual Revenue
2019	4,505,368	3.50%

Source: Finance Bureau, Kaohsiung City Government

- (5) Subsidy income: referring to the income from unconditional and conditional grants. (Preliminary estimated figures are used)

Year	Amount (in thousands)	% of Final Annual Revenue
2019	29,809,747	23.18%

Source: Finance Bureau, Kaohsiung City Government

- (6) Revenues of donations and gifts: referring to the income from feedback funds of state-owned enterprises. (Preliminary estimated figures are used)

Year	Amount (in thousands)	% of Final Annual Revenue
2019	1,421,782	1.11%

Source: Finance Bureau, Kaohsiung City Government

- (7) Other incomes: miscellaneous incomes. (Preliminary estimated figures are used)

Year	Amount (in thousands)	% of Final Annual Revenue
2019	3,749,370	2.91%

Source: Finance Bureau, Kaohsiung City Government

2. Expenditure

- (1) Government Administration : Expenditures for Administration, Legislative Expenditure, Expenditures for Civil Affairs, Police Service, Expenditures for Finance.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	22,797,961	17.59

Source : Department of Budget, Accounting & Statistics.

- (2) Education, Science and Culture : The outgoings on the maintenance and support of educational, scientific and cultural business in the city.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	46,145,869	35.60

Source : Department of Budget, Accounting & Statistics.

- (3) Economic Development : This item includes Expenditures for Agriculture, Forestry Fishing and Animal Husbandry, Expenditures for Communication, Expenditures for Other Economic, Expenditures for Industry Service.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	17,364,713	13.40

Source : Department of Budget, Accounting & Statistics.

- (4). Social Welfare : The item includes Social Insurance, Social Relief, Welfare Service, Employment Service, Public Health.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	25,850,775	19.94

Source : Department of Budget, Accounting & Statistics.

- (5) Community Development & Environmental Protection : The item includes Community Development and Environmental Protection.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	7,269,494	5.61

Source : Department of Budget, Accounting & Statistics.

- (6) Retirement and Compassionate Aid Payment.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	6,472,405	4.99

Source : Department of Budget, Accounting & Statistics.

- (7) Liabilities : The outgoings include Interest Payment, Debt Servicing Management Fees.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	1,699,826	1.31

Source : Department of Budget, Accounting & Statistics.

- (8) Grants and Other : Expenditures for Others.

Fiscal Year	Amount (NT.\$1,000)	Amount/Total Expenditure%
2019	2,027,910	1.56

Source : Department of Budget, Accounting & Statistics.

3. Final Accounting of Revenue & Expenditure, Surplus.

Unit : NT.\$1,000

Fiscal Year	The balance due of annual income and expenditure	Bond Issuance and Borrowing	Appropriation from Previous Year's Surplus	Debt Repayment	Surplus
2019	-1,038,538	4,738,393	—	3,699,855	—

Source : Department of Budget, Accounting & Statistics.

Tax Structure and Analysis of Taxation

The City Government's budget in 2019 was NT\$41,035 million. The actual net tax amount

levied was NT\$42,535 million, which translates to a budget achieving rate of 103.7%, marking a growth of 4.92% compared to the actual net tax amount levied in 2018, which was NT\$40,542 million.

In recent years, the City Government has promoted Asia's New Bay Area through rejuvenating the old Kaohsiung Port. Furthermore, the City Government has launched multiple large public infrastructure projects, including the Light Rail Circular Line and the Underground Railway Project. Comprehensive urban planning and urban governance have gradually facilitated the overall development of Kaohsiung City and an improvement in the quality of life of the City's residents, which are the primary factors contributing to a steady growth of the City Government's tax revenue.

Land value tax, land value increment tax, house tax, and vehicle license tax are the four main sources of tax revenue for the City, accounting for 90% of the City's tax revenue. Among these, the land value tax revenue of NT\$12,483 million was the highest, accounting for 29.35% of the total tax revenue and exhibiting a negative growth of 1.25%. The house tax of NT\$10,293 million ranked second, accounting for 24.20% and exhibiting a growth of 2.97%.

For details regarding the tax revenue, please refer to Tables 3-1 and 3-2.

Table 3-1 Overview of Tax Revenues of Kaohsiung City: Net Tax Levied

Unit: NT\$100 million, %

Fiscal Year	Total	Land Value Tax	Land Value Increment Tax	House Tax	Vehicle License Tax	Deed Tax	Stamp Tax	Amusement Tax	Others	Period
2010	306.66	82.34	52.77	78.86	62.63	16.41	8.16	1.97	3.51	2010.1~2010.12
2011	308.89	82.36	56.87	80.16	63.62	15.12	7.71	2.26	0.78	2011.1~2011.12
2012	310.95	80.29	56.31	80.41	65.02	16.31	8.92	2.19	1.51	2012.1~2012.12
2013	343.87	92.82	73.57	81.18	66.11	17.14	9.40	2.17	1.48	2013.1-2013.12
2014	347.12	96.56	68.30	84.90	67.37	17.35	8.85	2.09	1.70	2014.1-2014.12
2015	363.24	94.64	78.36	89.63	69.47	18.28	9.77	2.09	1.01	2015.1-2015.12
2016	414.66	130.72	88.72	95.02	70.79	17.11	8.73	1.98	1.60	2016.1-2016.12
2017	425.40	131.04	93.18	98.17	72.05	17.67	9.60	2.02	1.66	2017.1~2017.12
2018	405.42	126.41	75.24	99.96	72.56	17.67	10.18	1.92	1.49	2018.1~2018.12
2019	425.35	124.83	88.25	102.93	73.24	21.42	11.11	2.19	1.38	2019.1~2019.12
2019 compared with 2018 (%)	4.92	-1.25	17.29	2.97	0.94	21.23	9.2	14.31	-7.51	

Source: Revenue Service Office of Kaohsiung City

Notes:

1. "Others" include exceptional tax, education surtax, community development fees from construction projects and fines.
2. As amounts are shown in New Taiwan Dollars, some totals may not be equal to the sums of individual data. Raw data are used for the calculations.
3. Data of the year 2010 are jointly collected and provided by Local Tax Bureau of Kaohsiung County and Revenue Service Office of Kaohsiung City before the merger.

Table 3-2 Overview of Tax Revenues of Kaohsiung City: Percentage Distribution

Unit: %

Fiscal Year	Total	Land Value Tax	Land Value Increment Tax	House Tax	Vehicle License Tax	Deed Tax	Stamp Tax	Amusement Tax	Others	Period
2010	100.00	26.85	17.21	25.72	20.42	5.35	2.66	0.64	1.15	2010.1~2010.12
2011	100.00	26.66	18.41	25.95	20.60	4.90	2.50	0.73	0.25	2011.1~2011.12
2012	100.00	25.82	18.11	25.86	20.91	5.25	2.87	0.71	0.49	2012.1~2012.12
2013	100.00	26.99	21.39	23.61	19.22	4.98	2.73	0.63	0.43	2013.1~2013.12
2014	100.00	27.82	19.68	24.46	19.41	5.00	2.55	0.60	0.49	2014.1~2014.12
2015	100.00	26.05	21.57	24.68	19.12	5.03	2.69	0.58	0.28	2015.1~2015.12
2016	100.00	31.52	21.40	22.92	17.07	4.13	2.10	0.48	0.39	2016.1~2016.12
2017	100.00	30.80	21.90	23.08	16.94	4.15	2.26	0.47	0.39	2017.1~2017.12
2018	100.00	30.82	18.34	24.37	17.69	4.31	2.48	0.47	0.36	2018.1~2018.12
2019	100.00	29.35	20.75	24.20	17.22	5.04	2.61	0.52	0.32	2019.1~2019.12
2019 compared with 2018 (%)	--	-1.83	2.19	-0.46	-0.68	0.68	0.10	0.04	-0.04	

Source: Revenue Service Office of Kaohsiung City

Notes: 1. "Others" include exceptional tax, education surtax, community development fees from construction projects and fines.

2. Data of the year 2010 are jointly collected and provided by Local Tax Bureau of Kaohsiung County and Revenue Service Office of Kaohsiung City before the merger.

Management and Disposition of City-owned Properties

1. Management of Property Cadastral Data

- (1) The City Government's agencies and schools in charge of the management of city-owned properties shall compile a report semi-annually and send it to the Finance Bureau of the City Government for review and approval.
- (2) To increase the attention of agencies and schools to and their efficiency in public property management, 43 units were randomly selected to conduct the on-site inspection of 2019. Thirty agencies and schools in the area were invited to take part in and observe the process. All of the agencies and schools involved were informed of the inspection results as an important reference to property management to ensure management

efficiency. In addition, awards were given to property-management personnel for their outstanding performance, in accordance with the "Guidelines on Public Property Management and Inspection and Reward and Discipline of Kaohsiung City Government."

- (3) A total of 561 agencies and schools in the City have fully adopted the Kaohsiung City Property Management Information System for conducting property management operations. Users were trained to operate the system, and courses on property law were held. Approximately 1,140 people were trained in 2019, thereby enhancing property management efficiency and reinforcing the City's property management efforts.

2. Disposition of Public Property

- (1) To facilitate the reuse of resources and increase city treasury revenues, an online

platform is used to auction off obsolete personal property. The total auction amount was approximately NT\$14,622 thousand as of December 31, 2019.

- (2) The City Government continues to encourage various agencies to execute the Project for Cleanup and Utilization of Kaohsiung City's Idle and Low-Utilization Land, to avoid idleness and wastage, and actively promote transformation and revitalization, improve the efficiency of property utilization and accelerate city constructions through stocktaking, integration and allocation mechanisms.

3. Management of Non-public Property

In view of the rapid change of the macro-environment and the merger of Kaohsiung City and County, the Government's role and functions have gradually shifted from being management-oriented to service-oriented. Under the pressure of containing the government budget deficits and lowering administrative costs, government services should be driven by an entrepreneurial spirit, human resources should be effectively used and private resources should be introduced to participate in public infrastructures and services. These are the key elements of Government reforms and also important measures adopted by the Government in recent years for its administrative reform. At present, the management of non-public property is under the following three directions:

- (1) Proactively promoting the outsourcing of management of city-owned property

The Finance Bureau of the City Government is in charge of the management of city-owned non-public property. The Bureau is the very first agency among all levels of governments that started billing unlawful occupants for the land use compensation in 1991. However, the Bureau lacks sufficient human resources and does not have the personnel to handle litigation issues. Also, the collection of overdue rents and the compensation for

appropriated land are considered private issues in legal terms and must be dealt with through judicial procedures. Consequently, the Government fails to collect overdue rents and compensation efficiently. To protect the rights of city-owned property, it outsourced the collection task to specialists.

- A. The City Government has carried out outsourced rent and compensation collection since 2002. The Government recovered NT\$42 million in the first term (2002-2004), NT\$41.81 million in the second term (2005-2006), NT\$38.9 million in the third term (2007-2009), NT\$22 million in the fourth term (2010-2011), NT\$13.2 million in the fifth term (2012), NT\$14.96 million in the sixth term (2013), NT\$9.2 million in the seventh term (2014), NT\$12.32 million in the eighth term (2015), NT\$10.57 million in the ninth term (2016), and NT\$9.8 million in the tenth term (2017), and NT\$17.97 million in the eleventh term (2018), and NT\$16.91 million in the twelfth term (2019).

- B. The project of outsourced rent and compensation collection is of great significance in the management of city-owned property. It not only increases the government revenue but also asserts the rights over city-owned property and supports social justice. With the declaration of the government's policy to debtors, it is hoped that the unpaid users will stop taking chances and rent city-owned properties according to legal procedures for a better management of non-public city-owned property.

- (2) Outsourcing the inspection and survey of city-owned non-public lands in the former Kaohsiung County, Townships and Cities

To reinforce the management of non-public lands, the inspection and survey of city-owned non-public lands have been outsourced. 1,557 lots of city-owned land

with a total area of about 81 hectares were inspected in 2011, 675 lots of city-owned land with a total area of about 23 hectares were inspected in 2012, 414 lots of city-owned land with a total area of about 12 hectares were inspected in 2013, and 55 lots of city-owned land with a total area of about 4 hectares were inspected in 2014; a total of 2,701 lots of city-owned land with a total area of about 120 hectares were inspected. The compensation collection for Gangshan and Lujhu Districts was completed in late 2013, with 894 households included in the management scheme. In late 2014, information sessions on compensation collection were given in Daliao, Dashe, Dashu, Meinong, and Liouguei Districts, and 1,154 households were included in the management scheme. The compensation collection for Niaosong, Linyuan, Renwu, Cieding, Tianliao and Cishan Districts was

completed by the end of 2015, with 1,799 households included in the management scheme. In late 2016, compensation collection was completed in Yong'an, Yanchao, Mituo, Hunei, Alian, Ciaotou, and Zihguan Districts, and 740 households were included in the management scheme. In late 2018, the compensation collection for Jiaxian District, Shanlin District and Neimen District was completed, with 66 households included in the management scheme. The compensation collection for Fengshan District commenced on July 1, 2019, with 246 households included in the management scheme. In addition, the Government will actively provide guidance to occupants of city-owned land who meet the rental criteria to lease the property in the hope of introducing legal lease management. For the lessees, the Government will help them to purchase the city-owned land in order to lower the management costs.

4. Sale of City-owned Non-public Lands

Table 3-3 Details of Sale of City-owned Non-public Lands of Kaohsiung City

Year	No. of Lots	Area (M ²)	Amount (NT\$)
2007	116	7,384	391,451,496
2008	72	3,177	53,086,137
2009	53	2,597	120,120,807
2010	105	39,452	1,925,195,016
2011	68	25,513	1,144,872,882
2012	153	7,927	596,175,594
2013	171	137,408	3,827,799,951
2014	146	38,857	4,070,613,848
2015	169	18,658	2,967,437,356
2016	387	31,405	1,643,636,434
2017	1,212	46,585	3,138,209,021
2018	936	53,744	3,101,323,030
2019	655	30,048	1,113,491,941

Source: Finance Bureau, Kaohsiung City Government

Note: The data from 2010 onwards includes those in the former Kaohsiung County area

5. Development of City-owned Non-public Property

The Finance Bureau of Kaohsiung City Government handles private participation promotion projects and provides assistance to agencies for relevant cases. It helps cut down government spending, generate fiscal revenue through the introduction of private funds, and facilitate requests for private participation incentives.

(1) Private participation promotion projects with contracts

There are 21 private participation promotion projects with signed contracts. They have attracted a private investment fund of NT\$52,872 million, with royalty and rent revenues amounting to NT\$12,325 million for the contract durations. A private participation promotion reward of NT\$251 million was received from the Ministry of Finance. The project with contract signed in 2019 was the “OT project of Fengshan Sports Park” by the Sports Development Bureau.

(2) Private participation promotion projects in process

There are 11 private participation promotion projects in process. They are expected to attract a private investment fund of NT\$9,634 million, and royalty and rent revenues are expected to be about NT\$7,061 million. Of the 4 projects publicly announced to be in process in 2019, the contract of “BOT project of Aozidi No. 5 Parking Space” is under negotiation.

(3) Development projects with contracts in place

There are 17 development projects with signed contracts. They are expected to attract a private investment fund of NT\$75,713 million, and royalty and rent revenues are expected to be NT\$14,750 million. A private participation promotion reward of NT\$105 million was received from the Ministry of Finance. The 4

projects with contracts signed in 2019 included the “Urban Renewal of Area Surrounding the Fengshan Junior High School MRT Station”, “Revitalization of the Former Residence of the County Magistrate”, and “Development of Commercial District with Superficies Opposite to the Hanshin Department Store on ChengGong Road in Kaohsiung City” of the Finance Bureau, and the “Development of Fuguo Parking Lot” of the Mass Rapid Transit Bureau, Kaohsiung City Government.

(4) Development projects in process

There are 14 development projects in process. They are expected to attract a private investment fund of NT\$67,221 million, and royalty and rent revenues are expected to amount to NT\$30,117 million. The 4 projects publicly announced in the second half of 2019 were the “Project of Superficies for the 4 Lots of Land at Parcel No. 659 at Darong Section” of the Bureau of Cultural Affairs, “Urban Renewal of Type 3 Designated Area for Economic and Trading at Kaohsiung Multi-functional Commerce Park” of the Urban Development Bureau, “Development of Government-owned Land with Superficies at the Former Main Public Library of Qianjin District” of the Finance Bureau, and “Project of Superficies for Parcel No. 119-47 at Xingbang Section, Qianzhen District, Dream Mall Shopping District” of the Mass Rapid Transit Bureau, Kaohsiung City Government.

(5) Assistance to agencies in obtaining subsidies for the preliminary work of private participation promotion projects

Up till now, the Ministry of Finance has approved subsidies of NT\$32.23 million for the preliminary work of private participation promotion for 18 projects. The Finance Bureau of Kaohsiung City Government will continue to assist every agency in handling private participation promotion projects and obtaining subsidies for relevant preliminary work.

Financial Overview and Management

1. Management of Community Financial Institutions

To promote a sound financial operation at the base level, reinforce internal management, effectively eliminate malpractices and actively guide the municipal financial institutions to align with the national fiscal policies, the legal authority system has been thoroughly implemented, assistance has been continuously provided for sound operation of credit departments, and stable development of agricultural finance has been achieved.

(1) Management of the Credit Department of Farmers' Associations

There are twenty-six credit departments of Farmers' Associations in the City. The credit departments of Farmers' Associations engage in deposit-taking business for members and non-members, expanding savings, absorbing loose funds in the agricultural villages, assisting members in expanding the accommodation of funds for production and developing the rural economy. By the end of December 2019, the balance of deposits was over NT\$158,318,340 thousand, the outstanding loans were over NT\$90,538,970 thousand and a surplus of over NT\$321,180 thousand was recorded.

(2) Management of the Credit Departments of Fishermen's Associations

There are seven credit departments of Fishermen's Associations in the coastal area of the City. They engage in financial business and absorbing loose funds in the fishing villages to accommodate the fishermen's demands for funds. By the end of December 2019, the balance of deposits totaled over NT\$8,431,540 thousand, the outstanding loans were over NT\$4,399,800 thousand and a surplus of over NT\$26,630 thousand was recorded.

Out of the 307 Farmers' Associations and Fishermen's Associations that had signed up

for the 13th Golden Agricultural Award held by the Council of Agriculture, Executive Yuan in 2019, five counseled by the City Government received six awards in total, including the Distinctions award.

(3) Management of Credit Cooperatives

The Kaohsiung Third Credit Cooperative and its 21 branches had a deposit balance of over NT\$62,148,670 thousand, outstanding loans of over NT\$50,375,940 thousand and a surplus before tax of over NT\$281,220 thousand by the end of December 2019.

2. Strengthen Control over Community Financial Institutions and Reinforce Supervisory Role of Local Competent Authorities

(1) In order to implement the "Financial Supervision and Improvement Program", inspections on the liquid assets owned by credit cooperatives and credit departments of Farmers' and Fishermen's Associations in the City were conducted. The City Government carried out inspections without prior notification and randomly selected 50% of the head offices and over 20% of the branches to review their liquid assets, including cash deposits, marketable securities and bills of collection and negotiation. As of December 31, 2019, the liquid assets of a total of 40 financial institutions, including head offices and branches of credit cooperatives as well as Farmers' and Fishermen's Associations, were inspected and no major violations were found.

(2) The Bureau cooperated with the central competent authority to provide special guidance for community financial institutions that had excessively high non-performing loans ratios or failed to maintain a capital adequacy ratio of 8% or more as required, directing them to offset bad debts, lower the non-performing loans ratios, and strengthen their financial structure. Moreover, the Bureau helped such Farmers' and Fishermen's Associations

propose improvement plans that will increase the net value as well as reduce their risk-weighted assets by a given deadline in order to comply with the regulations.

3. Management of Government-owned Shares of the Bank of Kaohsiung

As of December 2019, the City Government held 43.13% of the Bank's shares. For a better management of the Government-owned shares, the "Guidelines on the Management of Kaohsiung City Government's Investment in Government-owned Shares of the Bank of Kaohsiung" have been instituted. The Bank's major issues would be reported to the Government by its government shareholding representatives along with their opinions. The Government would therefore be well informed of any actions taken by the Bank.

4. Supervise the Business of Collateral Office

The Office is established to provide emergent low-interest financing services to residents. In addition to offering low-interest short-term funds to fulfill the residents' emergent needs, the Office also makes good use of its limited human resources to provide services with friendly attitudes and a pleasantly bright office environment in contrast to the traditional pawnshops. The Office aims to produce an outstanding performance in terms of turnover, relieve interest burdens on borrowers and benefit economically disadvantaged residents.

Management of Tobacco and Alcohol

1. The annual budgeted income from the tobacco and alcohol tax for 2019 was NT\$976,156,000, and the City Government received NT\$ 870,315,841, representing a budget fulfillment rate of 89.16%.
2. The performance in working with the Ministry of Finance's 2019 Seizure of Illegal Tobacco and Alcohol Projects

- (1) For the pre-Chinese New Year nationwide seizure operation held in collaboration with the Ministry of Finance, the City ranked third in the nation for its performance in seizing illegal tobacco products and first in the nation for its performance in seizing illegal alcohol products.
 - (2) For the first non-regular nationwide seizure operation held in collaboration with the Ministry of Finance, the City ranked first in the nation for its performance in seizing illegal tobacco products and first in the nation for its performance in seizing illegal alcohol products.
 - (3) For the pre-Dragon Boat Festival nationwide seizure operation held in collaboration with the Ministry of Finance, the City ranked third in the nation for its performance in seizing illegal tobacco products and first in the nation for its performance in seizing illegal alcohol products.
 - (4) For the pre-Mid-Autumn Festival nationwide seizure operation held in collaboration with the Ministry of Finance, the City ranked third in the nation for its performance in seizing illegal tobacco products and second in the nation for its performance in seizing illegal alcohol products.
3. In 2019, there were 694 cases of suspected violation of the Tobacco and Alcohol Administration Act. A total of 11,545,507 packs of illegal tobacco, with a market value of around NT\$762,121,843; and 269,861 liters of unlawful alcohol products, with a market value of around NT\$66,022,660, were seized.
 4. In 2019, unlawful tobacco and alcohol confiscated or forfeited (including unlawful alcohol and tobacco from previous years) upon rulings were disposed of on 8 occasions. A total of 3,329,566 packs of illegal tobacco and 68,601 liters of illegal alcohol were disposed of.
 5. Promotion of tobacco- and alcohol-related laws

and regulations in 2019 was conducted in both dynamic and static ways:

- (1) Dynamic activities: there were public legal promotions (22 sessions) and business legal promotions (178 sessions). A total of 200 promotion sessions was held with about 30,000 participants.
- (1) Static publicity: to produce promotional materials and short films for tobacco and

alcohol-related laws and regulations and publish relevant information via radio stations, cable TV, outdoor electronic signs, print media, garbage trucks, public transport (MRT) passes, LED signs, broadcasting media, or at agencies visited by residents for official business, administrative and police departments, etc., to maximize the promotion effect.

II. Industrial and Commercial Guidance and Assistance

Industrial Structure

Kaohsiung is a major commercial and industrial harbor city in Taiwan and has a wealth of human resources as well as large-scale factories such as China Steel Corp. (CSC); CSBC Corp., Taiwan; China Petrochemical Development Corporation (CPDC) and so on. In 2019, 7,632 factories were legally registered with the Kaohsiung City Government, including industries such as steel, chemical, mechanical, metal, food, transportation, electronics, and telecommunications. The heavy-chemical industry of a capital and technology intensive nature still takes up a substantial portion of the City's industrial structure.

Commercial and Industrial Service and Assistance

1. Commerce and industry registration

Unit: Number

Year	Registered Factories	Registered Businesses	Registered Companies
2017	7,510	118,319	86,144
2018	7,540	120,241	86,610
2019	7,632	122,163	81,752

2. Industrial service and assistance

- (1) Strengthening assistance to and supervision of

unregistered factories

- A. To assist unregistered factories to operate legally, the Bureau counseled businesses to apply for temporary factory registration. The application period expired on June 2, 2015, and a total of 1,578 factories submitted applications (starting from June 2, 2010). As of December 31, 2019, 1,035 businesses were approved under counseling.
- B. To get hold of the actual situation of unregistered factories and carry out investigation and counseling work, the Bureau conducted 852 inspections, and found out that 23 cases had suspended business, 660 were not factories, 8 were registered under counseling, 161 were put under supervision, and 162 were penalized (with the total fine amounting to NT\$7 million, and NT\$4,165,600 has been paid).

- (2) Assisting private enterprises to initiate industrial zoning applications, adjoining non-urban land use change applications, and new business plans

- A. Privately-initiated industrial zoning applications

As of December 2019, ten cases have been approved for setting up premises in industrial parks, including Tension Steel Industries Co. Ltd., Extend Forming

Industrial Corp., Sun Beam Tech Industrial Co. Ltd., Chen Yi Paper Container Co. Ltd., Nan Liu Enterprise Co., Ltd, Chen Nan Iron Wire Co. Ltd., Yu Yang Aerospace Technology, Cheng Loong Corp., Prosperity Tieh Enterprise Co. Ltd. Luzhu Plant, and Walrus Pump Co. Ltd.; two cases are under review, including Topmaker Fasteners Industrial Co. Ltd. and De Xing Medical Treatment and Instrument Co. Ltd.; and there is one new application for land survey and selection, the Ju Guang Plastics R&D project. It is expected that 129.44 hectares of land will be available for industrial use, generating an annual output of about NT\$62.8 billion and 3,310 jobs.

B. Adjoining non-urban land use change

As of December 2019, 32 cases have been approved for the expansion into adjoining land, including Wei Chuan Corp., Chen Nan Iron Wire Co. Ltd., Voyage Wide Industrial Co. Ltd., Non Sheng Co. Ltd., Arochem Corporation, Lien Kuo Metal Industrial Co. Ltd., E&R Engineering Corp., Tai-Yih Sun Industrial Co. Ltd., ZI EA Factory Co. Ltd., Ruizhan Co. Ltd., Biing Feng Enterprise Co. Ltd., Zhuofeng Co. Ltd., Nanfa Woodenware Co. Ltd., Yizhang Co. Ltd., Shin Jann Works Co. Ltd., Long Day Sky Enterprise Co. Ltd., Jiyong Screw Co. Ltd., Gwo Merg Co. Ltd., Kao Wan Hardware Industrial Co. Ltd., Biing Feng (2nd expansion), Lu Chu Shin Yee Works Co. Ltd., Vinda Taiwan Ltd., Long Day Sky Enterprise Co. Ltd. (2nd expansion), Lung Hsing Industries Co. Ltd., YongSinYi Co. Ltd., E&R Engineering Corp. (2nd expansion), Sun John Corp., Gwo Merg Co. Ltd. Ziguan Plant (2nd expansion), De Xing Stone Co., Wa Tai Industrial Co. Ltd., Sheh Fung Screws Co. Ltd., and Hai Hwa Steel Works & Co. Ltd.; another four cases are under review, which are Jiyong Screw Co. Ltd.

(2nd expansion), MingTeh Food Industry Co. Ltd., Thread Industrial Co. Ltd. and Zongmei Industrial Co. Ltd. It is expected that 32.31 hectares of land will be available for industrial use, generating an annual output of NT\$37.939 billion and 3,558 jobs.

- C. New business plans (arable and pastoral land in industrial area changed to Type D construction land; land in regular agricultural area or hillside pottery industry land changed to Type D construction land; arable and pastoral land in regular agricultural area changed to mining industry land)

As of December 2019, 23 cases have been approved including Cingying Co. Ltd., Dur Chyi Industries Co. Ltd., Tsen Yeou Springs Co. Ltd., Changg Chin Industry Corp, Shengyao Co. Ltd., Well-Lin Enterprise Co. Ltd., Wei I Industry Co. Ltd., Yih Long Industry Co. Ltd., Jia Yang, Taiwan Steel Strapping Co. Ltd., Wei Jyun, PATTA International Limited., Well-Spring Enterprise Corp., Shiny Chemical Industrial Co. Ltd., Fang Cheng, Hung Sheng, Syong Shun Metal Co. Ltd., Air Liquide, Wei Meng International Co. Ltd., Shihan Cement Co. Ltd. Meinong Plant (2nd change), Standard Steel Ltd., Ju Hong Enterprise (2nd change) and Li Long Co. Ltd.; another two cases are under review, which are Pro Power Co. Ltd. and Hsieh Ho Rope Co. Ltd. It is expected that 13.30 hectares of land will be available for industrial use, generating an annual output of NT\$9.022 billion and 518 jobs.

(3) Industrial park zoning application

A. Ho Fa Industrial Park

The establishment of the Ho Fa Industrial Park was approved in 2014, and it is expected to develop 136.12 hectares of land. For the development, a joint venture formed by Chinatrust Life Insurance Co.

Ltd. (changed to Taiwan Life Insurance Co. Ltd. in 2017) and New Asia Construction and Development Corp. has been established and designated as the developer. The contract was signed in September 2015; ground-breaking was conducted in December. At present, major works such as land preparation, road engineering, and service centers have been completed and are under acceptance inspection. In response to the needs of the stationed manufacturers, the second phase of the sewage plant and other expansion projects are in progress. The handover of projects in the park is scheduled to be completed in August 2020. In terms of investment promotion, as of the end of December 2019, 67 companies had applied for land purchase and 21 applied for lease. It is estimated to bring in 9,994 employees, increasing annual turnover of NT\$94.558 billion, and investment of NT\$52.956 billion. The primary saleable land for industry use (1) in Ho Fa Industrial Park the sell rate of primary industry leaseable blocks as 100%; the rental rate of the primary industry leaseable blocks over 80%. It will also stimulate consumer demand and attract related businesses to move in, contributing to local economic growth and tax revenue.

B. Renwu Industrial Park

Based on the provisions of the Statute for Industrial Innovation, the zoning application of “Renwu Industrial Park” is planned to be located at the Renwu Farm of the Taiwan Sugar Corporation by the Renwu Interchange on National Highway No. 10., covering an area of 74 hectares. The plan passed the environmental impact assessment (EIA) review on July 17, 2019, and the zoning proposal was approved by the MOEA on October 31 of the same year. An investment promotion briefing was

held on November 18, attracting hundreds of vendors to attend and exchange opinions, with nearly 80% expressing their willingness to move in. 48 hectares of industrial land is planned to be released in the future, creating 6,300 jobs and increasing regional output value by NT\$24.2 billion, which could drive industrial transformation and reconstruction.

C. Benjhou Industrial Park in Gangshan District

The industrial park covers 208 hectares and is divided into general industrial zone, environmental science and technology park, logistics park, and relevant industrial zone. At present, its land sales rate has reached 97.3%, with 190 stationed businesses. The total investment is approximately NT\$58.706 billion, number of employees are 9,005, and annual turnover approximately NT\$80.047 billion.

- a. General industrial zone: conventional industries, mainly metal processing.
- b. Environmental science and technology park: mainly industries that improve environmental protection technologies and processes.
- c. Logistics park: mainly warehousing and logistics.
- d. Relevant industrial zone: mainly industries related to local amenities.

The industrial park is equipped with comprehensive public facilities, such as: service center, sewage treatment plant, parks, roads, parking lots, electricity, waterpower, sewer, telecommunication, green belt for separation, scenic flood detention pond, etc.

3. Commercial service and assistance

- (1) E-registration of Commerce and Industry: Speeding up the improvement of public service quality, E-registration of Commerce and Industry was actively implemented to

systemize and standardize the commerce and industry administrative registration and management in Taiwan, facilitating a nationwide consistent database and establishing a web-connected operation approach to aim for single-window service.

- (2) Electronic game arcades (amusement arcades), particular industries (karaoke, pubs, bars, ballrooms, discotheques, saunas, particular kind of coffee/tea shops, etc.), night clubs, and computer recreational activity businesses are recorded and put under supervision, including places reported by the public, places found out by the police to be involved with sexual offenses, or those brought to justice by the Urban Development Bureau for violating the Urban Planning Act.
- (3) In accordance with the “Self-government Regulations on Electronic Game Arcades (Amusement Arcades) in Kaohsiung City” and “Self-government Regulations on Particular Industries in Kaohsiung City,” the administration and management of electronic game arcades and particular industries are reinforced, and pursuant to “Self-government Regulations on Compulsory Public Liability Insurance for Business Premises in Kaohsiung City,” companies subject to the said regulations are obliged to obtain public liability insurance to their business premises.

4. Promotion plan for shopping districts

- (1) Organizing marketing events in accordance with characteristics of shopping streets and districts to increase their prominence

Shopping streets and districts were encouraged to organize and put forward proposals themselves to strengthen the effectiveness of event implementation through more diversified marketing methods. In conjunction with local specialty stores, the City organized events that are in line with local culture and industrial characteristics. In 2019, coordinating with the “Kaohsiung

Good Year” celebrations, eleven marketing events were held in Sanfeng Central Street, Nanhua Tourist Night Market, Liuhe International Tourist Night Market, Jiaxian Shopping District, Xinkujiang Shopping District, Guanghua Night Market, Zhongxiao Night Market, Houyi Shopping District, Yancheng-Kujiang Shopping District, and the Furniture Street on Qingnian Road. Other special feature activities organized by shopping districts include: the “Zongzi Wrapping” event hosted on Sanfeng Central Street on Dragon Boat Festival, the Snoopy pop-up series activities held in Xinkujiang and Central Park Shopping Districts during summer vacation, and the “Yi-Qi Pop-up” event in Houyi Shopping District.

- (2) Shopping district transformation

In coordination with the railway underground project, the “2019 Kaohsiung Railway Station and Formosa Boulevard Shopping District Construction Project” designated the area as a demonstration site, introducing relevant software and hardware installations and counselling resources, upending people’s existing impression about the surrounding area of Kaohsiung Railway Station and the shopping district along Zhongshan Road. It brought the crowd into the shopping district, creating economic benefits and achieving the goals of invigorating Formosa Boulevard and integrating the commercial functions around the station.

- (3) Industry-academia collaboration

Matching shopping districts with industrial experts and scholars, the “2019 Introducing Academia Into Shopping Districts or Markets in Kaohsiung” program injected innovative energy from the industry and academia to shopping districts, providing services in professional consultation and strategic proposals, working with shopping districts to pursue more resources, and enhancing their

software and hardware capacity and the momentum of sustainable operation. Nine shopping districts and six public markets have been matched with the academia. A benchmark is the cooperation between Liuhe Night Market and the Fortune Institute of Technology to create a friendly dining environment for Muslim travelers and develop business opportunities for the Islamic market, with the goal of becoming a “Muslim-friendly model tourist night market.” So far, ten vendors have been coached and obtained the halal certificate.

(4) Promoting smart shopping districts through industrial matching

Assistance was provided to shopping districts to introduce innovative applications such as digital contents and the AR/VR immersive technology program, marketing the features of shopping districts to attract the crowd and business opportunities. A benchmark is the successful application of Xinkujiang Shopping District for the EDB subsidy (on promoting immersive technology applications). An AR interactive mission was created to enable guided shopping, which was downloaded more than 100 times, with more than 600 game interactions, effectively promoting the economic vitality of the shopping district.

(5) Promoting the love industry chain

The EDB investigated its internal policy tools, developed master plans, formed cross-division task forces and laid out phased goals, horizontally integrating resources of all divisions to achieve comprehensive results. In 2019, it inventoried all affiliated divisions and came up with a total of 55 projects and a promotion budget over NT\$40 million, launching the “Welcome to Kaohsiung” website and Facebook fan page, which systematically promote official and industrial resources and activities related to the love industry in Kaohsiung via Story of the City,

Love Trilogy, latest news, and theme events. With businesses related to the love industry chain (such as wedding dresses, wedding cakes, etc.) as its base for resource integration, the EDB’s phased goals were to invigorate related industries, cultivate industrial talents, and combine tourism to feature Kaohsiung as a city of love. Wedding photographers, wedding cake makers, advertising industry and design departments of Kaohsiung’s colleges and universities were brought together continuously to team up for events such as wedding photography competitions, wedding cake design competitions, etc., to drive the development of the wedding photography industry and cultivate love industry design talents.

(6) Chasing the Light Season in Kaohsiung

From December 6, 2019 to January 5, 2020, the “2019 LOVE Kaohsiung -- Chasing the Light Season” was launched in Central Park. The main lighting feature combined love themes with environmental protection concepts to create the largest, tallest and most eco-friendly lighting Christmas tree in Taiwan. A total of 30 light shows were put on in eight main lighting areas every day; the longest 1400-meter Christmas Avenue in Taiwan created a must-visit spot for tourists and couples for the Christmas and New Year countdown. The event attracted over a million visitors, boosting a turnover growth of more than 30% for the surrounding shopping districts.



The “Anooki X Christmas Tree of Light” in 2019 LOVE Kaohsiung -- Chasing the Light Season

5. Developing the MICE industry to establish MICE city branding

- (1) The “MICE Promotion Office of Kaohsiung City Government” continued its operations, setting up a MICE consulting hotline to provide professional assistance and consultation, vigorously promoting MICE in Kaohsiung, forging an image of Kaohsiung as the MICE city, to attract more mega events to be held in Kaohsiung. The number of international conferences and exhibitions in 2019 exceeded the number of 150 in 2018 (95 international conferences and 55 exhibitions), reaching 175 (114 international conferences and 61 exhibitions). In 2020, client tracking and contacting will be continued and potential cases will be developed, hoping to attract more international MICE events to be held in Kaohsiung.
- (2) From September 24 to 26, 2019, the EDB visited Bangkok, Thailand to attend the 2019 IT & CMA (Incentive Travel & Conventions, Meetings Asia). Together with Kaohsiung’s local businesses including the Kaohsiung Exhibition Center, Brogent Technologies Inc., Grand Hi-Lai Hotel, Howard Plaza Hotel Kaohsiung, Welcome Travel Service Co. Ltd., and the central government agencies (MEET TAIWAN, Tourism Bureau of the Ministry of Transportation and Communications), it organized the Taiwan Pavilion to introduce and promote the City’s MICE infrastructure to international buyers, negotiating with over 200 buyers to attract MICE activities to Kaohsiung. Kaohsiung’s MICE environment left a deep impression on the South East Asia Iron and Steel Institute and the International Financial Cryptography Association, and they are considering to organize their annual conferences in Kaohsiung.
- (3) On November 20, 2019, the EDB held the “Kaohsiung MICE Forum and Annual Meeting” for the first time in conjunction with a business matching camp, arranging

buyers to negotiate face-to-face with Kaohsiung’s business owners. For buyers who are interested in hosting MICE events in Kaohsiung, including associations, societies, schools, and travel agencies, the “2019 Kaohsiung MICE Experience Tour” was arranged from November 21 to 22, so that they could experience the software and hardware power of Kaohsiung MICE infrastructure right after the business matching camp. This effectively increased buyers’ willingness to host MICE events in Kaohsiung, and successfully won the hosting of two international conferences, including the “2023 Global Chinese Real Estate Congress (GCREC),” and the “2020 General Assembly and Symposium” co-organized by the “Infection Control Society of Taiwan” and the “Infectious Diseases Society of Taiwan.”

- (4) The “Regulations on Implementation of Incentives for MICE Activities in Kaohsiung City” was formulated in the hope of increasing incentives to attract more large-scale international conferences and exhibitions to be held in Kaohsiung, enhancing its international exposure. In 2019, 36 cases were approved for incentives, awarding a total of NT\$4.86 million.
- (5) Establishing the Kaohsiung MICE international brand

The Global Harbor Cities Forum (GHCF) was held in Kaohsiung two times consecutively. In 2018, a total of 65 domestic and foreign cities from 25 countries and four continents were invited; nearly 120 international elites gathered in Kaohsiung, attracting 5,500 attendees. Other harbor cities such as Hong Kong and Hawaii have expressed their willingness to take over to host, showing that the GHCF has established its branding as an internationally renowned MICE. To continue and deepen the exchanges and cooperation among harbor cities around the world, Kaohsiung will host the 3rd GHCF, inviting

harbor city leaders from home and abroad to gather together, and adopting From Vision to Action as the main theme of the Forum. At the same time, it will approach and invite other harbor cities to host the 2022 GHCF, establishing an international MICE brand and becoming the only municipality in Taiwan to create a harbor city forum.

(6) Hosting the ICCA 2020 Congress

The International Congress and Convention Association (ICCA) is a leading international conference organization with approximately 1,100 members in more than 100 countries. Hosting the ICCA Congress is the goal of every MICE city in the world. With over three years of hard work, in 2017, Kaohsiung successfully obtained the rights to host the ICCA Congress. The planning of the “ICCA 2020 Congress” integrated industries characteristic of Taiwan including cultural arts, medicine, science and technologies, agriculture and marine, with Kaohsiung’s three major elements -- diversity, openness and youthful vitality, to create an international conference with contents of world-class standards, showcasing Taiwan’s soft power. This will be the first time in 28 years, since Taipei hosted in 1992, that the ICCA Congress returns to Taiwan; it is not only a congress in Kaohsiung but also a “Taiwan Congress.”

Utilities

1. Supervise and improve utility services

(1) Continuing the replacement of old and worn water pipelines in Kaohsiung City

To enhance the pipeline’s function of supplying water, the Taiwan Water Corporation was urged and supervised to continue replacing old and leaking pipelines. In 2019, about 44km (44,044m) of old and leaking pipelines were replaced in the City, costing NT\$524,456,578.

(2) Water pipeline extension project

A. Water pipeline extension project: The City assisted residents within its jurisdiction who do not have a water supply to apply for water services from the Taiwan Water Corporation. In 2019, 25 water pipeline extension projects were approved to be funded by government budget (allocated by the Water Resources Agency, MOEA to the Taiwan Water Corporation), with an amount of NT\$140,616,000. In total, 592 households were subsidized.

B. Subsidy project for exterior lines of water consumption households: The Water Resources Agency, MOEA provides subsidies in accordance with the “Water Supply Act” and the “Subsidy Regulations on Exterior Lines of Water Supply Users,” with the aim of improving the water quality for residents in areas without access to potable water as well as increasing the water supply coverage in the City. In 2019, a subsidy of NT\$20 million was approved by the Water Resources Agency, MOEA for the City (NT\$13.8 million provided by the Central Government and NT\$6.2 million provided by the City Government). In 2019, 1,062 cases were approved and NT\$19,992,570 was allocated, with an implementation efficiency of 99.96%.

C. Kaohsiung City Indigenous Area Simple Water Supply System Operation Plan: To understand the current operating status of the simple water supply system in indigenous areas, strengthen the functionality of the simple water supply system management committees, and ensure the quality and stability of tap water, the City submitted the “Kaohsiung City Indigenous Area Simple Water Supply System Operation Plan” in 2019. A budget of NT\$2,068,000 (NT\$ 1,427,000 from the Central Government and NT\$641,000 from the City Government) was approved by the Water Resources Agency,

MOEA for the simple water supply system operation plan. It is currently under acceptance check.

(3) Oil management and natural gas businesses

A. Reviewed applications of the establishment, registration and change for 286 petroleum/natural gas stations and fishing boat gas stations in the City, and held sessions for the relevant regulations governing equipment installation of the petroleum/natural gas stations. The City Government completed operation inspection and supervision for 110 petroleum stations in 2019.

B. 24 violations of Petroleum Administration Act were tracked down in 2019, and penalties amounting to NT\$2.4 million were levied.

C. Price difference subsidy of liquefied petroleum gas for the households in mountainous townships/districts program

In accordance with the “Subsidy Regulations for Oil Facilities and Transportation Costs in Remote and Indigenous Areas and Outlying Islands,” the Bureau of Energy, Ministry of Economic Affairs (MOEA) allocated price difference subsidies of NT\$4,677,000 for liquefied petroleum gas for household users in mountainous districts in 2019. The actual expenditure amount is NT\$

4,406,172, remaining amount NT\$ 270,828, with an implementation efficiency of 94.21%.

D. Liquefied petroleum gas retailer management

In Accordance with the “Regulations for Managing Supply and Marketing of Liquefied Petroleum Distribution, Repackaging and Retailing Industries,” 230 inspections on gas businesses and safety promotions were conducted in 2019. A total of 916 gas cylinders were inspected, among which 900 passed and 16 failed, representing a passing rate of 98.3%. Businesses that failed the inspection were included in the list of priority targets of joint inspection.

E. Natural gas enterprise management

With an aim of protecting the safety of natural gas users, regular private user inspections and industrial user inspections are carried out every year (once in two years for general household users, and once a year for industrial users and commercial users) by the following three companies: Hsin Kao Gas Co., Ltd., Nan Jehn Gas Co. Ltd., and ShinHsiung Natural Gas Co., Ltd. in accordance with the Natural Gas Enterprise Act. The number of public natural gas users are listed below:

Table 3-4 2019 People’s livelihood users and industrial users egularly check

Unit: (household/user)

Type	Company Name	Hsin Kao Gas Co., Ltd	Nan Jehn Gas Co., Ltd	ShinHsiung Natural Gas Co., Ltd	Total
Private households and commercial users		204,466	11,978	82,655	299,099
Industrial users		24	40	628	692
Total users		204,490	12,018	83,283	299,791

(4) Sand and gravel excavation

A. Sand and gravel excavation is not allowed in Kaohsiung for now

To strengthen the ban on illegal sand and

gravel excavation and deal with the holes caused by illegal sand and gravel excavation in Kaohsiung City, the “Kaohsiung City Government Taskforce in Clamping Down on Illegal Sand and

Gravel Excavation and Dealing with the Remaining Holes” was set up, liaising horizontally across divisions to conduct rehabilitation measures to improve the effect of execution.

- B. Rehabilitation measures to deal with remaining holes from illegal sand and gravel excavations

The City Government actively coordinated with the central government’s goals and policies in scheduled plan for the

rehabilitation of remaining holes from illegal sand and gravel excavations, implementing its own rehabilitation measures in the City. The number of holes on the watch list has gone down from 35 in 2016 to 20 by the end of 2019 (including six locations under central government’s watch and fourteen under local watch). The results were recognized by the central government.

2. Utility installation business registration and management

Table 3-5

2019 Electricity, Gas Fuel Pipeline and Water Supply Business Registration and Management

Registration and Management of Electricity Equipment Installation Businesses	925 Companies
Registration and Management of Electrical Inspection and Maintenance Businesses	43 Companies
Registration and Management of Public Natural Gas Pipeline Installation Businesses	18 Companies
Registration and Management of Full-time Electrical Technicians Hired by Specific Locations	8,270 Locations
Registration and Management of Tap Water Pipeline Installation Businesses	445 Companies

3. Promote the “Counties and Cities’ Joint Promotion Action Plan for Residential and Commercial Power Saving”

In line with the promotion of “Counties and Cities’ Joint Promotion Action Plan for Residential and Commercial Power Saving” by MOEA’s Energy Bureau, a three-year initiative from 2018 to 2020 was put into motion, implementing power-saving basic work, equipment replacement and smart power usage, and locally-adapted projects.

- (1) Basic power-saving work: conducting energy audit counseling, energy big data analysis, power-saving volunteer training and guidance, promotion of citizen participation in energy management, energy-saving education and campaign. In the second phase (2019), the

planning task was completed, and the overall work report is under review. NT\$8 million was budgeted for the project, reaching an implementation rate of 65.91%, and an estimated cumulative annual power saving of 240,000 kWh.

- (2) Equipment replacement and smart power usage: the second phase (2019) of the subsidy plan was budgeted for NT\$195,508,400, reaching an implementation rate of 93.73%, and an estimated cumulative annual power saving of 88 million kWh.
- (3) Locally adapted projects were implemented by the relevant authorities across divisions, following the principle of reducing peak-time power usage and expanding the power-saving effectiveness of the fund. It also took into

account three main sectors - households, service businesses, and government agencies and schools, created a power-saving atmosphere, and allocated some funds to care for disadvantaged groups. As of the end of December 2019, the implementation rate reached 88.02%. The usage of fund varied according to the different situations of the various bureaus in outsourcing and contract signing, with expenditure amounting to NT\$37.99 million. (the second phase budget is NT\$43.16 million)

4. Promote green energy industry

To get rid of Kaohsiung's long-standing image of being a highly polluted heavy industry base and increase job opportunities in Kaohsiung, the City is committed to developing a green economy, working towards a green and sustainable city development, and becoming a national stronghold for the solar photovoltaic application industry. The following measures have been adopted to actively promote green industries:

(1) Solar photovoltaic promotion program

Starting from August 2014, the MOEA has designated local governments to process applications for consent documents for installing rooftop solar photovoltaic power equipment with a capacity below 30 kW, equipment registration and other related affairs. The power level of equipment to be inspected was raised to 50 kW in 2015, and further increased to 100 kW in 2016 and 2017, and again raised to 500 kW per case in 2018 and 2019. A total of 1,096 applications with equipment below 500 kW in a single case completed registration in the City in 2019, with a total capacity of 155,835.982 kW. A cumulative total of 4,835 applications with equipment below 500 kW in a single case have completed registration in the City by the end of 2019, with a total capacity of 454,504.7105 kW.

(2) Reinforcement of green loans. Financing is provided for energy service providers

registered in Kaohsiung and solar photovoltaic equipment installed by citizens. As of the end of 2019, 67 cases in the third category were reviewed and approved with financing of NT\$192 million, and 313 cases in the fourth category were reviewed and approved with financing of NT\$146.68 million. Total financing reached NT\$338.68 million, increasing 6,123 kWp.

(3) Contract management for the purchase and sale of solar photovoltaic power generation systems

A. Income from power sale at Qihou Tourist Market and Wumiao Market

A solar photovoltaic power generation system was installed on the rooftop of the Qihou Tourist Market, with an equipment capacity of 77.28 kW. It generated a power sale income of NT\$262,289 in 2019. The rooftop solar photovoltaic equipment of the Wumiao Market has an equipment capacity of 9.75 kW, generating a power sale income of NT\$77,549 in 2019.

B. Rebate income from private businesses leasing public buildings and applying for tendering-exempt installation of solar photovoltaic power generation system

In 2019, income from businesses leasing public buildings which paid the administrative sanction (rebate) for tendering-exempt installation of solar photovoltaic power generation system totaled NT\$2,159,711. Among which, NT\$966,000 was granted as the credit guarantee fund for Class 4 loans under the City Government's small and medium-sized enterprise loans and strategic loans scheme. In addition, rooftop solar photovoltaic facilities installed on residential buildings are included in the target for tendering exemption from 2016 onward in accordance with the Guidelines for Solar Photovoltaic Power Generation Facilities Tendering of MOEA.

5. Management of existing industrial pipelines

(1) The City Government held seventeen sessions of “Existing Industrial Pipelines Maintenance and Management, Self-inspection, and Disaster Prevention and Rescue Check” in 2019, six sessions of emergency response capacity and mobilization efficiency test, one session of inter-departmental drill, three sessions of underground industrial pipelines leakage scenario simulation exercise, and two sessions of high-risk and sensitive area evacuation drill and educational campaign. Pursuant to Article 5 of the Self-government Regulations on Management of Existing

Industrial Pipelines of Kaohsiung City, the City’s fourteen enterprises with existing industrial pipelines have all submitted their 2020 pipeline maintenance and operation plans before the deadline on October 31, and the City finished reviewing the plans on December 27, and keeping them on file for reference.

(2) There are currently 72 existing industrial pipelines involved in the submitted plans that require inspection, with a total length of 941 km. This figure represents a decrease of 17 pipelines and a reduction in length of 357 km compared with the time before the Kaohsiung gas explosion.

III. Transportation

Business Implementation

1. Kaohsiung Mass Rapid Transit System Project

The basic network of the Kaohsiung Mass Rapid Transit (KMRT) System, consisting of the Red Line and the Orange Line, is 42.7 km in length, including 38 stations, the Daliao Maintenance Depot, as well as the North and the South Maintenance Depots. The Kaohsiung City Government adopted a Build-Operate-Transfer (BOT) approach for the construction, operation and development of this project; Kaohsiung Rapid Transit Corp. (KRTC) was awarded the BOT contract—a valid 36-year concession. The entire KMRT system has been operational since September 22, 2008. However, the construction of the permanent R11 Station is still ongoing due to its scheduling dependency on the Kaohsiung Railway Underground Project. The initial operation of the first phase was inaugurated on September 5, 2018, and the second phase is still ongoing. The permanent R11 Station will expand

its service network, advance the overall capacity of the MRT and give full play to the role of the transit center in the metropolitan area for the public to transfer Taiwan Railway and MRT in the station.

KRTC is awarded the development rights to various lands associated with the project to infuse profits for its investment and involvement during its operation period. Also, the Kaohsiung City Government reserves the right to collect rental income from these developments. As of the end of 2019, the sites that have been developed and are in operation include Herchun Hospital and Otaru Japanese Restaurant by the North Maintenance Depot, a women & children hospital located on Land No. 169 of the R13 Station. As well, there are a postpartum care center on Land No. 1431 and a women & children hospital on Land No. 1535, both on Xinzhuang Section No. 13 of Zuoying District. Meanwhile, a large family-friendly amusement park located by the South Depot called Taroko Park, a chain supermarket on Base Q14-1, and Han Pastry

House as well as a food & entertainment restaurant in Zone C-1 by the Dalio Depot also have been completed. Besides, by the North Depot there are sites under development but not in operation, such as Gangshan Branch of Kaohsiung Medical University Chung-Ho Memorial Hospital as well as two projects invested by Hewenxin and Dali Miller individually.

2. Kaohsiung Circular Light Rail Transit System Project

This project was directly administered by the Kaohsiung City Government. The Project was divided into two phases in coordination with the progress of the Kaohsiung Railway Underground Project. The section planned for the first phase, C1 to C14, which connects the Qianzhen Light Rail Maintenance Depot and the O1 Sizihwan Station, passing through Kaohsiung port area and covering a distance of 8.7 km, with 14 stations in total, is the major traffic line in Asia's New Bay Area. KRTC was commissioned to conduct the operation and the maintenance section by section. The entire system was operated on September 26, 2017, and served about 10.29 million riders by the end of 2019.

The section planned for Phase 2, C14 to C37, is 13.4 km in length, including 23 stations. It starts from the west of the Harbor Railway Line, extends northward to Meishuguan Road, through Dashun 1st, 2nd and 3rd Road, connects with the railway line corridor by Kaixuan 2nd Road, and finally returns to the light rail maintenance depot. This contract was awarded to China Steel Corporation on a turnkey basis and the construction was initiated on March 24, 2017. The construction was initiated on March 24, 2017. The Tracks C14 - C17 and the Stations C15 · C16 and C17 have been completed. Simultaneously, the civil engineering works and the tracks construction of Tracks C18 - C20 and The Tracks C32 - C37 have been in progress. The design of electrical and mechanical systems of Track C14 - C37 have been completed

and then those sections are conducted all the relative works of vehicle purchase, manufacture and installation. The vehicles of C14 - C17 are currently running test.

3. Kaohsiung Mass Rapid Transit System-Gangshan-Lujhu Extension

Gangshan-Lujhu Extension connects two important industrial towns: Gangshan and Lujhu. It is going to serve as a major mass transit in North Kaohsiung, and all its stations will become transfer nodes in communications between east and west areas. Once this extension line is completed, the whole public transit service in North Kaohsiung is expected to be highly promoted.

The route planned for Phase 1 is 1.46 km in length, with one elevated station. It starts from the Ganshan South Station (R24), extending through Jieshou Road Bridge as well as Agongdian River, heading northward along Provincial Highway No.1, and finally ends at Gangshan Railway Station. This contract was awarded to New Asia Construction & Development Corp. and was signed on September 20, 2018. It is under construction and expected to be completed in March, 2022.

The route planned for Phase 2 is 11.63 km in length, with 7 stops. It connects several important industrial parks in Gangshan and Lujhu, and terminates at Hunei Dist. The comprehensive plan report was submitted to the Ministry of Transportation and Communications, principally approved by the Review Committee on March 4, 2019 and National Development Council gave the first review on December 12, 2019. The Environmental Impact Statement (EIS) was kept on file for reference on October 1. Concurrently, some development lands, located in Gangshan, Lujhu and Hunei districts, had to proceed with urban planning modification, for which an official public display was held from December 22, 2018 to January 30, 2019. Besides, relevant public presentations were also held in above-mentioned districts on January 9 and 10, 2019.



Figure 3-1 Recommend Route Map for Gangshan-Lujhu Extension

4. Kaohsiung Mass Rapid Transit System Project-Yellow Line

The Yellow Line mainly connected with the

Asia New Bay Area. It passes through Sanduo Rd., Mincuan Rd. (Siwei Administrative Center), Minzu Rd., Jiangong Rd., [National Kaohsiung University of science and Technology(Jiangong District)], Kaohsiung Industrial High School, Benguan Rd., Da Pi Rd., (Chengcing Lake Scenic Area, Chang Gung Hospital, Kaohsiung Chengcing Lake Baseball Stadium) and Renmei Urban Planning Area(Depot). On the other hand, Chengcing Road (Fengshan Administrative Center) is connected with Guotai Rd. (City Council, Weiwuying, National Kaohsiung Center for the Art), Nanjing Rd., Wujia Rd., Zhenzhong Rd., (Qianzhen District Office). The line is 22.72 kilometers in length with 23 stations, and its expenditure about NT\$144.079 billion. The central government allocates NT\$ 80.399 billion, and the local allocates NT\$ 63.68 billion.

The feasibility report of Yellow Line was approved by the Executive Yuan on 24 May, 2019. Three public presentations and one public hearing session were held in September 2019 and later a joint local presentation was convened in October.



Figure 3-2 Kaohsiung Mass Rapid Transit System Project-Yellow Line

Major Transportation Engineering Projects

1. Kaohsiung Railway Underground Project

(1) The Kaohsiung Project area stretching from Mingcheng 4th Rd. to Dashun 3rd Rd. is about 6.9 km long, including park lane of five stations (Museum of Fine Arts, Gushan, Sankuaicuo, Minzu, Science and Technology Museum), and park lanes, parks, and plazas in the Phase 71 Readjustment Zone. The total cost for the project is NT\$2.358 billion, divided into tender projects as follows: park lane of station area (one tender), demolition of three-dimensional facilities (three tenders), park lane demonstration section (one tender), Mingcheng Museum of Fine Arts priority section (one tender), and park lane engineering (four tenders with Love River as the border), and Phase 71 readjustment zone (one tender).

A. Park lane of station area: commenced on February 22, 2018 and completed on February 14, 2019.

B. Demolition or leveling of three-dimensional facilities: Works on the Qinghai bridge commenced on November 23, 2018 and its surface road was completed and opened to traffic on March 15, 2019; works on Zihli and Dashun bridges commenced on October 26, 2018 and all lanes were opened on August 5, 2019; works on the Jhonghua underpass commenced on October 16, 2019 and are scheduled to be completed in July 2020.



Demolition (or leveling) of three-dimensional facilities under Kaohsiung Railway Underground Project – Qinghai bridge and four culvert facilities at Hebian Street

C. Park lane demonstration section: The section of Hua'an Street to Jinchuan Street, nearby Kaohsiung Museum of Fine Arts, has been completed and opened for use; the section of Pingdeng Road to the west side of Women's Center, nearby Science and Technology Museum, was completed on August 29, 2019. Mingcheng Museum of Fine Arts priority section commenced on July 26, 2018 and all lanes were opened on December 27, 2019.



Kaohsiung City Railway Underground Project station park lane engineering – Mingcheng 4th Road to Museum of Fine Arts section

D. Park lane engineering: Works at Mingcheng 4th Road to Hua'an Street, Shizhong 1st Road to Ha'erbin Street, and Minzu Road to Dashun 3rd Road are scheduled to commence in April 2020, and to be completed in April 2021; the public facility development of the Phase 71 Urban Land Readjustment Zone including park lanes, parks and plazas is scheduled to commence in March 2020. Works at Hua'an Street to Shizhong 1st Road are scheduled to open for tendering on May 28, 2020 and commence in June 2020.

(2) Fongshan Project Area from Dashun 3rd Road to the south side of Dajhih land bridge, with a total length of 4.4 kilometers, includes 1

commute station (Jhengyi Station) park road and node square. The total project cost is about NT\$700million, divided into 3 parts which include the station area park road part(1 bid), the three-dimensional facilities removal part(1 bid) and the park road project part(2 bids). The work on the park road project was started on November 25, 2019. To cooperate with the final inspection of railway underground open to traffic, the part of the station area of Jhengyi Station was completed on July 19, 2018. About the part of three-dimensional facilities removal, the dismantling, which was started on April 4, 2019 (after the Cingnian Steel Temporary Bridge demolition), on the Zihciang Land Bridge was completed on May 3, 2019. The dismantling, which had been started on October 26, 2019, on the Wejsin Land Bridge, was scheduled to be completed in the mid-April in 2020, and the Bo-ai Road was opened to traffic on November 4, 2019. As for the Jingwu Road, it had been opened temporarily to traffic on December 31, 2019.

2. Gangshan District Access Roads for Kaohsiung Highway No. 28 and No. 29 (Shuiku Rd. and Dazhuang Rd.) Widening and Improvement Project (Tenders A&B)

From the junction of Cailiao Rd. (Kaohsiung Highway No.29) and Shuiku Rd. to Dazhuang Rd. (Kaohsiung Highway No.28) in the Gangshan District, the section is outside the urban planning area. The road will be widened from the current width of about 5-7 meters to 12 meters. The length is about 2,136 meters, and the total cost of the project is NT\$213.13 million. Tender A started construction on October 24, 2018, with all lanes open to traffic on December 29, 2019, and is scheduled to be completed in March 2020; Tender B started construction on October 23, 2018, with all lanes open to traffic on December 26, 2019, and is scheduled to be completed in April 2020.



Gangshan District Access Road for Kaohsiung Highway No.28 and No.29 (Shuiku Road and Dazhuang Road) Widening and Improvement Project (Tender A)

3. National Highway No.1 Dingjin System Interchange Improvement - Connecting Eastbound National Highway No.10 and Northbound National Highway No.1

The scope of the project starts at the reserved ramp link of Kaohsiung Express Ring Road near the Dazhong-Wenci intersection, running eastbound along Dazhong Road until the existing northbound ramp of National Highway No.1, approximately 1.1 kilometers long. The newly constructed ramp is designed as an elevated bridge, descending after passing the Dingzhong Road intersection, and eventually connecting with the existing ramp in the form of an embankment at ground level. The total cost of the project is NT\$642 million. Construction started on March 5, 2018 and is scheduled to be completed in November 2020.

4. Northern Section of Kaohsiung City Coastal Access Road (New Provincial Highway 17) Construction Project

Entering the northern boundary of Kaohsiung City via Provincial Highway 17, the road runs

along Yuanzhong Harbor military zone and passes Houjin River and the Zuoying Military Dependents' Village, heading south to connect Zhongzheng Road and the South Gate roundabout in Zuoying District. It relieves traffic congestion in Cuihua Road, the original Provincial Highway 17. The road is divided into northern and southern sections by Demin Road. The first tender of the northern section started construction on October 23, 2017 and is scheduled to be completed in August 2020. The second tender was awarded in December 2019; in coordination with the Water Resources Bureau's work process of the Black Bridge Drainage Culvert project, it is scheduled to commence in June 2020 and to be completed in December 2021.

5. Main Access Road Project for Neimen Tourism and Leisure Park in Kaohsiung City

In coordination with the overall development plan of the Neimen Tourism and Leisure Park, the access road is being constructed first, connecting Provincial Highway 3 and Jhongjheng Road at the northern end to the park at the southern end. It is approximately 450 meters long in total (including a 150-meter bridge), 10 meters wide; its total cost is NT\$214.65 million. Construction started on August 28, 2019 and is scheduled to be completed in April 2021.

6. Ciaotou Science Park Access Road - Widening Project of Youcing Road

Subsidized by the Construction and Planning Agency of the Ministry of the Interior (CPAMI), the project is an urban planning road 30 meters in width and about 767 meters in length; its total cost is NT\$332 million. Construction started on January 31, 2020 and is scheduled to be completed in March 2021.

7. Ciaotou Science Park Access Road – Construction of Roads 1-2 and 2-3, Commissioned by CPAMI

Road No. 1-2 is an urban planning road 60 meters in width and about 2,870 meters in length, with a total cost of NT\$1.50033 billion; a highway-crossing plan for the road is under discussion. Road No. 2-3 (Daliao Road) is an urban planning road 50 meters in width and about 883 meters in length, with a total cost of NT\$214.52 million. A review meeting on its detail design was held on January 21, 2020, and outsourcing will be processed depending on the negotiation progress of the City Government's Land Administration Bureau on land acquisition.

8. Jhongshan 4th Road and Yanhai Road Pavement Improvement Project

The project improves road length by about 11 kilometers and area approximately 557,476 m². It includes pavement resurfacing, base improvement and drainage improvement. Until March 2019, the improvements on the pavements of Jhongshan 4th Road (Jinfu Road to Hongping Road), Yanhai Road (Hongping Road to Licyun Road), Yanhai Road (Jhonggang Road to Jhonglin Road) fast lane and Yanhai Road (Jhonglin Road to Nansing Road) northway fast lane had been completed. As for the remaining parts, which include Jhongshan 4th Road (Jhongan Road to Jinfu Road) and Yanhai Road (Jhonglin Road to Nansing Road), was been scheduled to be completed respectively in mid-April and the end of April.

9. Nansing Road Project

The first phase and the second phase of the Nansing Road project were completed in October 2015 and July 2016. Besides, the third phase of the Nansing Road project (Cishan 2nd Road to Fongbei Road northway section) improved the length about 1600M, an area about 16,891 m². The project included weak base improvement, surface milling and AC paving. The third phase of the project had been started on November 12, 2018, and was completed in July 2019.



The 3rd phase of the Nansing Road improvement project (Qishan 2nd Road to Fengbei Road northway section)

Traffic Planning

1. Transportation Planning

- (1) Transportation planning related to the Underground Railway Project

The Kaohsiung Underground Railway Project starts from the southern part of New Zuoying Station of Taiwan Railway, passing through Baojhen Road and reaching Fongshan, with a total length of 18.16 kilometers. In addition to the existing Zuoying, Kaohsiung, and Fongshan Stations, 7 commuter stations were established, namely Neiwei, Museum of Fine Arts, Gushan, Sankuaicuo, Minzu, National Science and Technology Museum, and Jhengyi. The total budget was around NT\$99.869 billion. The entire underground railway line was open to traffic in October 2018.

- (2) Circular Light Rail Traffic Integration Team

To ensure that the traffic control measures including road design and traffic signs along the light rail line are seamlessly integrated with the surrounding major public constructions, and that the plans regarding the abovementioned interfaces can be submitted to the Road Traffic Safety Committee for review, the City Government formed a Circular Light Rail Traffic Integration Team

which serves as a discussion platform for issues along the line such as traffic maintenance and control during construction, and traffic signs planning.

- (3) Kaohsiung Section of National Freeway No. 7 Project

The length of the entire Freeway No. 7 is around 23 kilometers. 9 interchanges or ramps are to be constructed along the freeway, namely Nansingduan, Linyuan Interchange, Linhai Interchange, Dapingding Interchange, Siaogang Interchange, Daliao System Interchange, Fongliao Interchange, Niasong Interchange, and Renwu System Interchange, with total expenses amounting to around NT\$61.55 billion. The Bureau will continue to carry out the construction project with the Taiwan Area National Expressway Engineering Bureau.

- (4) Feasibility study of adding Gangshan 2nd Interchange and Renwu Bade 2nd Road Interchange on National Freeway No. 1

A. Adding National Freeway No. 1 Gangshan 2nd Interchange

In response to the serious traffic congestion at rush hours on the Gangshan interchange and local access road connecting the important industrial clusters around Gangshan District, the Transportation Bureau has conducted a feasibility study and proposed the “Jiaxin Road Diamond Interchange in Gangshan District Project,” which was conditionally approved by the Freeway Bureau, MOTC on January 31, 2020. After the project is submitted to the Ministry of Transportation and Communications (MOTC) to be forwarded to the Executive Yuan for a feasibility study, the Highway Bureau will carry out the integrated planning, comparative analysis of environmental impacts, design, and construction. The Kaohsiung City Government will be responsible for the

commitments including land acquisition and access road expansion. The overall project is scheduled to be completed and open for traffic in 2026.

B. Adding National Freeway No. 1 Renwu Bade 2nd Road Interchange

In response to the future development and traffic demand of the City's Zuoying and Renwu Districts, and to divert traffic and ease traffic congestion on the Dingjin System Interchange, an assessment was performed regarding building a new interchange between Nanzih and Dingjin System Interchange on National Freeway No. 1. The Transportation Bureau has conducted a feasibility study and primarily proposed the "Bade 2nd Road Diamond Interchange Project." With reference to the Highway Bureau's preliminary review on January 7, 2019, as many interfaces of the interchange are cooperative with that of the Kaohsiung-Pingtung Second Expressway, the Highway Bureau suggested that the Directorate General of Highways, MOTC include the Bade 2nd Road Interchange in the planning of the Kaohsiung-Pingtung Second Expressway.

(5) Road intersection/section facility optimization project

A. To maintain the life and property safety of citizens and prevent A1 traffic accidents (death on-scene or within 24 hours) from happening, the Kaohsiung City Police Department (KSPD) assembles related units for on-site investigation when such accidents happen to seek improvements and report the status of improvement at the City Government's Road Traffic Safety Committee meetings.

B. To improve Kaohsiung's overall traffic safety, the "A1 and A2 Traffic Accident Reduction Plan" was formulated where the characteristics and road use behaviors of

road users were analyzed to draw up related improvement strategies. The Road Traffic Safety Committee integrates resources of all offices and bureaus and implements measures including engineering, education, law enforcement, publicity, supervision, and evaluation to improve traffic safety of motorcycles, senior citizens, and heavy vehicles and reduce drunk driving. In addition, it continuously works on improvement measures according to major accident types, and accident-prone group and road junctions.

C. While "ignoring traffic signs or controls" is a serious traffic offence and a common cause of traffic accidents, the City Government specifically implemented targeted improvement of "red light running" through education, publicity, engineering, and law enforcement. In education and publicity, apart from publicizing related information to the general public through channels including the internet, TV, and broadcast, campus education (elementary schools: crossroad safety; junior high schools: cycling safety; senior high schools: defensive driving) was reinforced at schools of all levels. In engineering, speed management, turn treatments, safe driving sight distance, and improvement of crossroad pedestrian facilities were the focus of Kaohsiung's traffic safety review and improvement. In law-enforcement, the KSPD enhanced traffic safety through targeted enforcement of red-light running and serious traffic offences, such as illegal and double parking, in Kaohsiung's five major business areas, blocks with intensive business activities, and accident-prone road junctions.

D. The "2018 Accident-Prone Road Junctions Improvement Outsourcing Project" was implemented in 2019. The outcomes include recommendations for improvement

- of nine road junctions including the one at Zhongzheng 1st Road and the freeway in Lingya District. Related measures will be implemented in 2020.
- (6) Establishing universal design taxi and tourist taxi fleets
- A. In 2019, 272 universal design taxis were in operation and providing services in the City. The percentage of disabled passengers taking universal design taxis reached 71%, which was the highest among the six metropolises in Taiwan. In regard to the engagement of universal design taxis in the Long-Term Care 2.0 Transportation Service Program, eight taxi fleets have completed the qualification screening process and obtained approval to proceed. Among them, Crown Taxi and YESTAXI have entered into a contract. A total of 27 universal design taxis began operations on December 1, 2018.
- B. The City was the first in Taiwan to initiate the taxi driver English training and certification program and had issued 1,836 tourist taxi driver certificates by 2019, providing in-depth and quality touristic services for passengers. In 2019, 29 large cruise ships berthed at the Port of Kaohsiung. The Transportation Bureau led the country by introducing tourist taxi shuttling services at the harbor. Tourist taxi fleets took turns to provide on-site services, serving over 4,000 cruise passengers in about 2,000 trips, substantially increasing income in the taxi industry.
- (7) Promoting shuttle taxi services and taxi carpool plans
- A. The City was the first in Taiwan to launch shuttle taxi service, using taxis instead of buses to provide demand-responsive transit services and has achieved various qualitative and quantitative benefits (transportation volume growth by multiples and a 25% cost reduction). It was deemed as a national benchmark project. By 2019, a total of 46 routes are in service. In the future, the performance of implementation will be reviewed constantly and the service model of the diversified taxis will be integrated to provide better-quality transportation service through the booking mechanism and service differentiation.
- B. After introducing the taxi-pooling service for campus in 2016, the regional taxi-pooling project was launched in 2017 after resource integration to help build a zero-accident, comfortable campus traffic environment. In 2019, taxi-pooling service provided 28,000 rides to a total of 116,000 passengers, averaging 9,000 passengers/month.
- (8) Expanding the diversified taxi service and reforming the operating environment for taxi businesses
- A. The Transportation Bureau actively guides more taxi fleets to join the diversified taxi service. Apart from the existing 12 taxi fleets joining the service after transformation, the Bureau has urged Uber to reform and cooperate with the taxi industry in compliance with the MOTC's policy. The cooperative taxi fleet completed registration and began service on November 27, 2019.
- B. By the end of 2019, about 850 taxis joined the service and made about 840,000 trips, each with income of about NT\$110-NT\$350, which is higher than the average per trip income of ordinary taxis at about NT\$141, mutually benefiting passengers, drivers, and business owners.

2. Roads and Bridges

In 2019, a total of 14 new road and bridge construction projects were outsourced; a total of 45 projects started construction, of which 22 have been completed, and the remaining 23 are

underway and are being implemented actively.

The total area of road and bridge construction in 2019 is 67,102 square meters, and the total length is 6,383 meters (Table 3-6).

Table 3-6 Statistics on road construction of traffic facilities in Kaohsiung City

Year	Newly Built Roads and Bridges	
	Total Area (m ²)	Total Length (m)
2010 (city-county consolidation)	223,986	13,470
2011	70,848	7,162
2012	159,935	9,167
2013	204,643	20,463
2014	151,902	11,290
2015	214,972	13,783
2016	35,191	3,545
2017	90,414	5,503.8
2018	122,362	4,147
2019	67,102	6,383

Source: Public Works Bureau, Kaohsiung City Government

3. Planning and Management of Parking Lots

(1) New construction of off-road public parking lots.

In 2019, 11 off-road public parking lots were built, adding 1,178 parking spaces for sedans and 722 parking spaces for motorcycles.



Singuang North District Public Car Park



Cingpukou Public Car Park

(2) Introducing private funding for multipurpose parking towers.

A. Kaohsiung Aozihdi (Carpark 35) BOT Project

The project will be completed in April 2022 to provide 600 parking spaces for sedans, 1,110 parking spaces for motorcycles, and 40 parking spaces for bicycles; about 1,900 m² (575 pings) will be released to be used by agencies of the City Government and to introduce malls and food courts as the secondary business.



Carpark 35 BOT Project

B. Kaohsiung Aozihdi (Carpark 5) BOT Project

The project will be completed in May 2022 to provide 76 parking spaces for sedans, 71 parking spaces for motorcycles, and 24 parking spaces for bicycles; financial industry will be introduced as the secondary business.



Carpark 5 BOT Project

(3) Encouraging the private sector to establish public parking lots

In 2019, the City Government issued licenses for up to 160 car parks, the highest over the years, to increase 362 parking spaces for heavy vehicles, 8,145 parking spaces for sedans, 1,809 parking spaces for motorcycles, and 420 parking spaces for bicycles.



Kaohsiung Metro R24 Gangshan South Station Car Park 1



Linyuan Kaohsiung Commercial Building Car Park

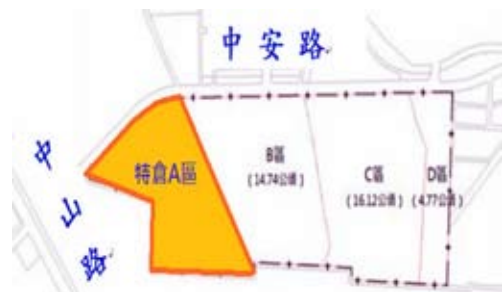
(4) Planning of car parks for heavy vehicles

A. Lease by tendering of vacant government land in Dapingding for building heavy vehicle car parks

Since 2009, The City Government began to lease by tendering vacant government land totaling 9.3 hectares for building car parks, providing 1,461 spaces for heavy vehicles. Apart from bringing gains on lease of NT\$16,801,830, this policy helps save land maintenance expenses.

B. Coordinating with Taiwan Sugar to release the 86th readjustment zone to accommodate heavy vehicle business owners

After three times of coordination since 2016, Taiwan Sugar Corporation has released the land acquired from land readjustment to build car parks for heavy vehicles before value-added development. Phase I with operations starting in January 2020 will release space for parking 317 heavy vehicles. Phase II with operations starting in April 2020 will release space for parking 213 heavy vehicles.



A public car park for heavy vehicles at special warehouse zone A completed in phase I

- (5) By 2019, there are 50,595 and 75,025 roadside parking spaces for sedans and motorcycles respectively and 22,971 and 7,131 off-street parking spaces for sedans and motorcycles respectively for public parking use.
- (6) Citizens can search for and pay parking fees at convenience stores. In 2019, a total of NT\$437,882,478 of parking fee was collected through convenience stores.
- (7) Public car-parks are operated through self-financing. All proceeds are included in the fund, accumulating NT\$434,207,346 in 2019.

4. Improvement and Maintenance of Road Traffic Facilities

- (1) Maintenance of traffic signals, signs, and markings

A. Signals

In 2019, 21 traffic signals were installed; pedestrian signals were installed at 40 locations; and underground traffic signal conduit lines were installed at 10 intersections. As of the end of 2019, 5,212 intersections had traffic signals.



New tri-color and pedestrian traffic signs



Underground pipelines at the junction of Gongyuan 2nd Road and Dayong Road in Yancheng District

B. Signs and markings

In 2019, a total of 1,551 control and warning signs and 1,710 reflectors were added to or replaced in major road junctions, and a total of 79,480 m² of thermoplastic road marking paint was paved.



Added Regulatory No. 18 and Warning No. 3 signs



Box junction

- C. In 2019, the Bureau was rated No. 1 in group 1 in the “Traffic Engineering” evaluation on the 2018 performance by the MOTC under the “Executive Yuan Traffic Order and Traffic Safety Improvement Project” and No. 1 in actual achievements in “Traffic Engineering” by the Construction and Planning Agency of the Ministry of the Interior under the “Urban Road Maintenance and Management and Accessible Pedestrian Environment Evaluation Project.”



Won the first prize from the MOTC



Traffic-calmed neighborhood in the Heti Community



Won the first prize from the MOI

B. Pedestrian refuge islands

Pedestrian refuge islands are planned in the reserved areas in median strips for pedestrians to pause or seniors to take a break when crossing the road. In 2019, four refuge islands were completed at intersections including the Minzhu-Jhongjheng road junction to provide a friendlier and safer human-oriented traffic environment.



Pedestrian refuge islands at Minzhu-Jhongjheng road junction

(2) Innovative traffic facilities

A. Traffic-Calm Neighborhood

To make human-oriented traffic a reality and resolve people-vehicle disputes in neighborhoods, the City Government has demarcated “traffic-calmed neighborhoods” in areas with elementary and high schools and frequent pedestrian and student activities to link existing pavement networks and reduce vehicle speeds. In 2019, “traffic-calmed neighborhoods” were completed in four locations: Heti Community, Baohua Village, Wanli Village, and Benwen Village in Sanmin District, to create a friendly road environment with improved safety for pedestrians and vehicles.

(3) Traffic Management System Establishment Plan

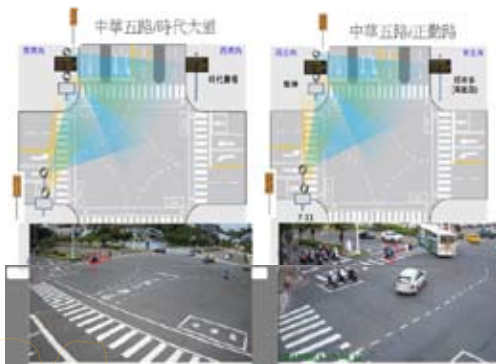
A. In 2019, the smart junction collision avoidance system, eco-driving system, and

smart traffic identification system were planned and installed at six road junctions on Kaisyuan Road along the LRT phase I to provide LRT drivers with collision avoidance information and signals. The project was rated “excellence” by the MOTC in the “Smart Transport System Construction and Development Projects” evaluation.



Prize presentation at the MOTC Smart Transport System Construction and Development Project evaluation

B. To rectify illegal motorcycling behaviors, the City Government piloted the motorcycle illegal left-turn warning system at two road junctions: Zhonghua/Jhngcinq and Zhonghua/Time Avenue. The system integrating AI image recognition and automatic vehicle identification (AVI) system began service on February 1, 2020, and has reduced illegal motorcycling behaviors by about 82%.



Motorcycle illegal left turn warning system

C. To improve the long-time traffic congestion problem at the Dingjin Interchange of National Freeway No. 10, a smart traffic signal control system was installed at Zihyou Exit ramp, and the junction of Dajhong Road and Bo'ai Road. After the system went live, the average queue length has reduced significantly; the average queue length at weekday rush hours and holiday rush hours between Dajhong Road/Ziyou Exit has reduced by 16.23% and 49.62% respectively; and the average queue length at weekday rush hours and holiday rush hours between Dajhong Road/ Bo'ai Road in the local network has reduced by 13.98% and 21.28% respectively.



Smart traffic signal system at the exit ramp of National Freeway No. 10

5. Management of Automobiles and Motorcycles

As of the end of 2019 there were 912,749 automobiles and 2,028,702 motorcycles registered in Kaohsiung City, and the total number is 2,941,451 motor vehicles. (Table 3-7)

Table 3-7 Average Growth Rate and Ownership of Automobiles and Motorcycles in Kaohsiung City

Year	Population	Automobile			Motorcycle		
		Quantity	Annual Growth Rate (%)	Ownership Rate (Person per Vehicle)	Quantity	Annual Growth Rate (%)	Ownership Rate (Person per Vehicle)
2010	2,773,483	798,060	*	3.48	2,259,019	*	1.23
2011	2,774,470	815,669	2.21%	3.40	2,304,532	2.01%	1.20
2012	2,778,659	849,693	4.17%	3.27	2,282,969	-0.94%	1.21
2013	2,779,877	864,707	1.77%	3.21	2,091,326	-8.39%	1.33
2014	2,778,992	862,120	-0.30%	3.22	2,010,222	3.88%	1.38
2015	2,778,918	898,829	4.26%	3.09	1,996,809	-0.67%	1.39
2016	2,779,371	908,475	1.07%	327	1,990,803	-0.30%	716
2017	2,776,912	899,024	-1.04%	324	1,999,902	0.46%	720
2018	2,773,533	907,200	0.91%	327	2,008,475	0.43%	724
2019	2,773,198	912,749	0.61%	329	2,028,702	1%	732

* The data of the original Kaohsiung County for 2010 was added to Kaohsiung City because Kaohsiung City and Kaohsiung County consolidated on December 25, 2010.

Source: Kaohsiung City Motor Vehicles Office, DGH, MOTC

Table 3-8 Automobiles and Motorcycles Registered in Kaohsiung City

Year	Automobiles	Motorcycles	Automobile Driver	Motorcycle Driver
2010	803,840	2,259,019	1,450,871	1,671,798
2011	815,669	2,304,532	1,529,353	1,743,008
2012	849,693	2,282,969	1,558,144	1,773,560
2013	864,707	2,091,326	1,464,341	1,663,793
2014	862,120	2,010,222	1,578,719	1,806,848
2015	898,829	1,996,809	1,605,022	1,832,143
2016	908,475	1,990,803	1,635,684	1,854,120
2017	899,024	1,999,902	1,661,699	1,874,760
2018	907,200	2,008,475	1,048,184	1,176,475
2019	912,749	2,028,702	1,056,385	1,182,132

* The data of the original Kaohsiung County for 2010 was added to Kaohsiung City because Kaohsiung City and Kaohsiung County consolidated on December 25, 2010.

Source: Kaohsiung Motor Vehicle Office, DGH, MOTC

6. Road Administration

(1) Driving tests for drivers and motocyclists

A. For drivers :

Written examination : 21,294 person/times attended, and 19,516 person/times passed
Road examination : 23,673person/times attended, and 16,808person/times passed

B. For motocyclists :

Written examination : 25,925person/times attended, and19,854 person/times passed
Road examination : 32,708 person/times attended, and25,283 person/times passed

- (2) Cooperate with other official groups and utilize the “Remote Area touring Services”, Kaohsiung City Motor Vehicles Office holds motorcycle license test counselings for new immigrants irregularly. In order to help new immigrants to attend the motorcycle license test successfully, the designated person explains test process and skills before license test. In2019, together with “Liouguei District Office”&”Namasia District Office”& “Cijin District Office“, 5sessions of motorcycle license test counseling were held and helped 40 new immigrants.
- (3) For serving citizens from remote area ,there were 4 sessions of “Driving License Test Services” held in 2019 The services benefited about 532citizens.
- (4) Cooperate with “Merida Bicycles Co. LTD.”, “Kwang Yang Motor Co. LTD.” and “Chung Cheng University-Road Teacher Program”, Kaohsiung City Motor Vehicles Office established the first “Safe Driving Education Center” in Taiwan. The center launches a series of touring education campaigns including “Driving Safety Workshop” and “Senior Learning program.” These programs are widely promoted to the secondary and primary schools, colleges and universities in Kaohsiung. There were 229 sessions held in 2019 and45,298citizens and students

participated in.

- (5) To strengthen safety concepts of motorcycle riding at night for people and young students,“Safety defensive driving training camp” is originally hold by Kaohsiung City Motor Vehicles Office. Cooperates with “Kwang Yang Motor Co. LTD.” and other private groups,the camp provides solutions for the main factors of traffic accidents and teaches citizens the basic techniques in road driving. There were 1 sessions of the “Safety defensive driving training camp” held in2019, and 240citizens participated in.
- (6) Vehicle license plates were auctioned to the public using the common bidding method on private auction sites. The public can go online and bid for their selected plate number at home. The open auction of private vehicle license plates in2019 auctioned off a total of1,028plates with bidding amount totaling NT\$7,520,000.

7. Public Buses

(1) Strengthened supervision of city bus management

A. Sustainable bus management plan

The City has implemented the "Bus Ridership Increase Project" since 2014. Through the strategies such as optimization of the bus route network, the delegation of bus services, and Bus E-take, the project aims to elevate the competitiveness and operational performance of the City's bus system and increase the public's interest in using public transportation. To increase the public's interest in using public transportation, the City continued to launch a variety of e-ticket discount programs in 2019.

a. Mobility as a Service (MaaS) program of the City

The MaaS program improves the service quality of public transport (metro, bus, and LRT) in Kaohsiung

City by integrating multiple vehicles to provide citizens with convenient, reliable, and stable transportation services. With the MeNGo Unlimited Pass at only NT\$1,499 (NT\$1,299 for students), apart from enjoying unlimited rides and mileage on the metro, buses, and LRT within 30 days, citizens can get 600 MeNGo points to redeem for taxi, WeMo scooter, and parking services, and 4 free ferry rides. With the MeNGo Unlimited Bus & Intercity Bus Pass at only NT\$1,499 (NT\$1,299 for students), citizens can enjoy unlimited rides and mileage on city buses, intercity buses, and express buses within 30 days. In addition, monthly pass is available for commuters at NT\$479 (NT\$399 for students) for unlimited rides on all city buses within 30 days. There is also the 7-day student pass at NT\$333 for the flexible use for students.

- b. Bonus discounts for transfer between buses and Light Rail

To encourage the public to take public transportation, starting on October 1, 2018, passengers who transfer from Light Rail, the former intercity buses, or city buses to city buses within two hours using e-tickets would enjoy a free one-section bus ride; passengers who transfer from Light Rail, the former intercity buses, or city buses to the former intercity buses within two hours using e-tickets would enjoy a fare discount of NT\$12. The discount policy was extended to TRA trains as of October 1, 2019.

- c. A one-way transfer promotion for the KMRT and city buses

Passengers using e-tickets to pay for KMRT fares can enjoy a NT\$3 discount

when making a transfer to city buses (one-way) within 2 hours.

- d. Enjoying unlimited rides within the day when fares for two sections are paid

Passengers using e-tickets to take city buses only need to pay fares for two sections, and may enjoy free city bus rides from the third section onwards on the same day. (This program does not include express, cultural, sightseeing, and medical bus routes and bus routes for which mileage rates apply. In addition, the relevant discounts do not apply if the passes held offer other discounts, such as the Welfare Card, as well as the affinity cards, citizen cards, regular passes, monthly passes, and children cards issued in other cities and counties. Moreover, holders of e-tickets will not be able to enjoy the discounts if the balance is insufficient to pay the fares and the unlocking fee.)

- e. Former intercity bus fare discounts

Passengers using e-tickets to take the former intercity buses may enjoy a discount where the maximum payment is NT\$60 (excluding Cishan-Meinong freeway express buses and Harvard Express).

- B. Applying for subsidies from MOTC to carry out projects related to public transportation development

To provide a safer and more comfortable bus ride experience and create an excellent bus stop environment, the City actively applied to the MOTC for subsidies from its Diversified Highway Public Transportation Improvement Program. Subsidies were approved for 30 projects in 2019, totaling NT\$335.2 million.

- C. Shuttle buses for low-carbon tours

- a. Kaohsiung Tourist Shuttle - Cultural Tour Bus Pass

The “Cultural Tour Bus Pass” discount program has been promoted. Citizens can get on any of the following five cultural buses with the pass: the Hamasen Cultural Bus, Old Town Cultural Bus, Fongshan Cultural Bus, Hongmaogang Cultural Bus, and Taiwan Tourist Shuttle – Dashu Shuttle Bus. The pass also allows free transfers to city buses. The Tourism Bureau, MOTC conducted an evaluation on the Taiwan Tourist Shuttle routes in 2019. The Harvard Express (E02) and Dashu route were rated “excellence” and “A” respectively.

b. Discounts for bus trips to National Science and Technology Museum

Passengers who take Bus 60 and get off at the National Science and Technology Museum Stop may receive an admission ticket voucher for the National Science and Technology Museum. With the voucher, they can purchase an admission ticket for the exhibition hall of the National Science and Technology Museum at NT\$70 for an adult (the original price is NT\$100) and at NT\$50 for a student (the original price is NT\$70).

D. Reducing the age of the vehicles to improve road safety

The City has 1,011 buses, including 120 electric low-floor buses, 317 low-floor buses, 335 general large buses, 150 medium-sized buses, 69 wheelchair-accessible large buses, 18 wheelchair-accessible medium-sized buses, and 2 double-decker buses, with an average bus age of 6.08 years.

E. Buses on the Campus

With buses serving in most universities among all municipalities in Taiwan, the Kaohsiung City Bus has now entered

Shu-Te University, Fooyin University, National Sun Yat-sen University, Cheng Shiu University, National Kaohsiung University of Science and Technology, National Kaohsiung University of Hospitality and Tourism, National Kaohsiung Normal University, I-Shou University, Shu-Zen Junior College of Medicine and Management, and Shih Chien University. Between September 2015 and 2019, the daily ridership increased from 74 passengers/day to 1,358 passengers/day. In addition, the service has significantly reduced student traffic accidents. Between 2016 and 2019, traffic accidents reduced by 219 cases (49%), presenting outstanding achievements.

F. Creating a comfortable and friendly transportation environment

a. To enhance bus service quality and build a barrier-free and friendly transportation environment, 528 low-floor and wheelchair-accessible large and medium-sized buses have been operating on the routes that connect hospitals and special education schools for the physically and mentally disabled.

b. The Rehab Bus fleet of the City now consists of 160 vehicles, offering highly mobile and convenient transportation services to the physically and mentally disabled. Throughout 2019, the Rehab Bus fleet offered transportation services 325,031 times and served 617,847 passengers. In addition, payments through LINE Pay iPass has been enabled since December 2019.

c. Bus operators continued to be encouraged to replace old buses with electric low-floor buses. As of December 2019, the number of electric buses in the City reached 120, accounting for about 11.6%

of the total number of buses. The City aims to replace all buses with electric buses by 2030 in accordance with the policy of the Executive Yuan.

(2) Improving bus stop environment



A bus shelter



A cantilever style bus shelter

- A. In 2019, 40 bus shelters were built, and 50 bus stop plates were installed. Presently, there are 860 bus shelters, 895 vertical bus stop plates, and 1,591 rotary bus stop plates.
- B. In 2019, environment improvement was completed at six bus shelters including Mingsheng Road Intersection, Post Office Dormitory, Tiansiang Road Intersection along Minzhu Road.
- C. To work around conditions such as side ditches next to sidewalks or land limitations where bus shelters could not be constructed, 32 innovative, cantilever style bus shelters were erected to achieve the goal of improving the bus stop environment.

8. Boats and Ships

- (1) After Asia's first fully electric commuter ferry "Qifu No. 1," local Cijin shipbuilder built the "Qifu No. 2" starting service in early 2019 to significantly improve the air quality and ferry service between Cijin and Gushan.



Qifu No. 2

- (2) Harbor cruises such as "Harbor Cruise, Maritime Feast," "Themed Harbor Cruise," and "Customized Charter Cruise" took passengers around the Port of Kaohsiung to enjoy the romantic scenery of sunsets and night views. In May 2019, the service of holiday Jin Jhan Harbor Cruise began. The 2019 ridership was 41,770 passengers.



Jin Jhan Harbor Cruise

- (3) The KW2-Cijin Ferry began service on June 13, 2018 to link the tourism areas in Pier 2, Kaohsiung Port Warehouse No.2 (KW2), Cijin, and Gushan and increase the number of visitors.

(4) Operational reform

- A. Continuing to enhance the management of the flow of people embarking on ferries
 - a. A dedicated lane for Cijin residents was set up, reducing waiting time.
 - b. Pedestrian traffic and vehicle traffic are separated on general holidays, and gas-powered scooters of general tourists are banned on ferries from 11 a.m. to 5 p.m. during multi-day holidays.
- B. After outsourcing the operations and management of the solar Love Boat to Dapeng Bay Yachts, the City Government receives a fixed income on royalty at NT\$8 million/year.

(5) Ship Safety Operations and Pollution Prevention Management

All seven ferries and three cruise ships of Kaohsiung City Shipping Co., Ltd. passed the NSM ship safety management certification of the Maritime Port Bureau, MOTC on November 22, 2019.

Road safety

In 2019, there were 197 cases of A1 traffic accidents, 200 fatalities, and 56 injuries. When comparing the above with 2018 data (129 cases of A1 traffic accidents, 130 fatalities, and 55 injuries), there were 68 more cases in A1 traffic accidents, 70 more cases in fatalities, and 1 more cases in injuries. There were 42,320 cases of A2 traffic cases, 59,628 injuries. Comparing to 2018 data (45,341 cases, 62,894 injuries), there were 3,021 fewer cases and 3,266 fewer injuries.

1. Varieties of law enforcement

- (1) Focus on 10 major accident intersections, and 5 major accident sections:

In addition to the police department's routine project services, such as "banning DUI", "prevention of dangerous driving", "prohibition of violating full-sized vehicles" and

"protecting pedestrians", etc., it is also planned to effectively prevent accidents in the jurisdiction of 17 precincts for the top 10 accident-prone intersections and the 5 major accident-prone sections.



Police bans drunk driving law enforcement

- (2) Strengthen banning on mainly traffic violations project

Beginning from 2019, Mar. 1st, the police department implemented and tried to reinforce law enforcement on "strengthen banning on mainly traffic violations project" every three months, targeting on red lights, turning violations, impolite pedestrians, side-by-side parking, speeding, reverse driving, and violations of full-sized vehicles.

- (3) Enforcing traffic regulations

In order to effectively reduce accidents, the police department implemented the "enforcing traffic regulations" since 2019, May. It selects twice a month and regulates three main kinds of traffic violations. The 17 precincts and the traffic police corps will simultaneously focus on suppressing major violations and the cause of the accident.

2. Construction of technology enforcement equipment has been completed and started to enforce at the end of 2019, Dec

- (1) Monitoring system of intersection multi-

directional violation:

The police department selected the intersection where easily has accidents (1. Dazhong 2nd Road / Huaxia intersection in zuoying district: law enforcement started on 2019, Oct. 1. 2nd. Boai 2 Road / Xinzhuang 1 intersection: law enforcement started on 2019, Nov. 1st . Fengding Road / Guopi intersection: law enforcement started on 2020, Feb. 1st) Combined with the existing fixed test equipment of running the red-light, the introduction of a multi-functional technology enforcement system on intersactions and a reminder for passersby's real-time system, which improve passersby' safety very much.



Police "Interval Speed Measurement" technological law enforcement

(3) Science and technology enforcement monitoring center

Science and technology law enforcement is trend of maintaining traffic safety in the future. In order to consolidate the future construction of science and technology law enforcement related facilities at intersections and road sections in the city, the “science and technology law enforcement monitoring center” was completed in 2019 Oct. In addition to automatically compile statistics and information related to law enforcement, it can also provide a reference for traffic safety law enforcement and adjust the law enforcement direction immediately, and maintaining the safety for pedestrians.



Police department's "Intersection Multidirectional Violation Monitoring System" technological law enforcement

(2) Interval speed test:

The police department selected accident-prone road section (1. Songyi section of niaosong district: law enforcement started on 2019 Nov. 1st. 2. Neimen district, 182 line way: law enforcement is expected to begin on 2020, Mar. 1st) using the concept of average speed, different from the traditional fixed speed camera, it can increase the control range as the distance of the monitored section increases. In order to avoid penalty for speeding, when the drivers pass the road which been monitored will control their speed and accomplishing the goal of driving safely.



"Science and Technology Enforcement Monitoring Center" in police department

3. “Love, drive safely” Facebook fans page enforce propaganda

The police department has produced films “Love, drive safely” which focus on the causes of common traffic accidents, such as: running red lights, not turning according to regulations, visual dead corners of cars, poor vision in night, etc. Since its premiere on 2018 Aug. 10th, it has produced a total of 20 episodes. The public

praised the films, and the number of viewers in each episode reached as high as 100,000 to 300,000, effectively improving the driving knowledge of the public, developing the correct driving concept and morals then reducing accidents.

IV. Tourism Affairs

Tourism Business

1. Tourism & Marketing

- (1) Expanding cross-strait and international flights:

From January to December 2019, Kaohsiung International Airport serviced an average of 35 air routes along with an average of 385 one-way flights per week, with a total of 6,102,956 passengers.

- (2) Participation in both domestic and international travel fairs as well as tourism promotional activities:

A. Promotional visits for the Kaohsiung’s themed tours were made to ten cities throughout Asia, including Singapore, Xiamen (China), Seoul and Busan (South Korea), Tokyo and Kumamoto (Japan), Hong Kong, Kuala Lumpur (Malaysia), Bangkok (Thailand) and Vung Tau (Vietnam).



日本熊本市電剪綵 三熊友達號彩繪2周年

- B. Participation in domestic travel fairs

Participated in the 2019 Kaohsiung Spring Travel Fair to augment the efforts being made in marketing and promoting the City’s tourism resources.



高雄國際春季旅展

- (3) Guided tour information systems

A. Utilized the Kaohsiung Travel website, with content available in Chinese, English, Japanese, Korean, Vietnamese and Thai to promote Greater Kaohsiung’s tourist attractions, historical sites, arts, fine food and culture, and provided the latest travel updates for domestic and international tourists.

B. Assigned designated persons to manage the Kaohsiung Travel website and Facebook page, as well as other social networking platforms to provide immediate updates and information on tours exploring Kaohsiung’s distinct characteristics. By the end of December 2019, there were more than 390,000 followers to our official

Facebook page. Numbers of followers on our official Weibo account neared 320,000, and our Instagram account was followed by 27,503 people.

(4) Producing tourism publications and promotional items:

A. Published the quarterly “Kaohsiung GO Tourist Passport” to provide regular updates on promotional information about Kaohsiung tourism, including promotional coupons from various stores. 50,000 copies of each issue were published.

B. Compiled and printed travel booklets or pamphlets, including Kaohsiung Travel Guide, LOHAS Kaohsiung Booklet for Independent Travelers, Kaohsiung Fun Travel (by Administrative Districts), Kaohsiung’s Spring Trip Booklet, Collection of Delicacies in Cishan, Gushan and Yancheng, Cultural and Green Travel in Fongshan, Niasong and Zuoying, the Lotus Pond map for roaming travelers, Two-day Light Trips, Sea-and-Air Travel Promotion Booklet, Kaohsiung Fun at a Discount – Exclusive for Cruise Travelers Booklet.

C. Compiled and printed in-depth travel guidebooks for the areas of Cishan, Neimen, Yancheng, Tianliao, Liouguei, Linyuan and Daliao.

(5) Subsidies for attracting or soliciting international tourists:

The City’s Tourism Bureau drafted the “Kaohsiung City Tourism Promotion Subsidy Regulations” – with a total of 33 programs approved in 2019.

(6) Establishing a tourist-friendly environment and positive image via the collaboration of the industry, government and academia sectors:

A. Pooled together resources and forces of local industries, government agencies, academic institutions and private organizations to provide visitor information services at important traffic hubs, including

HSR Zuoying Station, Kaohsiung Train Station and Kaohsiung International Airport to continue building a tourist-friendly environment and positive city image.

B. To expand the visitor service network, the Bureau cooperated with 7-Eleven and various specialty stores to launch the “i-Center Information Station” for convenient and friendly tourist services. The service is now available at 58 locations in 9 districts including Cishan, Meinong, Dashu, Dashe, Gangshan, Ciaotou, Zihguan, Yancheng, Cijin, Gushan, Zuoying, Cianjin, Niasong, Fongshan, Sanmin and Cieding.

C. The city’s Information Station Line account (LINE@) is an instant-response tourist support system providing intelligent visitor services. By December 2019 there were over 9,000 users subscribed.

2. Tourism Industry

(1) Guidance for and management of the tourism industry:

A. Guidance on the management of hotel businesses

The Bureau issued 11 hotel registration certificates with designated trade symbols and inspected the operational status of 384 legal hotels. The Bureau also identified 13 illegal hotels and checked 245 day-rental houses in 2019, totaling 642 premises.

B. Guidance on the administration of Bed & Breakfast locations

The Bureau issued 40 B&B registration certificates and conducted inspections on the operational status of 79 legally operating B&Bs, identifying 3 illegal B&Bs in 2019, totaling 82 premises.

C. 2019 marked the fourth consecutive year the City won the Outstanding Award for its performance in the municipality group of the “2019 Good Urban Accommodation – County/City Government Administration

Performance Evaluation Awards” by the Tourism Bureau, Ministry of Transportation and Communications.



108年城市好旅宿評比榮獲特優

D. Guidance on the legalization of hot spring facilities

Fourteen operators assisted in the completion of the review process and were granted permission for development. Currently, 11 have passed the slope review and are eligible to apply for a hotel registration certificate to begin legal operation once the land re-classification is process is completed and the building use permit (for hotel purposes) is obtained.

E. Baolai Hot Spring water obtaining and provision plan

“Baolai Area Hot Spring Fee Charging and Management Regulations of Kaohsiung City” has been promulgated, and 8 operators have now been approved to use spring water.

F. Bu Lao Hot Spring Water Obtaining & Provision Plan

The Bu Lao Hot Spring Water Obtaining & Provision Plan is awaiting certification from the Water Resources Bureau for completion of hot spring development, so that it may proceed to apply for an operating permit for obtaining and providing hot spring water. In addition, outsourcing procedures are underway for

the operation and management of the Bu Lao Hot Spring area.

(2) Promoting Muslim-friendly certification:

Currently, 12 hospitality operators have been issued “Muslim-friendly Tourism” (MFT) certificates; 8 restaurants have received “Muslim-friendly Restaurant” (MFR) certificates, with 4 given “Muslim Restaurant” (MR) certificates.



穆斯林踩線團訪旗津

(3) Guidance on the application for B&B registration:

To assist the city’s hospitality operators in the application for B&B registration, the City has promulgated the areas of cultural or historical value. From January to December 2019, a total of 38 legally registered B&Bs were set up within the urban planning areas of the city; of the 38, ten were located in areas of cultural or historical value, with the remaining 28 located in military dependents’ villages.

(4) Introducing tricycle food trucks in the riverside food market:

The Artfood Space market was held at Love River on December 28-29 2019, in front of the Kaohsiung Film Archive. A total of 200 feature food trucks and multiple DIY booths were introduced, and a map showing tricycle food trucks was published. The two-day event attracted more than 260,000 visitors. A regular market is planned to be held every Saturday and Sunday before June 30 2020, making Love River a leisurely romantic hotspot where

visitors and citizens alike can enjoy delicious cuisine.

3. Tourism Development

(1) 2019 Kaohsiung Lantern Festival:

The Kaohsiung Love River Lantern Festival was held on the water and along the riverbanks from February 9–20. The event attracted 4,099,626 people, bringing in an estimated NT\$4.55 billion of revenue.



愛河燈會金銀河吸引眾多人潮

(2) 2019 Neimen Song-Jiang Jhen Battle Array Festival:

Held at the Shun Xian Temple in Neimen from March 30 to April 7, the festival had more than 120,000 on-site participants and generated roughly NT\$217 million worth of economic benefits.

(3) 2019 Cijin Black Sand Play & Arts Festival:

The Festival, held from July 5–28 2019, has become an annual summer highlight of Kaohsiung. This year's festival was themed "Love Visiting Kaohsiung." Images like the cute-version Mayor Han, Snoopy, and Super Rookie Mark were also incorporated into the event, in addition to business alliances, accommodation discounts and improvements to the physical environment and software. The Festival attracted approximately 850,000 domestic and international visitors.



旗津黑沙玩藝節沙雕主題展

(4) Resplendent Kaohsiung October Celebration 2019:

A National Day flag raising ceremony was held at the Kaohsiung Exhibition Center on the morning of October 10, 2019. A large-scale outdoor concert took place from the afternoon until evening at Dashu Old Railroad Bridge, together with the National Day Fireworks Show. About 260,000 visitors attended the festivities.

(5) Promoting the three featured downtown travel routes:

The Tourism Bureau draws on placemaking efforts to construct a regional tourism development platform, and to promote three primary downtown travel routes.

A. Yixin route (Metropolitan Railway Tour)

A metropolitan tour with the light rail transit (LRT) as the core; the program included the issuance of a visitor pass for the LRT, promotion of the smart tourism APP, a tour of the low-carbon area of Lotus Pond in Zuoying, military sites in the Fongshan old city and more.

B. East route (Eastern Kaohsiung Slow Food Tour)

Aimed at creating the "Eastern Kaohsiung Slow Food Tour" brand for the 9 eastern districts of Kaohsiung, the program mainly included a slow food certification system for eastern Kaohsiung, guidance for restaurants, in-depth travel led by

homecoming youths who would share local stories while promoting diversified taxis and tourist taxi brands.

C. Central route (Landscape and Military Tour)

Linking Alien, Yanchao, Tianliao, and Gangshan districts, the tour includes world-class topography, badland ecology, culture and customs themes and military elements. A “landscape and military” tourism corridor was created, incorporating such famous attractions as the Siaogangshan Skywalk Park, Agongdian Reservoir, Gangshan Aviation Education Exhibition Hall as well as Ta-di Mountain and Moon World in Mituo. The themed travel route was announced, and a travel map was published.

D. Northern route (Ocean and Wave Tour)

In conjunction with the tourist attractions and fishing village experience in coastal districts like Yong-an, Cieding, Ziguan and Mituo along Provincial Highway No. 17, four feature travel paths were designed under the “Ocean and Wave Tour” theme. In-depth tour itineraries for the coastal route were offered, with 1,000 Ocean and Wave Tour advertisements printed and a promotional video produced. In addition, the “Ocean Tour Images” photography competition was held to allow more people to experience the ocean and cultural customs of Kaohsiung, and to capture the beauty of its fishing villages. These sites saw around 8,000 visitors during the activity period.

E. Results of promoting the three downtown travel routes

The Tourism Bureau has gone out to create feature tours allowing visitors to fully experience Kaohsiung. Around the main theme of regional tourism, the tourism brand “Three Downtown Travel Routes”

was heavily promoted. The official outcome presentation ceremony took place on December 26, 2019, at the Fongshan Administration Center where the commencement of the 2020 tourism year of the Kaohsiung region was formally announced.

(6) Promoting special local tour activities:

A. “Cycling in the Wind” bike tours

A large-scale cycling tour was held in each of Cishan-Meinong, Gangshan, and Fongshan Districts in October, November, and December respectively. Three main routes, namely “Cishan-Meinong Classic Village Club,” the “Riding to Gangshan Military Fun,” and “Looking Out on the Greater Fongshan from Fenghuang Hill” were launched, with around 2,000 people enrolled in the event during the activity period.

B. Light Up Hamasen – Reborn Rock N’ Roll Festival

Held in the Hamasen Railway Cultural Park on December 13–15 with a theme of “Transgenerational Prosperity – Light Up Hamasen.” Thirty-three bands or singers from 5 countries gave passionate performances. Around 50,000 visitors attended the festival, which helped boost occupancy rates of nearby hotels up to 90% or more.

(7) Promoting military tourism:

The military relic “Gushan Cave” was opened to public on May 3, 2019. By the end of December, some 13,785 visitors toured the site. Renovation of the nearby attraction “Shaoquantoushan Bunker” was also completed in October. Works will continue for the renovation of the Gushan Tunnels, making the area a unique military-themed tourism corridor. Military tourism maps for Gushan, Fongshan, Gangshan, and Zuoying are scheduled to be published in April 2020, while

navy and army tourist itineraries will be promoted simultaneously. Surrounding attractions and mass transit shuttles will also be connected for the promotion of this special military-themed tourist experience.

4. Tourism Projects

In 2019, the budget for all projects amounted to NT\$ 237,920,000, including NT\$127,710,000 in subsidies from the central government and NT\$110,210,000 grants from the city government.

(1) Jinshih Lake Scenic Area:

The 2018 Jinshih Lake Scenic Area renovation project included the improvement of the north-coast hiking trail in the park and worn-out restrooms, the overall enhancement of service quality, as well as the construction of the Butterfly Theater and interactive artistic facilities for the creation of a butterfly ecology park.

(2) Lotus Pond Scenic Area:

The 2018 Lotus Pond Scenic Area renovation project included the improvement of the sidewalks from Confucius Temple to the Spring & Autumn Pagodas and surrounding landscape, as well as the water-friendly coastal space. Safe spaces for pedestrians and vehicles were provided, and a friendly barrier-free environment was constructed.



107 年度蓮池潭風景區整建工程

(3) Shoushan Scenic Area:

- A. The 2018 Shoushan Scenic Area renovation project included the entrance of Changshou Road leading to the Shoushan Scenic Area, improvement of old public restrooms, a new hiking trail on Anhai Street, as well as the Shaochantou Bunker outlook platform.
- B. The “Love River Dancing Fountain” was created on the Love River bankside, and will become a nighttime musical and dancing-water highlight.



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(4) Siaogangshan Skywalk Park

The Agongdian parking lot and the peripheral environment project included the construction of a new parking lot and designated area for tourist shuttles to optimize visitor service facilities at the Siaogangshan scenic area.

(5) Chengcing Lake Scenic Area

The 2019 Chengcing Lake, Niaosong Wetland and surrounding environment renovation project included the renovation and widening of the Chengcing Lake footpath, Niaosong Wetland plank pathway renovation and facility improvement, the construction of a forest maze fun-tech area, as well as the reconstruction of Chengcing Lake Scenic Area facilities.

(6) Baolai Hot Spring area at Liouguei

In the Baolai Flower Park and Hot Springs construction project (Phase 3), a new SPA bath area and improvement to the existing footbath area were planned. Additionally, construction of new restrooms, bathrooms and changing rooms were planned.

(7) Additional tourist construction

A. As part of the greening and beautification project for Namasia Cherry Blossom Festival – Admiring Cherry Blossoms 2020, a cherry blossom park and flower appreciation footpath were developed.

B. For military relic tourism, the warfare relic air-raid shelter “Gushan Cave” was repaired and maintained in preparation for the development of military relic tourist attractions in Kaohsiung.

C. The Bureau has worked on the friendly Meinong Tourist Town environment improvement project to optimize the town’s tourism and recreational facilities. In addition, the Bureau has improved the Meinong Lake hydro-environment project, providing a comfortable environment for boat tours and developing sustainable eco-tourism.

5. Scenic Area Maintenance & Management

(1) Lotus Pond Scenic Area

A. The new contractor of the Lotus Pond Visitor Center, the President Chain Store Corporation, signed the contract on November 18, 2019, endeavoring to provide visitors with diversified tourist services.

B. Taiwan X Water Jump and PAMMA Coffee first introduced the blob jump activity and additional water floating games in Southern Taiwan. Coffee and light meals were provided along Lotus Pond, making it a diverse recreational water activity base.

C. Lotus Wake Park was the first cable water

ski park in Taiwan. The new contractor began operations on June 10, 2019.

(2) Jinshih Lake Scenic Area

Jinshih Lake Butterfly Park has the largest netted-enclosure butterfly space in Taiwan. Visitors can observe butterflies year-round in this ecological park. Winter and summer camps are scheduled irregularly, making it a welcomed field-trip destination for kindergartens, elementary and junior high schools. In addition, the 2019 Christmas Butterfly Carnival was held to promote the city’s eco-tourism.



流浪蝴蝶協卉手作體驗及市集活動

(3) Cijin

A. The Cijin Shell Museum has one of the largest shell collections in Asia, with more than 2,000 shells on display. Guided tours by volunteers are provided for the visitors. Starting from April 3, 2019, the museum has worked with the National Museum of Marine Biology & Aquarium in Pingtung to organize the “Coral Image” special exhibition, so as to promote marine ecology conservation.

B. Resources from the private sector were pooled together to create the Cijin Beach Bar, offering sightseeing activities, live performances, food services, and sports activities such as beach volleyball and beach soccer for citizens. From March to

October, the Cijin Full Moon Party was held on 6 occasions, attracting foreign visitors from various countries and livening up Cijin's tourism development.

- C. The Cijin Rhyme Campsite leasing project provides tourists with full camping services, promoting a new type of travel in Cijin.

(4) Love River

- A. The romantic Gondola tour was introduced with multiple vehicle options for touring Love River. Moreover, a discount package was provided by surrounding businesses to attract more visitors to experience Love River tourism.
- B. Activities such as the Love River picnic party and waterside carnival were held, leveraging the water, music, food, and love elements through different themes and events. Feature food trucks were introduced to the Love River area, and large artwork displays were installed. The Bureau has successfully promoted and marketed the beauty of Love River in Kaohsiung, and activated tourism in the surrounding areas.

Government's subsidy. Apart from regular management and maintenance of the wetland park, the Society was also dedicated to ecological restoration and promotion of environmental education by providing free guided tours.

(6) Siaogangshan Skywalk Park

Siaogangshan Skywalk Park overlooks the beautiful landscapes of Kaohsiung City. Nature and eco tours, as well as cultural tours were offered in collaboration with local associations. By publishing tourism maps, efforts were continually channeled to promote in-depth tourism of the Dagangshan area and its surrounding attractions.

(G) Baolai Flower Park and Hot Springs

Additional facilities were constructed including a SPA baths, bathrooms, changing rooms, restrooms and more. Bathing hours were extended until late evening. The park operates year-round with no holiday. A brand-new hot spring bathing experience with luxurious camping facilities was offered to create unique tourist resources for the Baolai area in Liouguei.

6. Operations and Management of Shoushan Zoo

- (1) Continued planning for marketing activities to attract visitors:

The number of visitors to Shoushan Zoo in 2019 was 660,658. The Tourism Bureau will continue to plan marketing and promotional activities and improve recreational facilities, so as to boost the number of visitors in the future.

- (2) Animal adoption program

A total of 479 citizens and 7 corporations took part in the animal adoption program in 2019, with funds totaling NT\$789,700. The fund was primarily used for strengthening management and medical care of captive animals, pen environment improvements and



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(5) Niaosong Wetland

The wetland was undertaken by the Kaohsiung Wild Bird Society under the City

population management technology. The City has thereby effectively strengthened the delivery of animal conservation information and promoted conservation concepts such as organism diversity, species habitats and more.

(3) Camping activities

To enhance school children's knowledge of wildlife animals and to foster the concepts of conservation, the Tourism Bureau hosted overnight camping activities for elementary students. Staff responsible for preparing animal feed were also responsible for introducing the animal food and preparation methods. Moreover, internal pens were open for the first time to children so that they may learn more about the living environment of animals. The goal of happy learning was achieved. In 2019, a total of 12 activities were held, with 392 school children participating.



壽山動物園系列營隊活動

(4) Zoo hours extended into the evening

During summer vacation from July to August, the zoo extended its opening hours every Saturday and Sunday to 8:00 pm, with various nighttime exhibitions and performances being planned and conducted. Performances were arranged to be held in the fountain plaza by four children theater groups in order to bring children into a novel animal world.



動物園暑期延長夜間展演活動

(5) Ecological education and promotion activities

In 2019, a monthly animal theme activity was implemented to match the monthly festival celebrations. A theme animal was selected for each month and an animal stamps booklet was issued to augment the educational function and interaction as the primary goal of the zoo's conservation activities. Rich local animal resources were also used to supplement the activity implementation. DIY activities making use of natural materials were also launched. These activities not only help boost the number of visitors, but also create a professional image of the zoo as playing its essential role in conservation education.

(6) Strengthened exchanges and cooperation with international and domestic zoos

Shou Shan Zoo actively conducted exchanges with other international and domestic zoos. It continued the conservation collaboration with Taipei Zoo in preserving rare species in Taiwan, and borrowed animals such as White Rhinoceros' and Meerkats for breeding, so as to increase the variety of species in the zoo. In addition, the zoo supported the Zoological Park Organization (ZPO), Thailand, in their conservation of large cats. Information on their conservation results has been shared with the city's zoo, which will be used for conservation education and furthering the exchange and future cooperation.

Protection of Historic Monuments and Buildings

1. Identification of Cultural Assets

In 2019, the Former Japanese Navy Guard Office (The Navy's Zhenhai Tower in Zuoying) and Hong Zong-Pei's Residence in Luzhu were registered as historic buildings. There were 50 historic monuments (7 at the national level), 54 historic buildings, 1 memorial building, 5 archaeological sites (2 at the national level), and 6 cultural landscapes, totaling 116 cultural assets in Kaohsiung City.

2. Cultural Assets Survey

In 2019, the following projects were completed: Investigation and Research Project for the Historical Features of Hamasen and Surrounding Areas; Investigation, Research, Restoration, and Reuse Project for the 5 Sections of Fengshan Old City Remains; Inner-City Tangible Cultural Assets Valuation, Investigation, and Research Project for the Old Fengshan City; Restoration and Reuse Project for the Horiechō Japanese Street House; Restoration and Reuse Project for the Yang Family Historical Residence; Restoration and Reuse Project for the Tamachi Saiba Funeral Hall; Investigation, Research, Restoration, and Reuse Project for the Syue Family Historical Residence in Buhou, Zuoying; Restoration and Reuse Project for the Old Fore of Caogong Canal; Phase 2 Investigation and Research Project for the Culture and History of Sugar Railway Ciwei Line; Restoration and Reuse Project for the Fengshan Tropical Horticultural Experiment Branch Office of the Agricultural Research Institute, Former Taiwan Governor General's Office; Road System Improvement Planning and Research Project for Areas Surrounding Fengshan Old City; Restoration and Reuse Project for the Former Arcaded Houses at 2nd Avenue of Yancheng-ting on Daren Road, Kaohsiung City; Fengshan Old City Reuse Project; and Preservation and

Maintenance Project and Supplementary Investigation Project for the Huangpu New Village in Fengshan.

3. Restoration of Cultural Assets

In 2019, the following projects were completed: Repair Works and Landscape Improvement Project for Buildings B and C in Xing Village of the Gangshan Air Force Officer Dependents' Housing; Phase 2 Restoration Project for the Cultural Landscape Jianye New Village of the Zuoying Navy Officer Dependents' Housing; Contingency Plan Project for the Huangpu New Village Officer Dependents' Housing in Fengshan; Emergency Reinforcement Project for the North Chimney of the Tang Rong Brick Kiln in Zhongdu; Fengshan Longshan Temple Management, Maintenance, and Repair Works Project; Planning and Design Project for the Arcaded Red-brick Houses at 1st Avenue of Shinhamachō; and Restoration Project for the Kaohsiung Museum of History after Typhoons Meranti and Megi. The city government has been working hard to preserve many cultural assets.

4. Revitalization of Cultural Assets

(1) The British Consulate at Takow

Guided tours, a tea house selling food and drinks, and a souvenir shop selling cultural and creative commodities are available at the Consulate. In 2019, a total of 433,516 visitors toured the Consulate.



Fongyi Academay

(2) Fongyi Academy

The Academy offers diversified services, including cultural and historical exhibitions, sacrificial ceremony at the Wenchang Temple, a tea house, creative and recreational commodities. In 2019, a total of 137,868 visitors toured the Academy.

(3) Cishan Station

The Station area exhibits the sugar railway history of Taiwan, provides food and drink service, and sells creative and cultural commodities. In 2019, it welcomed a total of 72,908 visitors.

(4) Wude Martial Arts Center

The Center organizes cultural exhibitions and performances, provides guided tours, and sells creative and cultural commodities. In 2019, a total of 15,560 visitors called on the Center.

(5) Former Japanese Navy Mingde Disciplinary Camp

The Camp space is open to the public on holidays and guided tours are provided. In 2019, a total of 20,628 visitors toured the Camp.

(6) Former Dinglingzhibian Police Station

The Station space exhibits the culture, history, industries, and daily life of Linyuan. In 2019, a total of 11,090 visitors toured the Station.

(7) Takow Railway Museum

The Takao Railway Museum preserves related railway literature, station, platforms, and railroad tracks of the old Kaohsiung Port Station and exhibits CT259 and DT609, two of the most representative steam locomotives used during the Taiwan Under Japanese Rule Period. Recently, two locomotives and one hopper car “retired” by the Taiwan Power Company have been added to the museum and are displayed in its outdoor park space. In 2019, the Museum welcomed a total of 50,025 visitors.

(8) Taiwan Pineapple Museum

The Museum exhibits the local cultural features, Taiwan’s pineapple and canned food history, and provides guided tours, food and drink service, and sells creative and cultural commodities. In 2019, the Museum attracted a total of 51,171 visitors.

5. Marketing and Promotion of Cultural Assets

(1) Publishing the books *Zuoying Story* and 《從淺野到臺泥：臺灣第一的水泥廠》(From Asano to Taiwan Cement: Taiwan’s First Cement Plant), and revising the book 《歷史的左營腳步—從舊城考古談起》(Zuoying’s Footprints in History - From the Archaeology of the Old City)

(2) Operating the Hamasen, Old City, and Fongshan Cultural Tour Buses

Making the cultural tour buses the sightseeing transportation tool of Kaohsiung City. By 2019, the buses had served a total of 663,690 passengers.

(3) Organizing Military Dependents Village Carnival series of activities, such as the 2019 Kaohsiung Military Dependents’ Villages Festival, the 2019 National Historic Monuments Day, the Old City and Hamasen Hiking Promotion Project, and the Banpingshan Foothill Military Cultural Tour, etc.

(4) Taiwan Pineapple Museum holds the regular Magical Journey of Pineapple Leaf Fiber Paper DIY activity on the second and fourth Saturdays each month.

(5) The British Consulate at Takao organized the Gushan Elementary School’s educational project, the 3rd Family Sketching Competition, and the Hamasen Cultural Education and Experience Program, etc.

(6) Cishan Station held the 2019 Spring Industry Cultural Promotion Program, cultural guided tours, and handmade cane paper DIY train ticket activity, etc. to promote the sugar railway culture.

V. Agricultural and Fishery Development

Agricultural Development

There are 47,619 hectares of arable land in Kaohsiung City (accounting for 16% of the total land area of the City), with a gross output value in agriculture and animal husbandry of approximately NT\$25,585,270,000, a total of 70,036 farm households, and a farmer population of 249,240. In terms of agriculture, the gross output value is NT\$16,251,120,000. Vegetables, fruit and rice are among the main agricultural products of Kaohsiung City, which makes the city an important production region of fruit and vegetables in Taiwan. Its rice production areas include Meinong, Daliao, Qiaotou, Linyuan and Gangshan Districts. Its tropical fruits, especially guavas, jujubes, and litchis (Yu Her Pau), have the greatest annual outputs in Taiwan. The outputs of other fruits, including pineapples, papayas, longans, bananas, wax apples, and Jinhuang mangos, are also abundant, making Kaohsiung the city of fruit in Taiwan. In terms of animal husbandry, the gross output value is NT\$ 9,334,150,000. This comprises NT\$3,844,530,000 from pork, NT\$ 4,007,020,000 from poultry, NT\$632,890,000 from cow's milk, and NT\$849,710,000 from other animals and related products. In addition, there are a total of 1,173 livestock farms and feedlots in the city, farming 297,817 hogs, 7,578 cattle, 14,804 goats, 1,069 deer, 5,452,238 chickens, 171,069 ducks, and 51,929 geese.

1. Rural Development

(1) Promotion of rural regeneration and leisure agriculture

- A. The approval of rural regeneration programs was completed for communities including Neidong in Neimen District, Guting in Tianliao District, Dakeng in Dashu District, and Dajin in Liugui District, receiving NT\$39,290,000 for rural construction, overall

environmental improvement, ecological conservation, industrial revitalization, and cultural preservation.

- B. A total of 132 hours of rural regeneration empowerment program training courses were given in communities including Neinan in Neimen District, Yonghua and Weixin in Yong'an District, Baolong in Jiaxian District, Shi'an and Fengshan in Alian District, Galafeng in Taoyuan District, Dashan and Guangfu in Qishan District, and Kunniuahu in Yanchao District. The courses were aimed at cultivating local manpower and assisting in leading community development.
- C. Coaching was given to Director Zhang Qi of Datian Community in Jiaxian District, Chief Executive Li Wan-Ling of the Shezijiao Cultural Shared Space in Liugui District, Director Su Guo-Zhen of Xingang Community in Yong'an District, and Director Xie Kun-Song of the Dashu Agricultural Leisure Area, assisting the four people to be selected for the Rural Pioneer Award by the Soil and Water Conservation Bureau (SWCB), Council of Agriculture, Executive Yuan for the Rural Pioneer Award.



Rural Pioneer Award presentation ceremony

- D. Coaching was given to Dashu and Meinong Agricultural Leisure Areas, which won the “Exemplary Award” and “Best Progress

Award” respectively of the Council of Agriculture (COA) of the Executive Yuan; the City Government was also honored as “Outstanding Counseling Agency.”

(2) Maintenance and improvement of farm roads:

A budget of NT\$54 million was allocated for the farm road maintenance program in 2019, maintaining public agricultural transportation roads outside the agricultural land consolidation zones in Kaohsiung City. In sum, a total of 54 projects were implemented, which covered the Greater Qishan-Meinong area, the Greater Gangshan area, and the coastal area.

2. Farmer Services

(1) Fostering young farmers to enhance soft power in agriculture



Young new farmers visit the Netherlands

To encourage young farmers to return to their hometowns, the Agriculture Bureau organized farmers training courses, farmers league

marketing promotions, and the compilation and promotion of the Empower Agriculture magazine. It endeavored to reinforce Kaohsiung’s agricultural development direction and the industrial upgrading in agriculture, establish and cultivate benchmark cases of the six-grade industry, inspire young farmers’ potential and enthusiasm, and promote local agricultural product brands, to extend the innovative cooperation potential of agriculture in the Kaohsiung region.

(2) Providing guidance to farmers’ organizations to ensure farmers’ rights

Guidance was provided to 27 farmers’ associations, 127 agricultural cooperatives, and 411 agricultural production and marketing groups in Kaohsiung City to improve their abilities in general affairs management, promotion, marketing, and organizational reengineering. Assistance was given to farmers’ organizations for organizational improvement and transformational operation, strengthening their agricultural competitive advantages to fully ensure farmers’ rights.

(3) Emphasizing farmers’ welfare to build a sound agricultural insurance system

The budget for agricultural insurance and welfare allowances for elderly farmers totaled NT\$1,287,768,000. Also, the review of various agricultural and health insurance was conducted in accordance with the “Evaluation Standards and Eligibility Examination Regarding Farmers’ Application for Farmer Health Insurance” to ensure appropriate usage of farmers’ welfare resources in Kaohsiung.

(4) Developing the agricultural manpower platform to solve the problem of farm labor shortage

Aiming to solve the shortage of farm labor by mobilizing the labor force of students in the colleges near rural villages, the “Real-time Agricultural Manpower Demand Platform” was developed. It publishes relevant information

via a Line@ account to build a database of human resources for agriculture. So far, about 6,228 students and farmers have joined the platform, relieving the seasonal and temporary farm laborer shortages by quickly matching farmers and labor forces through mobile phones.

3. Guidance on the Marketing of Agricultural Products

- (1) Provided guidance to farmer organizations on the cooperative marketing of fruit and vegetables; 21,236 tonnes of fruit and 45,158 tonnes of vegetables were distributed respectively.
- (2) Applied for subsidies for farmers' groups to purchase labor-saving equipment, including electric pallet trucks, weight sorting machine for fruit and vegetables, and automatic packers, with a total amount of NT\$36,140,241.
- (3) Assisted five district farmers' associations, including Yanchao, Dashe, Dashu, Alian and Meinong Districts, with a total of seven quality agricultural products selected into the 2020-2021 Top 100 Premium Agricultural Products of Farmers' and Fishermen's Associations in Taiwan.
- (4) Administered agricultural product procurement and processing plans, purchasing 264,437 kilograms of pineapples, 399,782 kilograms of guavas, and 69,508 kilograms of lemons, to avoid the production and sales imbalance of agricultural products.
- (5) Improving the processing and packaging design of agricultural products
 - A. Processing factories in the City were teamed up with the Daliao District Farmers' Association to produce canned red beans from local crops; processing factories were brokered to procure onions from Linyuan District and cauliflowers and broccolis from Luzhu District for processing, extending the shelf life of agricultural

products.

- B. Assisted in the development of the Aiyu Jelly Handy Pack from Jiaxian Farmers' Association, the Badlands Hardy Banana Bag from Neimen Farmers' Association, the Honey Jujube Gift Box from Dashe Farmers' Association, the Honey Jujube Gift Box from Yanchao Farmers' Association, the Sherry Jujube Gift Box from the Yutai Co-op, the instant canned red bean from Daliao Farmers' Association, and Fengnong Rice Gift Box from Fengshan Farmers' Association, thus enhancing agricultural product images.



Sherry Jujube Gift Box, upgrading agricultural products to a high-class level

- (6) Organized “Halal Industry Basics and Quality Assurance Training” to coach fifteen agricultural products of the City to obtain halal certification, engaging in the halal food market.
- (7) Organized three exhibition and sales events for the “2019 Kaohsiung Dagangshan Longan Honey Culture Festival” to promote the beekeeping industry.
- (8) Launched “The Best of Kaohsiung E-commerce Platform” to have a share in the e-commerce market with agricultural specialties.
- (9) Organized Mini-farming food education and

rural cultural experience events at the Kaohsiung Products Store at Lotus Pond, building a green and healthy agricultural experience park. In 2019, the turnover reached NT\$22.64 million, and the accumulated turnover amounted to NT\$151.86 million.

- (10) Promoting Kaohsiung's local ingredients
 - A. To promote local ingredient projects, seven My Way cooking classes were organized; 45 sessions of food and farming education were held in cooperation with six elementary schools and three kindergartens in the City, to facilitate the training of farming teachers.
 - B. Forty-five "green-friendly restaurants" were brokered to sign procurement contracts with organic and safe fruit and vegetable farmers in the City, promoting the use of local ingredients.
 - C. The "In-season Market," which combines eateries with eco-friendly farming, was organized at the MLD Plaza and the Lotus Pond Kaohsiung Products Store, attracting about 20,000 visitors; the "Kaohsiung Earth Kitchen Campaign" was held in Maolin District in November and Shanlin District in December to promote local ingredients, encouraging people to go to the countryside. The events attracted a total of 120 participants.
- (11) International marketing
 - A. Provided guidance on the export of a total of 10,586 tonnes of fruit and vegetables, with 6,140 tonnes of pineapples and 1,744 tonnes of guavas forming the majority. Other fruits included 1,429 tonnes of bananas, 678 tonnes of wax apples, 204 tonnes of Jinhuang mangos, 115 tonnes of jujubes, 63 tonnes of papayas, 47 tonnes of litchis, and 166 tonnes of other fruits; these exports were primarily to China, Japan, Canada, Singapore, Malaysia, Hong Kong and Macao.



The City's agricultural products on overseas supermarket shelves

- B. Provided guidance on the export of a total of 1,780,000 flamingo flowers, mainly to Japan, China, and Hong Kong.
 - C. Visited Singapore, Malaysia and Canada to promote agricultural products, signing contracts with local supermarkets to expand export channels.
 - D. Participated in "FOODEX JAPAN 2019," creating an output value of NT\$ 136,500,000.
 - E. Participated in the 13th Asia Fruit Logistica, garnering purchase orders of nearly NT\$10 million on its first attendance.
 - F. Participated in the 4th Taiwan International Fruit and Vegetable Show, brokering purchase orders worth NT\$11.15 million.
- (12) Participated in "Taipei International Food Show" and "Kaohsiung International Food Show 2019" and brokered purchase orders worth NT\$12 million and NT\$5.21 million respectively.

4. Wholesale Markets

- (1) Provided guidance to wholesale markets of fruit, vegetables and flowers to achieve an annual transaction volume of 252,908 tonnes of vegetables and fruit (163,917 tonnes of vegetables and 88,991 tonnes of fruit) in 2019, as well as 9,847,543 bouquets of cut flowers and 983,901 pots of potted flowers.

- (2) Provided guidance to wholesale markets of livestock and poultry to achieve an annual transaction volume of 974,117 hogs, 9,633,580 chickens, 3,527,480 ducks, and 50,119 geese in 2019. In total, 703,950 hogs, 4,229 cattle, and 1,029 goats were butchered.
- (3) Supervised wholesale markets to reinforce the examination of “pesticide residues in fruit and vegetables” and completed 32,989 cases of inspection; non-complying suppliers of fruit and vegetables were continuously monitored.
- (4) Administrated the “rolling warehouse” measure in cooperation with the Agriculture and Food Agency (AFA), and guided the Ziguan Farmers’ Association in coordination with the AFA to implement the rolling warehouse program, so that centralized allocation can be made by the central government to stabilize supply and demand.
- (5) To alleviate local traffic congestion and improve the quality of the living environment, the Agriculture Bureau continued to enforce the expansion of the Sanmin Fruit and Vegetable Wholesale Market and the consolidation of the Sanmin Meat Wholesale Market; to facilitate the KMRT Luzhu extension line construction project, the relocation plan for the Gangshan Fruit and Vegetable Wholesale Market was implemented.
- (6) To improve the hardware/software and environmental facilities of wholesale markets, a number of projects were implemented in 2019, including the surface repair of public passages at the Fengshan Fruit and Vegetable Wholesale Market, the addition of cold storage facilities at the Luzhu Fruit and Vegetable Wholesale Market, the improvement of trading facilities and venues at the Fengshan Poultry Wholesale Market, and the site and facility improvement, replacement and repair at the Gangshan Meat Wholesale Market.



The mayor visiting a wholesale market

5. Agricultural Production

- (1) Revitalizing agricultural lands to enhance land utilization

With the promotion of the “Green Environmental Payment on Land” program, 2,544 hectares of fallow land in Kaohsiung were used to grow local specialties or switched to contract farming under guidance of the Agriculture Bureau in 2019. In addition, 60 hectares of flowers were planted in Meinong District and Shanlin District during the Chinese New Year holiday, successfully attracting tourists and increasing the revenues of local leisure industries and agricultural product sales.



Sea of Flowers in Meinong District during winter season

- (2) Assisting in organic production and implementing source management

Follow-ups and spot-checks of certified organic farmers were reinforced, completing field sample test for 69 organic agricultural

products, and 25 sample tests for heavy metals in agricultural products in 2019. This was to ensure the safety of organic agricultural products and to effectively implement source management of agricultural production.

(3) Protecting high-quality farmland resources and establishing Special Agricultural Zone

The Meinong Farmers' Association was assisted to develop a 1,400-hectare grain and vegetable zone. The Special Agricultural Zone can serve as a safe production base for core industries. By expanding the operational scale and adjusting the manpower structure, it integrates different fields and creates value-added benefits from creative industries and brand marketing.

(4) Promoting and marketing local high-quality rice

The "Ri-pin Organic Rice," which is produced in Daliao District, was coached to attend the 2019 Fine Rice Awards competition and won the second place in the organic rice group, increasing the benefits of farmers in the special zone.

(5) Implementing natural disaster investigations, reports, and relief aid to reduce farmers' losses

A. Administered cash assistance to those affected by drought from January to February, a total of 4,366 households in the City were approved, with an area of 2,123 hectares and a total of NT\$169,138,000.

B. Administered cash assistance to those affected by the May-17 Heavy Rain, a total of 1,578 households in the City were approved, with an area of 738 hectares and a total of NT\$15,229,000.

C. Administered cash assistance to those affected by the July-2 Heavy Rain, a total of 69 households in the City were approved, with an area of 293 hectares and a total of NT\$19,979,000.

D. Administered cash assistance to those affected by the August-12 Heavy Rain, a

total of 1,204 households in the City were approved, with an area of 491 hectares and a total of NT\$27,550,000.

E. Administered cash assistance to those affected by Typhoon Bailu, a total of 38 households in the City were approved, with an area of 12 hectares and a total of NT\$ 523,000.

(6) Conducting food and agriculture survey to establish complete agricultural production data

A. In terms of agricultural operations, three crops were planted – winter crop, first crop, and second crop; surveys of agricultural cropping areas were conducted with a total of 4,632 items, and surveys of crop production was conducted with a total of 4,425 items.

B. The crop production forecast was conducted monthly, completing forecasts for 400 agricultural items including bananas throughout the year.

C. Honored with first place in the first group by the Council of Agriculture's evaluation on "the 2018 Municipality and County/City Agricultural Survey in the Agricultural Category".

(7) Integrating agricultural land use management:

A. Review and approval for the establishment of agricultural facilities on agricultural lands: 217 cases.

B. Review and approval for changes in farmland use: 102 cases.

C. Review of eligibility for farmhouse construction on farmlands: 18 cases.

D. Auditing of estate tax and gift tax exemption requirements on the five-year restriction for farmland use: 70 cases.

E. Penalizing the illegal use of farmlands for non-farming purposes: 593 cases.

F. Review and approval of land use certificates for farmlands: 4,376 cases.

6. Livestock Management

- (1) Registration and management of livestock farms

1,173 livestock farms and feedlots were assisted in completing their registrations.

- (2) Guidance and management of livestock and poultry slaughterhouses

A. Administered patrol and inspected a total of 117 places suspected of illegal slaughtering. The Agriculture Bureau jointly reported five illegal poultry slaughtering cases with the Bureau of Animal and Plant Health Inspection and Quarantine of the Council of Agriculture.

B. Promoted legal slaughtering of livestock and poultry and educated about the inspection mark on meats that meet the hygiene standard.

- (3) Conducting livestock and poultry production and assistance

A. Assisted animal farms in the City in obtaining the TAP certificates for poultry or livestock by organizing thirteen guidance sessions, promoting the quality and image of animal husbandry in Kaohsiung.

B. Assisted various farmers' associations in applying for co-operative pig marketing and livestock insurance with outstanding outcomes. The Agriculture Bureau was ranked first in Group A of livestock insurance operation among the municipal and city/county governments.

C. Assisted dairy farmers and deer-raisers in improving productivity. The Kaohsiung City Government has been awarded the New Tons Award in the Prolific Ten Tons Cow Award & Elite Cow Award.

- (4) Pollution prevention in livestock farms

Subsidized 74 livestock farms for purchasing or renewing pollution prevention equipment and guided 105 livestock farms to reduce odor and improve wastewater processing facilities.

- (5) Promotion of and assistance in livestock products

Assisted in marketing “The Best of Kaohsiung” and various high-quality livestock and poultry products; organized 12 sessions of promotion and integrated marketing events for “The Best of Kaohsiung” livestock products and food-agriculture experiencing activities using the “learning through entertainment” method. The Bureau also assisted the City’s animal husbandry organizations in holding 35 sessions of high-quality livestock and poultry products promotion events and DIY activities in conjunction with related occasions.



Kaohsiung Good Livestock, BBQ Monster Pig

7. Control of Plant Diseases and Ecological Conservation

- (1) Establishment of a crop disease control network

A. Implemented integrative pest disease control and monitoring measures on important fruit trees and vegetable crops for an area of 1,262 hectares.

B. Administered cooperative chemical control of *Tessaratomya papillosa* Drury and reward for egg-covered leaf collection, and commissioned Miaoli District Agricultural Research and Extension Station to release 840,000 *Anastatus japonicus* (*Anastatus*

sp.), the natural enemy of *Tessarotoma papillosa* Drury.

- C. Promoted technical service team and plant doctor training programs for important crops, hiring two intern plant doctors to assist in diagnosing 349 cases, and giving guidance to an area of 146.97 hectares.

(2) Promotion of healthy and safe agriculture

- A. Assisted 3,841 farmers to pass the TAP (Traceable Agricultural Product) certification (an area of 1,458 hectares, 1,531 farm households) and obtain Taiwan Agricultural Products Production Traceability QR Codes.
- B. Assisted Alian District Farmers' Association, Yanchao Qinglong Vegetables and Fruits Marketing Cooperative, California Farm Cooperative Society, Hefeng Agricultural Products Marketing Cooperative, and Fangjing Cooperative in obtaining Global G.A.P. Certification.
- C. Clamped down on illegal pesticides and sample tested 75 pesticides on the market.
- D. Conducted sample tests for pesticide residues on 1,638 agricultural products and school lunch ingredients and organized 57 sessions promoting the safe use of pesticides.

(3) Ecological maintenance and management

- A. Sustainable utilization and promotion of biodiversity
 - a. Subsidized the organizing of a series of activities for the purple butterfly festival in Maolin.
 - b. Organized promotion of grass owl conservation on campuses; surveyed black-faced Spoonbills at Qiding Wetland and Yongan Wetland, and migrating raptors at Fengshan Hills.
 - c. Investigated and removed 67 exotic frogs, 1,046 green iguanas, 35 zebra doves, and 17,120 kilograms of white leadtree (about 10 hectares).

B. Implementation of the Satoyama Initiative

Conducted a basic ecological survey in Meinong District, and guided farmers in ecological observation and environmental construction to obtain the Green Conservation label. Ten farm households were awarded the label.

C. Conservation of wetlands of national importance and maintenance and management of natural reserves

- a. Implementation of basic survey and management of the Nanzixian River Wildlife Refuge and wetlands of national importance.
- b. Management and resource survey of the Wushanding Mud Volcano Nature Reserve.
- c. Monitoring the ecological environment of the Zhuokou River and the Dakus Second River; patrolling and protection of the Zhuokou River in Maolin District.

D. Promotion of national green network and geopark

Organized a series of activities such as summer camps, landscape tours and trail maintenance working holidays, as well as tour guide trainings and holiday guided tours.



A series of geopark activities

- E. Conservation of wildlife
- a. The joint implementation team carried out inspections on 14 cases in breach of the Wildlife Conservation Act, and inspections on eight registered feeders of protected wildlife species (140 animals).
 - b. Completed sheltering and caring for 72 protected wildlife animals, and injury first aid for 188; released 36 back into the wild.
 - c. Promoted the Macaque Three Nos Policy (no contact, no feeding, no disturbance), and provided guidance for setting up electrical fences in ten cases.
- (4) Conservation of protected trees and special memorial trees, Shenshui tree nursery management, and tree planting activities
- A. Listed 8 protected tree species to be put under supervision.
 - B. Listed 566 special memorial trees in Kaohsiung City to be put under supervision.
 - C. Managed the Shenshui Tree Nursery and distributed 45,721 tree seedlings.
 - D. Distributed 22,800 tree seedlings on Arbor Day.
- (5) Catching bees and trapping snakes
- Collected 632 snakes trapped by all fire brigades, and removed bees and bee nests 3,299 times.
- b. The Yanchao Animal Shelter, the first animal shelter in Taiwan to prioritize humane animal rescue, started operations in 2016 and has significantly improved animal welfare and adoption rates. To provide more diverse services, the shelter gained the accreditation of the Environmental Protection Administration (EPA) in November 2019 and became the first environmental education venue that specializes in stray animals in Taiwan.
- B. Promotion of dog and cat sterilization and related education campaign
- a. Sterilized dogs and cats in public animal shelters, arranged tours of free sterilization service, and actively promoted dog and cat sterilization by providing subsidies to individuals and animal protection groups. In total, 11,501 dogs and cats were sterilized.
 - b. Hosted or co-hosted 147 events, which were attended by 24,565 people.
 - c. Coordinated across departments to promote campus dog (16 dogs in seven schools) and firehouse dog programs, and cooperated with private organizations to encourage adoption (21 adoption sessions, and 16 stores showcasing dogs available for adoption; a total of 189 dogs were adopted).

8. Animal Protections and Animal Disease Control

- (1) Animal protection
- A. Capture and adoption of stray dogs and cats
 - a. Accepted a total of 11,543 related application cases, including 4,735 captures and 613 abandoned or found dogs and cats. Public animal shelters accommodated 6,241 dogs and cats, of which 3,651 were adopted. The adoption rate was 58.5%.



The 2019 Howling Dogs Music Festival / Yanchao Animal Shelter

C. Animal protection inspections

Accepted 1,673 reported cases from the public; issued 35 administrative injunctions to cases related to dog abandonments, placement of animal traps, and pet registration.

D. Pet registration and management of pet businesses

- a. A total of 27,186 pets were newly registered.
- b. Accepted 63 license applications from specific pet-related businesses. A total of 311 licensed businesses are operating in Kaohsiung City. Inspection of pet businesses was conducted 7,157 times.

(2) Control of animal diseases

A. Testing, identification, treatment, and disease control counseling for animal diseases. Examination and diagnosis were conducted on 4,647 aquaculture and livestock samples.

B. Disease control in even-toed ungulates

Since the end of foot-and-mouth disease vaccination in Taiwan in August 2018, the condition in Kaohsiung City has been fine. From August 2018 to date, measures were taken actively to block African Swine Fever (ASF) from entering the border. In January 2019, the City conducted an ASF epidemic prevention drill; it joined the national scenario planning and exercise on the ASF epidemic prevention in December.

C. Eliminated tuberculosis and brucellosis which are communicable between humans and animals

A total of 10,405 cattle, sheep, and deer were tested for tuberculosis, and 2,358 cattle and sheep were tested for brucellosis. All results were negative.

D. Established an alert mechanism for animal diseases and conducted 9,714 cases of sampling and serum antibody tests for

swine fever, foot-and-mouth disease, and avian influenza.



A pig farm steps up disinfection to reinforce epidemic prevention

E. Prevention and control of rabies:

Continued the vaccination tour around districts with confirmed ferret-badger rabies cases to establish a rabies prevention defense line covering mountainous areas and coastlines, and reinforced monitoring and prevention campaign. In 2019, 91,619 dogs and cats were vaccinated, 46 imported dogs and cats were tracked and quarantined, and 174 rabies prevention events were held.

F. Spot checked the labels, instruction sheets, and quality of commercially available animal medicines to ensure the safety of animal medicines and protect the rights of legitimate businesses; organized 14 educational events and conducted 6 factory inspections for GMP compliance.

G. Monitored drug residues in animal products and provided guidance for improvement. A total of 307 samples were inspected and 6 administrative injunctions were issued.

Maritime Development

1. Fishery Construction and Renovation

Implementing renovation of fishing ports

and landscape reconstruction enables Kaohsiung City to embrace 16 fishing ports in Cianjhen Fishing Port, Marine Bureau has continually implemented the construction and maintenance of fishing port facilities, the harbor dredging works, beautifying works of landscaping and greening construction, which amounts to 24 construction works from February to December, 2019. The total expenditure of these works is NTD 1,123.06 million, of which NTD 322.44 million comes from central government's grants and subsidies, while the rest of NTD1445.50 million is from the city government's fundraising. These construction works are listed as follows:

- (1) Construction Works of Gangshan Fish Market
- (2) Environmental Improvement, Design and Supervision Works of Jhongyun Rectification Site and Port Area
- (3) Improvement Works of Fish Farm Ditch and Levee Road in Yongan Fish Farming Production Area
- (4) Impact Evaluation of Adjacent Coastal Terrain for East Breakwater Extension in Jhongyun Fishing Port (Phase II)
- (5) Construction Works of Old Dock Area, Coastal Light Gallery and Promenade Facilities in Mituo Fishing Port
- (6) Environmental Improvement Works of Jhongyun Rectification Site and Port Area
- (7) Protection and Landscape Reconstruction Works of Levee Revetment in Eh-Tsu-Liau Fishing Port
- (8) Landscape Reconstruction Works of Eh-Tsu-Liau Fishing Port
- (9) Construction Works of Waterfront Environment and Promenade Facilities in Singda Fishing Port (Phase II)
- (10) Drainage and Landscape Construction of Chungjion Fishing Port
- (11) Landscape Reconstruction Plan of Xiaogang Linha Village Fishing Port
- (12) Drainage Works of Harbor Basin of Singda Fishing Harbor in Kaohsiung City
- (13) Relocation, Design and Supervision Plan of Restrooms in Fish Unloading Area for Exporting Fishery Products to EU in West Coast of Cianjhen Fishing Port
- (14) Design Plan of Aquaculture Water Supply Facilities in Mituo Fishing Port
- (15) Support Plan of Weighing Facilities in Singda Fishing Port
- (16) Construction Works of Aquaculture Water Supply Facilities in Mituo Fishing Port (Design is not included)
- (17) Improvement Works of Observation Platform in Linyuan Jhongyun Fishing Port (Design and supervision are not included)
- (18) Heightening Works of Gutter Drainage Wall in Mituo Aquaculture Area
- (19) Landscape Construction Works of Eh-Tsu-Liau Marine Products Direct Sales Center
- (20) Announcement of Agricultural Road Construction in Aquaculture Area
- (21) Improvement Works of Shelves and Freezing Facilities in Mituo Fishing Port
- (22) Pavement Improvement and Coastal Power Expansion Works in Cianjhen Fishing Harbor
- (23) Dredging Works of Road Drainage System in Kaohsiung Aquaculture Development Area
- (24) Dredging, Design and Supervision Construction of Berth Area in Singda Fishing Port
- (25) Installation Works of Solar Photovoltaic System for Public Premises in Singda Fishing Port, Xiaogang Linha Village Fishing Port and Gangshan Fish Market

2. Protecting marine environment and promoting marine education

- (1) Organizing professional training programs for marine pollution prevention to recruit and

train hundreds of trainees from the industrial, governmental and academic sectors in all cities and countries

- (2) Establishing “Kaohsiung Joint Protection and Prevention System” for Marine Pollution Prevention to reinforce mutual communications among agencies in charge of marine pollution prevention; relevant authorities would be responsible for auditing marine pollution in their own jurisdictions and combining resources from the private sectors to improve the effects of marine pollution prevention.
- (3) Publishing the journal of Marine Kaohsiung
- (4) Carrying out marine environment monitoring, sampling and inspection programs at 36 monitoring spots for 4 quarters in the whole year; implementing inspection on marine hydrology, sea water quality, bottom materials and marine ecology, respectively, on a quarterly basis.
- (5) Counselling non-government organizations to release fingerling of yellowfin sea bream, black seabream, mullet, snubnose pompano, saddle-tailed sea-perch, etc, which amounts to more than 3,979,000 pieces.
- (6) Organizing one drill of marine pollution response with Marine Pollution Prevention Team of Kaohsiung City.
- (7) Implementing 30 sessions of marine environmental education on campus to help school- age children in the city to understand the importance of marine ecology and resource conservation.
- (8) Assisting one drill for “2019 Tsunami Disaster Military Simulation”
- (9) Taking charge of city’s management works to solidify and strengthen coastal management policy and implement costal management of Kaohsiung City.
- (10) Implementing 10 ocean cleanup activities and 16 marine enviromental education activities.

3. Promoting value-added fisheries and boosting its marketing sales

- (1) Handling the assessments of Fishery Production and Marketing Groups

A total of 33 Production and Marketing Groups is in Kaohsiung City. Conforming to “Agricultural Production and Marketing Group Establishment and Counseling Methods,” Marine Bureau and Fisheries Research Institute, COA conducted the joint assessments of 12 Production and Marketing Groups, completing the relevant review and evaluations from June 4th to 5th, 2019.
- (2) Handling “Monitoring Plan of the Origin of Unlaunched Marine Products”
 - A. In order to ensure the quality of marine products and enhance the competitiveness of marine products, Marine Bureau specifically cooperated with the central government to carry out monitoring on the origin of unlaunched marine products in Kaohsiung City. The inspection items included drug residues, heavy metals and pesticides.
 - B. In 2019, the number of product sampling tests was 374, and the total number of the sampling was 375. The sampled marine products were sent to a certain unit designated by Fisheries Agency, Council of Agriculture for inspection.
- (3) Handling “Enhancement of Production and Marketing Traceability and Verification of Marine Product Counseling Management”
 - A. Counseling marine aquaculturists in Kaohsiung City to cultivate marine products and obtain “Production and Marketing Traceability,” which was promoted by Council of Agriculture, Executive Yuan. The number of aquaculturists had increased 5.
 - B. Counseling marine aquaculturists with processing goods in Kaohsiung City to register in the system of Traceability codes,

which were promoted by Council of Agriculture, Executive Yuan for marine products. The number of aquaculturists had increased 17.

In 2019, Marine Bureau and Taiwan Aquaculture Fisheries Development Foundation inspected excellent marine products and organic marine products (algae) sold in Kaohsiung City's markets and stores.

In 2019, Marine Bureau conducted quality inspection of organic marine products and organic processing marine products. The number of excellent marine product inspection in Taiwan was 16; the number of Production and Marketing Traceability was 12; the number of drug residue test was 3 and the number of organic marine products (algae) was 1.

(4) Handling "Enhancement of Traceable Marine Product Safety Management and Promotion Plan"

In 2019, Marine Bureau and Taiwan Aquaculture Fisheries Development Foundation came to local markets and stores to conduct production traceability inspection. A total of 23 fishery products was sampled and sent to National Animal Industry Foundation for inspection. The inspection results were still not in compliance with the regulations.

(5) Handling "Aquaculture Management Workshop"

The keynote topics of the workshop include aquaculture fishery management, aquaculture fishery disaster prevention measures, aquaculture water purification treatment and marketing channels. Officials, experts, scholars and specialists in relevant fields provided counseling and consultations to marine aquaculturists. On July 10th, 11th, 12th, and 17th, 2019, 4 sessions were held in

Fishermen's Associations in Yong'an District and Linyuan District, Senior Activity Center in Luzhu District and Minong District Office respectively. About 320 fishermen participated in the four sessions, enriching the fishermen's Aquaculture technology, disaster prevention, diversified management, management skills and multidimensional knowledge.

(6) Handling "Aquafeed Sampling Inspection Plan"

A. In 2019, cooperating with the central government to implement "Aquafeed Sampling Inspection Plan" and "Good Aquaculture Feed Manufacturing Practice", Marine Bureau conducted sampling inspection on imported and domestic fish as well as shrimp feeds.

B. In 2019, the number of the sampling inspection was 91, and the total number of the sampling was 91. The inspection items include 39 cases of general ingredients, 39 cases of drug residues, 1 case of melamine, 3 cases of lean meat, 1 case of pesticide, 3 cases of heavy metals, 3 cases of hormones and 2 cases of dioxin polychlorinated biphenyl.

(7) Developing "Kaohsiung Seafood Tastes" of fishery products and expanding distribution channels

A. Organizing "Kaohsiung Seafood Tastes Area" and participating in International Food Show.

In 2019, Marine Bureau participated in Tokyo Food Show in Japan (March), Boston Seafood Show (March), Belgian Global Seafood Show (May), Taipei Food Show (June), Kaohsiung Food Show (October) and other relevant introduction and marketing events for marine products to boost sales and expand marketing channels of bulk fishery products in Kaohsiung City.



Kaohsiung Food Show

B. Developing domestic and foreign channels

In domestic channels, Marine Bureau has been counseling vendors and discussing the issues of launching products with 7-11 convenience stores (Tianshifu, D.E CHUNG HUA FOODS, ANYO Care), HSIN TUNG YANG (Tianshifu), Carrefour (Tianshifu), RT-Mart (Tianshifu), Organicshop (Su Ban-Zhang), yuanyufarm (Su Ban-Zhang), Shin Kong Mitsukoshi (Madagascar Almond, Flyoung) and Wowprime (Flyoung, FISH Master).

In overseas channels, Marine Bureau has been cooperating with AEON Supermarket in Japan and Hong Kong, HAO MART in Singapore and Malaysian E-commerce to launch high-quality marine products from Kaohsiung. Moreover, Marine Bureau has been counselling local vendors to develop halal markets. For example ; Kaohsiung Howard Hotel and Chateau de Chine Hotel which are halal- certified restaurants have jointly launched products with Fish-Chairman, such as "halal - certified marine product" and other dishes. Tianshifu's "Fish Tasting Moment" has been released for sale in Carrefour and Grand Hotel as well.

C. Developing diverse seafood products in Kaohsiung

Marine Bureau organized "2019 Kaohsiung Seafood Cuisine Competition." Chateau de Chine Hotel won the champion in the competition by using five treasures of Kaohsiung (including tuna, squid, saury, grouper, and milkfish) to make innovative dishes, such as Tuna with Pineapple Bean Sauce, Yuhe Banana Squid Roll, Yuanbao Saury Covered with Egg, Taro-Scented Seafood Tabby Pot and Ancient Early Taste of Braised Milkfish Rice.

(8) Counseling all districts in Kaohsiung City to handle relevant activities of Marine Culture Festival

In order to promote Kaohsiung's seafood and develop the features of each district simultaneously, Marine Bureau continually assisted Freshmen's Associations in Singda Harbor, Yongan District, Mitou District, Ziguan District and Kaohsiung District, etc to organize Marine Culture Festival in 2019.

(9) Counseling the enterprise management of "Production and Marketing Groups: and winning the honor award of "Excellent Fishery Production and Marketing Group"

A. In order to strengthen the counseling of organization, informationization and institutionalization of Fishery Production and Marketing Groups, to effectively improve the productivity and competitiveness of fisheries and to demonstrate the effectiveness of pioneering demonstrations, Marine Bureau actively assisted the Production and Marketing Groups under its jurisdiction to participate in the annual selection of "Excellent Fishery Production and Marketing Group" held by Fisheries Agency, Council of Agriculture, Executive Yuan.

B. In 2019, top 10 national "Agricultural Production and Marketing Groups" were selected. In Taiwan, 7 "Agricultural Research and Extension Stations"

nominated 22 “Agriculture, Forestry, Fishing, and Animal Husbandry Production and Marketing Groups” to participate in the selection. The 9th of “Aquaculture Production and Marketing Group” in Yongan District was selected as “National Excellent Agricultural Production and Marketing Group,” which showed outstanding results.

sanitation and noises in the vicinity of Jiasin West Road in Gangshan District, Marine Bureau carried out the relocation of Gangshan Fish Market and indicated that 3 small sections of 2110-8 Tuozi Alley in Gangshan District were utilized as relocation sites.

B. The relocation works of Gangshan Fish Market were divided into two parts, “Land Expropriation” and “Building Construction”. Land Expropriation had been completed in 2016. The relocated place was completely constructed on December 26, 2019; Gangshan Fish Market was comprehensively relocated on March 1, 2020.

(12) Counseling Fishermen's Associations in every district of Kaohsiung to organize Fisherman's Festival

In 2019, Marine Bureau financially supported 7 fishermen's Associations under the jurisdiction (including Singda Harbor, Yongan District, Mituo District, Zihguan District, Kaohsiung District, Xiaogang District, Linyuan District) to organize celebrations of Fisherman's Festival throughout July and recognize contributions and achievements of the outstanding fishermen's models, civil servant, employees and underwriting personnel in the year.

4. Marine industry and waterfront tourism

(1) Promoting the establishment of the cruise home port

A. In 2019, 29 cruises (58 vessels) docked in Port of Kaohsiung, which brought in and out approximately 90,000cruise passengers, creating 214 million NTD in economic benefits.

B. Improving service quality of customs clearance procedure for cruise passengers
Marine Bureau cooperated with Kaohsiung Elite Foreign Language Tour Guide

(10) Dealing with annual assessments of Freshmen's Associations

Article 2 stipulates that "the competent authority shall invite the relevant authorities and the higher-level fishermen's Associations to conduct annual assessments of the fishery meetings, businesses and finance reports before June 30th of each year, and evaluate the results." Marine Bureau and Finance Bureau complied with the regulations and conducted the assessments of 7 Freshmen's Associations under the jurisdiction from May 13th to 16th, 2019. The results were 84 to 93 points (Grade A for 4 Freshmen's Associations; Grade B for 3 Freshmen's Associations).

(11) Handling the Relocation of Gangshan Fish Market

A. In order to solve problems of insufficient space in Gangshan Fish Market and improve traffic congestion, environmental



Aquaculture Production and Marketing Group is recognized with an award

Association (KEFLTGA) to conduct “2019 Kaohsiung Port Cruise Passenger Service Project” and organized 2 batches of volunteer training courses by appointing service-oriented interested volunteers to Pier 9 in order to assist international cruise passengers to go for shore excursions as well as creating interbureau line groups to collaborate with Taiwan International Ports Corporation Ltd, Bureau of Transportation and Kaohsiung Bank to deal with taxi services, additional ATM installation, the maintenance of currency exchange machines, tourist information, shuttle buses and other services for cruise passengers.

C. Marketing and promoting Kaohsiung’s cruise voyages and logistics economy

Marine Bureau intensively applied for funding from the OAC (Ocean Affairs Council) to handle the project, “The Promotion of Kaohsiung Cruise Industry Development”, to provide counselling and cooperative opportunities to local trustworthy vendors for supplying goods to international cruise lines.

(2) Promoting Blue Cruise Route

Providing opportunities for local citizens to experience water sports leisure activities, Marine Bureau has promoted Blue Cruise Route, which had a total 12 scheduled cruise voyages and 1,395 passengers in 2019.

(3) Developing yacht industry and promoting Kaohsiung recreational yachting activities

In order to market yacht industry in Kaohsiung, Marine Bureau set up a booth at “2019 Thailand Marine and Offshore Equipment Expo” to organize an international exchange meetings and create business opportunities of cooperating with yacht industry and Southeast Asian vendors, the

delegation of Kaohsiung City Government also visited Fort Lauderdale and Miami, USA for a series of visits and participated in Fort Lauderdale International Boat Show. In addition to cheering up for those exhibitors, the delegation enhanced the friendship with sister cities, Fort Lauderdale and Miami while absorbing their valuable experiences of developing marine industries and making all the efforts to promote or market excellent images for Kaohsiung yacht industry.

“2020 Taiwan International Yacht Show” (the fourth session) was originally scheduled to be held from March 12th to 15th, 2020. Nevertheless, after careful assessment of the pandemic circumstances of Wuhan Coronavirus, in accordance with our government’s prevention and control measures as well as the relevant reference to the policies in Asian countries, After consulting the willingness of the exhibitors, and accommodating international boat show calendar, “2020 Taiwan International Yacht Show” (the forth session) has been postponed to March 10th to 13th, 2022.

(4) Marketing and promoting Kaohsiung yachts to enhance international reputations

Marine Bureau took a positive action to solicit funding from Ocean Affairs Council in order to organize “2019 Evaluation Analysis and Marketing Plan for Yacht Industry Development in South Taiwan” to develop yacht environmentally friendly business, explore Southeast Asian markets and establish three primary sales platforms for yacht exhibitions. Marine Bureau has been counseling and marketing Kaohsiung yacht vendors and shaping the images of Taiwan's high-quality yacht industry to enhance international reputations by participating in internationally related exhibitions fairs.

5. Counselling fishing vessels (fishermen) and crew

- (1) Jointly participating in events with international fishing organizations to facilitate information exchanges and cooperation in order to safeguard the fishing rights of fishermen.
- (2) Coordinating with the central government to promote responsible fisheries in order to prevent fishing boat detention and thereby strengthen the safety of fishing activities.
- (3) Issuing 535 Fuel Allocation Handbooks for Fishing Vessels
- (4) Issuing 615 fishery licenses
- (5) Financially supporting half of the regular maintenance costs for 986 fishing vessels to ease the burden of fishermen, with a total subsidy of 554,300 NTD.
- (6) Conforming to the policy of lower oil prices for powered fishing vessels and counselling fishing vessels less than 100GT or fishing rafts longer than 12 meters to install Voyage Data Recorder (VDR), which can record the working hours of fishing vessels, thereby helping safeguard the rights for oil prices.
- (7) Handling the insurance subsidy of Kaohsiung City's Powered Fishing Vessels
Conforming to "Provisional Regulations for the Insurance Subsidy of Kaohsiung City's Powered Fishing Vessels" to assist those fishermen with Kaohsiung-registered fishing vessels less than 100GT to obtain the insurance. A total of 154 vessels was insured in 2019, with an insurance premium subsidy of 3,544,336 NTD.
- (8) Granting fishing accident relief
Granting fishing accident relief in accordance with "Kaohsiung City Local Ordinance of Fishing Accidents Relief". In 2019, a total of 10 deaths, 1 sunken fishing vessels and 3 whole destroyed fishing vessels were eligible for the ordinance, with a total subsidy of 6.5 million NTD.

- (9) Assisting Fishermen's Associations to grant welfare allowance for elderly fishermen

Conforming to "Provisional Act Governing the Welfare Allowance for Elderly Farmers," Marine Bureau counselled Fishermen's Associations to grant the welfare allowance, with a total subsidy of 241,782,000 NTD in 2019.

- (10) Assisting Fisheries Agency to conduct "The Enhancement Project of Fishery Information & Statistics System"

Marine Bureau assisted Fisheries Agency to conduct the 2019 fishery statistics investigation and the compilation of relevant data on the Taiwan Region of Kaohsiung City for the Fisheries Statistical Yearbook Taiwan.

- (11) Handling the applications of 207 deep sea fishing vessels employing mainland Chinese crews to enter and exit Taiwan's fishing zones; 579 people were permitted.
- (12) Handling the approval of 3,123 deep sea fishing vessels employing international crews; 9,640 people of international crews were employed.

Market Planning and Street Vendor Management

1. Market guidance and management

- (1) Improve the hardware facilities of the public and private retail markets

A. Public market environmental improvement plan by district and by year

In 2019, improvement works were carried out in nineteen public markets, namely Mituo, Alian, Ziguan First, Hunei, Gangshan First, Gangshan Second, Yong'an, Qiaotou First, Gushan Third, Sanmin First, Sanmin Second, Zhonghua, Qianjin, Gushan First, Lingya, Guomin, Qijin, Qihou Tourist, and Fengshan First. Through the improvement of environment and facilities, refreshing and bright

shopping spaces were created, improving the overall image of public markets.

B. Private market operational assessment subsidy plan

Repair works were conducted in seven private markets in the City, namely Yongxiang, Minsheng, Jianxing, Ziyou, Fudong, Sanhe, and Xiande markets. Through the replacement of public facilities, a safe and quality market environment was created, improving the competitiveness of private markets.

(2) Improve the hygiene and order in the market

In 2019, the Economic Development Bureau of Kaohsiung City Government conducted 13,385 inspections and 1,016 disinfections, urging all market self-government organizations and management committees to strengthen clearance of breeding sources for dengue-vector mosquitos and perform ditch cleaning and disinfection to maintain market sanitation.

(3) Academia stationing in public markets to give guidance

The EDB worked with local colleges and universities to implement the program of academia stationing in public markets to provide guidance, facilitating the cooperation between six public market self-management associations, namely Sanmin Second, Lindeguan, Guomin, Longhua, Ziguan First, and Fengshan Second, with National Kaohsiung Normal University, Cheng Shiu University, Tung Fang Design Institute, and Fortune Institute of Technology. The program was submitted to implement a six-month coaching (August 2019 to January 2020). Through guidance from academic experts, the markets were assisted in finding their exclusive features to increase added value and undertake necessary transformation and upgrading, revitalizing the City's public markets.



Guomin Market worked with Fortune Institute of Technology to organize the Classy Lady's New Year Dishes event

(4) Creating experimental markets for youth businesses

To encourage local young people to start their own businesses and fulfill their dreams, the EDB implemented this experimental program. Any young person aged between 20 and 45 whose household registration is in the City can submit an "Operation Plan" for review; once approved by the EDB, he/she can move into the market for business for a one-year period, by paying an annual usage fee of NT\$10. The program supports young citizens to realize their business venture dreams in traditional markets, and bring in seeds of hope to the markets, enhancing their creativity and liveliness, and achieving the goal of revitalizing the City's economy. There are currently eight youth vendors who will move into six public markets from January 20, 2020 to January 19, 2021, including Nanzi First, Gushan First, Xinxing First, Zhonghua, Fengshan Second, and Daliao Dafa public markets.

(5) Introducing Single Entity model to revitalize public retail markets in the City

The Yancheng First Public Retail Market in the City introduced the Single Entity model to revitalize its operations professionally. Through the Thirtyeighty Traveliving Co. Ltd., it continues to recruit stall vendors and help young entrepreneurs to start businesses in the market, creating an intergenerational marketplace. This brings local vendors and foreign tourists together to achieve community participation, allowing the

exchanges and dynamics of the young and the old, and facilitating the interaction between the two generations.



A vendor at the Yancheng First Public Retail Market

(6) 2019 market land revitalization and investment promotion

Yangming Supermarket Leasing Tender

Previously run by Aigo Supermarket, the venue was put on tender due to the end of its lease and was later taken by the PX Mart Co. Ltd. with a three-year rental income of NT\$10.836 million. The new supermarket will operate from February 1, 2020 to January 31, 2023, providing residents in the neighborhood a place to buy daily necessities, improving local living amenities, and injecting revenue to the City.

2. Vendor management and planning

VI. Urban Development

1. Comprehensive Planning

(1) Promoting the development of state and public land for Kaohsiung Multifunctional Commerce and Trade Park

To speed up the development of the Commerce and Trade Park, the City Government shortened the review process of urban design to improve administrative efficiency. It worked with the Taiwan Power Company

(1) The temporary vendors gathering sites (TVG site) in the City is divided into two types: those inside and those outside the road boundary. Currently, there are a total of 129 TVG sites, of which 52 are legally set up, 77 are not yet approved (54 inside road boundary, 23 outside road boundary). For legal TVG sites, the EDB guides them to form management committees in accordance with the “Self-government Regulations on Kaohsiung City Temporary Vendors Gathering Site” (hereinafter referred to as the Self-government Regulations), which will be responsible for carrying out traffic arrangements, hygiene and sanitation, fire prevention and orderliness in operation for the TVG sites. The EDB continues to supervise relevant tasks of all TVG management committees for continuous reinforcement and improvement.

(2) The 2019 temporary vendors gathering site evaluation and subsidy program is underway, subsidizing TVG sites with good performances for repair works. Six TVG sites, Jilin Night Market Food Street, Kaixuan Qingnian Night Market, Liuhe 2nd Road, Keziliao, Temple to the Three Mountain Lords, and Lingya 2nd Road, were subsidized to provide a safer operating space for vendors and a high-quality shopping environment for consumers.

(TPC) to promote land development and attract investment for the Special Trade Zone 3, and continued attracting investment for the Parking Lot Land No. 3 and the Special Trade Zone Commercial district 4, as well as assisting the Kaohsiung Port Land Development Co. Ltd. to promote the transformation of the old port area to a waterfront recreational harbor.

(2) Initiating the third overall review on the Multifunctional Commerce and Trade Park


To accelerate the efficacy of developing the Commerce and Trade Park, the outlining of an urban planning review was initiated in the second half of 2019, focusing on three pillars: introducing residential population, responding to the needs of emerging industries, and developing an incentive mechanism. It combines the concepts of smart living and city resilience to create an intelligent New Bay commerce and trade area, driving urban development forward.

(3) Transformation of CPC Kaohsiung Refinery in Nanzi to an R&D Zone

On December 4, 2018, the Executive Yuan approved the transformation of the unpolluted land (76 hectares) of the CPC Kaohsiung Refinery into a “Circular Technology and Materials Innovation R&D Zone,” which is under planning by the Ministry of Economic Affairs (MOEA) and the CPC Corporation for investment. It is expected to include an international materials school, an R&D center and support facilities. During the two City-CPC meetings, the City Government has urged CPC to draft and deliver the proposed urban planning changes of the Kaohsiung Refinery as soon as possible, to facilitate the completion of submission for review on the changes.

2. Regional Development and Review

(1) Review works of the Kaohsiung Urban Planning Commission



The Kaohsiung Urban Planning Commission held a total of 52 meetings in 2019 (9 committee meetings, 43 panel meetings). It has completed a review of 34 cases concerning industrial development, social welfare, reconstruction of unsafe and old building, and local development. Among these, the major cases are as follows:

- A. For the promotion of industrial development and public land revitalization, approved cases included: the downgrading of the Dashe Industrial Zone, the reduction of parking space for Children’s Home, the factory expansion adjacent to the north side of the CLC Yanchao plant, the amendment of the Renwu Industrial Park detailed plan, the land use regulation on the Parking Lot Land No. 5 in Aozidi area, the land use regulation on the Parking Lot Land No. 26 in Wanzinei area, the allocation of the Agency Land No. 36 in Xinxing District for the use of the National Immigration Agency, and the usage of the Wenzhong Football Stadium in Nanzi District.
- B. For the implementation of promoting social welfare and providing child and youth protection and care, a case was approved to set up a child and youth welfare institute in the Fengshan Women and Children Center.
- C. For flood prevention, approved modification cases included: the second work area of the Zhuzimen drainage improvement works in Meinong District, the Kaotan drainage mid-upstream regulation works in Daliao District, and the Meinong Lake discharge channel construction project.
- D. For returning public-facility-used land to the people, the overall review of public-facility projects in eight urban planning areas was approved, including Renwu, Daliao, Qieding, Meinong, Hunei, Hunei (Dahu), Gangshan, Niaosong (Renmei area).
- E. For improving the quality of the living environment, the review of the building coverage ratio of the residential area in former Kaohsiung City was approved.
- F. For the review of returning to original zoning, approved cases included: the return to the original zoning of two flood detention ponds in Chengqing Lake Special District and Renmei area in Niaosong

District due to the lack of a development plan, and the return to the original industrial zoning of Hua Eng Wire & Cable Industrial and Commercial Mixed-use Zone and the Chien Tai Cement Co. land.

(2) Review works of non-urban land development

The Kaohsiung City Non-urban Land Use Zoning and Changing Dedicated Review Panel held four meetings in 2019 and completed the review of eight cases:

- A. For promoting industrial development, three cases were approved including: the Prosperity Tieh Enterprise Luzhu Industrial Park development plan, the modification of the Cheng Loong Paperware Industrial Park development plan at the Annan Section in Yanchao District, and the Walrus Pump Co. Industrial Park development plan.
- B. Three review cases for Kaohsiung City non-urban land zoning.
- C. Two cases were approved for religious and medical facilities: the Dhamma Vikasa Vipassana Meditation Center development plan for the expansion of religious use, and the modification of the Eda Healthcare Group development plan.

(3) Drafting National the Spatial Plan of Kaohsiung City

- A. In accordance with the Spatial Planning Act and the Directions of “National Spatial Plan,” the Kaohsiung City Spatial Plan (draft) was drawn up. According to land characteristics, environmental constraints and the future development of each area in the City, areas “suitable for development” and “unsuitable for development” were defined; four main functional zonings were specified, including “national conservation,” “marine resources,” “agricultural development” and “urban and rural development,” to facilitate sustainable land development in the City. During the planning process, fifteen

government agency coordinating meetings were held, as well as six local presentation sessions in Qishan, Gangshan, Fengshan, and three indigenous areas, and four symposiums with experts, scholars and civic groups, to collect opinions from all walks of life.

- B. The draft plan was exhibited in public for 30 days, from July 30 to August 29, 2019, in 38 district offices of the City. During the exhibition, eight public hearings were held to explain the contents of the plan to the public. Opinions were heard, recorded and compiled to provide a reference for the City’s Spatial Plan Review Committee.
- C. The City’s Spatial Plan Review Committee held its first meeting on September 30, reporting to the committee members about the spatial planning system and the contents of the plan, and the key points of people’s opinions during the public exhibition. From October 14 to December 23, eight panel meetings were held to follow up, for the committee members to review the contents of the plan and other important issues. It is expected the review will be completed in early 2020 and submitted to the Ministry of the Interior (MOI) for approval.

3. Urban Planning

- (1) Promoting land revitalization and completing the review on the Daliao Readjustment for Urban Planning

To accelerate the development of a 50-hectare readjustment area in the Daliao Military Dependents’ Village, and to accommodate the MOI’s review comments on the readjustment proposal, the Bureau has modified its detailed plan. In consideration of small site landlords’ rights to build terrace houses, it has also reviewed the regulations on setback line. The detailed plan was promulgated for implementation on April 17, 2019 and is

currently under readjustment operation by the Land Administration Bureau.

- (2) Implementing the increased floor area ratio (FAR) of the Railway Underground Fengshan Project

According to the “Kaohsiung Railway Underground Fengshan Extension Project,” with Fengshan Station and Zhengyi Station as the center, the FAR of residential, commercial, and special zones within a radius of 800 meters are designated to be increased, enabling landlords or developers to purchase the land. It is estimated that the additional 15% to 30% of the standard FAR can yield NT\$760 million for transportation construction. The urban plan of the project and its application outlines were promulgated for implementation on April 11, 2019.



Fengshan Station

- (3) Review on relaxing building coverage ratio

To provide a quality urban environment and a reasonable living space for citizens, increase the flexibility of architectural design, and solve the problems regarding the reconstruction of old buildings, the Bureau conducted an overall review of the control on land use zoning in accordance with the “Regulations for the Periodical Overall Review of Urban Planning.” After the review, the building coverage ratio of building sites in residential areas was relaxed to 60% and the decision was promulgated for implementation on December 18, 2019.

- (4) Implementing urban planning changes in coordination with the Second Science Park

To promote the final phase of the Kaohsiung New Town transformation and complete its overall industrial deployment, the Bureau is assisting the central government to speed up the establishment of its science park (a planned area of 360 hectares, with 186 hectares of exclusive industrial zone). The current urban planning changes were reviewed by the MOI Urban Planning Commission Task Force in March (2019); the Land Acquisition Team report was completed in June, and the plan was finally reviewed and approved by the MOI Urban Planning Commission in October. In addition, the “Kaohsiung Second Science Park (Qiaotou Park)” preparation plan was approved by the Executive Yuan in December and is currently under environmental assessment by the Ministry of Science and Technology.

- (5) Implementing urban planning changes for the Renwu Industrial Park

To promote economic and industrial development and accelerate high value-added industrial transformation, the Bureau modified urban planning, changing the surrounding area of the Renwu Interchange on National Highway No. 10 to an exclusive industrial zone, to plan for the development of a 74-hectare Renwu Industrial Park. This urban plan was promulgated for implementation on September 23, 2019 and is continued with land acquisition and development operations by the Economic Development Bureau.

- (6) Reassessing Caotanpi Readjustment Area for flood solution

To improve the flooding situation in Renwu area, the Bureau designated a total of 3.67 hectares of land for drainage lines and detention ponds, in line with the flood mitigation planning report, providing 55,000 tons of flood detention capacity. It also adjusted the allocation of land use for

development through urban land readjustment, which was reviewed by the MOI Urban Planning Commission on October 16, 2018. The proposal was completed and exhibited in public on December 21, 2018 and passed in the general meeting of the MOI Urban Planning Commission on April 23, 2019.

- (7) Initiating the overall review on land use for public facility projects

In consideration of the needs for urban development and maintaining the rights and interests of landowners, the Bureau initiated an overall review of the projects in eighteen urban planning areas, focusing on the privately-owned “land reserved for public facility” in non-essential urban planning areas of the City. It was completed and promulgated for public exhibition at the end of 2019. Among them, thirteen planning areas have been scheduled for review by the City’s Urban Planning Commission in 2019; nine were completed (Renwu, Daliao, Qieding, Gangshan, Hunei, Dahu area in Hunei, Meinong, Zhongzheng Lake in Meinong, Renmei area in Niaosong), and the remaining four are under review (Dashe, Chengqing Lake, Qishan, Yanchao). In addition, five other urban planning areas, the former Kaohsiung City, Alian, Gangshan Interchange, Kaohsiung New Town, and Fengshancuo, have conducted public exhibition at the end of 2019.



Nanzi school land No.11 of the Former Kaohsiung City urban planning area

4. Urban Design

- (1) Review works of Kaohsiung City Urban Design and Land Use Development Permission Review Committee

The City’s Urban Design Review Committee held a total of 34 meetings in 2019 (13 committee meetings reviewed 56 cases and 21 executive meetings reviewed 88 cases) and reviewed 42 architect licensing cases, approving a total of 148 cases. Amendments to regulations on the review process of urban design include “Regulations on the Scope of Authority in the Review of Kaohsiung City Urban Design,” “Principles of the Review of Kaohsiung City Urban Design” and “Essentials of the Kaohsiung City Government Review and Permission for Transfer of Floor Area Ratio Applications,” creating a friendly investment environment.

- (2) Overall Urban Renewal Plan for Areas Surrounding Kaohsiung City Underground Railway

In response to the impact on the landscape along the finished underground railway, this project completed the survey and planning of the railroad section between Zuoying Station and Fengshan Station, a corridor of about 300 meters on each side along the 15.37 km distance. It investigated a total of eleven old communities with urban renewal potentials, which will be listed as the priority assistance areas for urban renewal. The buildings and land around the corridor can be renovated through urban renewal, reconstruction of unsafe and old building, repair and maintenance, and vacant space greening. The Bureau has continuously sent out counselling teams to explain to the communities that are willing to engage.

- (3) Publication of the Kaohsiung Old Houses Guidebook

To promote public appreciation of the beauty of “Kaohsiung Old Houses” and encourage private homeowners to repair and revitalize

old buildings, the Bureau invited building experts to collect successful cases of private renovation with the City Government's subsidy, and compile the "Kaohsiung Old Houses Guidebook," recording the restoration process of old buildings in Kaohsiung and preserving cultural history. The book provides an in-depth guided tour of the "Kaohsiung Old Houses." A total of 180 free copies were given out to the public.

5. Community Development

(1) Promoting the University Rooting Project to build lively and innovative communities

To inspire community energy and creativity, in addition to encouraging community self-construction and the improvement of idle and dirty spaces, The KCG launched the University Rooting Project for the first time which encourages college students to form teams and participate in community building, bringing new blood to communities. In 2019, subsidies were given to a total of 101 new and existing community-building points and eight college student team proposals. In 2019, the achievements of Huinan community in Nanzi District and Jiangshan community in Daliao District were recognized with the 2019 Yuan-Ye Awards.



Presentation meeting of the University Rooting Project 3 and quality community-building point acknowledged with the Yuan-Ye Award

(2) Revitalizing old houses in urban and rural regions

To facilitate the redevelopment of Kaohsiung's historical, traditional neighborhoods, preserve past memories of the City, and prompt the development of traditional neighborhoods and opportunities for young people to return for business ventures, in 2019, subsidies and counselling were provided through funding from the central government and the City for the renovation of old buildings in the City's historical neighborhoods. A total of eight old houses have been repaired and revitalized for operation.



Successful revitalization case – No.197 Yong'an Road, Meinong District (Meinong Tankaotang)

(3) Rebuilding the "Heart of Liugui" neighborhood

To revitalize the Liugui tourism industry, the City Government promoted the rebuilding of its old street. Apart from street surface improvement and landscape reconstruction along the street, the historic Chitien Inn was repaired and transformed into the Liugui Story House and tourist information center; the Hongkunyuan Shop (the early mountain products trading house) was renovated and transformed into a small farmers' exhibition and sales center. It is expected to revitalize the tourism industry in the living circle of Liugui Old Town. The total budget of the project is NT\$104.5 million. Construction started in 2019 and is expected to be completed by the

end of 2020.

- (4) Transforming Yanchao’s Hengshan Campsite Into a “Community Co-creative Base”

To revitalize the Hengshan Campsite which has been idle for a long time, the City Government turned it into a community-building experimental school, providing activity space for residents around the campsite and free use for charity events. The total budget of the project is NT\$16.5 million. It was completed in June 2019. Since launching in September, it has already received applications for use from 10 agencies, with a total of 980 persons.

6. Public Housing Development

- (1) Promoting Intergenerational Cooperative Living Policy

To implement the mayor’s “Intergenerational Cooperative Living” policy, the Bureau proposed three main schemes: intergenerational sub-leasing, intergenerational co-housing, and sub-leasing certification. The intergenerational sub-leasing scheme entrusted professional private rental service providers to accept applications from the public, perform matching and provide subsidies. It was officially launched on December 13, 2019. For the intergenerational co-housing scheme, the former Qianjin police dormitory was selected and is currently under repair works. After its completion, it will be opened for applications for young and senior citizens to move in. In addition, following the mayor’s instructions in the municipal administrative meeting, the Bureau has provided insurance allowance for the tenants of the intergenerational sub-leasing and co-housing schemes. Each household will be provided with NT\$1,000 annually, for various insurance policies such as liability insurance, loss insurance, inconvenience insurance and hazard insurance, taking the worry out of co-living for landlords and tenants of the intergenerational cooperative living policy.



Three Intergenerational Cooperative Living schemes

- (2) Kaohsiung Citizen First-time Home Buyer Mortgage Discount Project

The Bureau actively coordinated with the Bank of Kaohsiung to launch the “Kaohsiung Citizen First-time Home Buyer Mortgage Discount Project” to benefit first-time home buyers. Any Kaohsiung citizen who purchases a residence in the City, with a debt-to-income ratio below 10% and the ability to repay, is eligible to apply; upon bank review and approval, they can enjoy the Kaohsiung-limited Mortgage Scheme, with a preferential interest rate starting from 1.6% and a loan period of up to 40 years. Since its launch on September 11, 2019, there were 65 household applications by the end of December, with 39 approved. Depending on their own financial planning and needs, citizens can choose to reduce their monthly mortgage payment, or make repayments at any time to reduce mortgage interests, easily achieving the dream of starting a family and living comfortably in Kaohsiung.

- (3) Promoting the reconstruction of unsafe and old buildings

In accordance with the Statute for Expediting Reconstruction of Urban Unsafe and Old Buildings, various incentives were provided including floor area ratio bonus, concise procedures, tax credit and financial incentives, to fully assist private reconstruction of unsafe

and old buildings. In 2019, a total of 38 reconstruction applications were accepted, with 23 approved; the “Standards for Relaxing Building Coverage Ratio for the Reconstruction of Unsafe and Old Buildings in Kaohsiung Urban Planning Residential Areas” were also enacted, allowing the relaxation of the building coverage ratio to 60% for small-site terrace houses in residential areas, thus improving public motivation to rebuild. It improves living safety as well as the overall appearance of the city.

- (4) Encouraging self-implementation of urban renewal construction and maintenance in old communities

To encourage the public to pursue subsidies from the central government urban renewal fund, and conduct renewal construction and maintenance themselves, the Bureau assisted the Huaguo Garden Mansion to obtain subsidies on planning and design expenses in 2019. The building’s peeling external wall tiles were repaired through urban renewal, improving public safety and living quality. As of the end of 2019, 28 cases of planning and design subsidy and nine cases of project funding subsidy have been approved.

- (5) Rental and interest subsidies for single youth and childbearing families to support disadvantaged families with housing needs

To assist disadvantaged families with housing needs, integrated housing subsidies were implemented. These consisted of rental subsidies for renting homes and interest subsidies for home purchase and repair loan. In 2019, 10,706 households were approved for rental subsidies; 725 households were approved for interest subsidies on home purchase loans; 102 households were approved for interest subsidies on home repair loans; in total, 11,533 disadvantaged families were assisted to meet their housing needs. In addition, the first rental subsidy for single youth and newly-wed childbearing families

was launched in 2019, approving rental subsidies for 676 single youth households and 804 newly-wed childbearing families, which took care of the housing needs of 1,480 youth households in total.



Applying housing subsidy at the counter

- (6) Rental subsidies for leasing and managing social houses to protect the rights and interests of both leaseholders and tenants

To assist disadvantaged families and young people who work or study in the City to rent houses and improve their living quality, business operators in the private sector were brought in to assist the government in the implementation of social housing by sub-leasing private empty houses or providing matching services. The leasing or managing operators shall lease these social houses with rents of no more than 80~90% of the market rental rates, facilitating better services and protections for both leaseholders and tenants and prompting rental market to move towards professional operation. In 2019, a total of 211 households were successfully matched.

- (7) Wujia Public Housing Community Management Committee formed for self-management

In response to the abolition of the Public Housing Act, the City Government actively promoted the formation of a management committee in the Wujia Public Housing Community. However, as the number of households is as high as 5,136, and other building types such as high-rise buildings and five-story apartments also exist in the

community, it is quite difficult to coordinate with the wishes of the residents. The City Government therefore divided the community into fourteen blocks according to their usage license to set up a management committee in each block. By the end of December 2019, after frequent visits by government officers to the community to organize meetings, the management committees were set up for self-management in all blocks.



Formation meeting of the Wujia Public Housing Community Management Committee

- (8) Vacant permanent houses up for rental to solve living space shortage of Da'ai Village resettled households

It has been over a decade since the City set up permanent houses to resettle households affected by Typhoon Morakot. Some resettled households reported that their indoor living space was insufficient due to population increase and hoped that the City Government could release empty houses for them to occupy. After considering and confirming their needs, the City's Urban Development Bureau released its reclaimed permanent houses for leasing to local resettled households. A total of sixteen households moved in after signing the contracts on October 20, which helped to resolve local residents' housing problems.

- (9) Construction started for Southern Taiwan's first social house "Ji-11" with 245 units

In accordance with the central government's social housing policy and the Kaohsiung Railway Underground Project, a 0.53-hectare,

agency-used land has been allocated for social housing. The land is at Kaohsiung's central business district Green Corridor area and next to the new Minzu Commuter Station of Taiwan Railway. The internationally renowned architecture firm Mecanoo was commissioned for the planning and design of the "Ji-11 Social House" to be built there. Construction started on May 30, 2019 and is expected to be completed in 2022. Among its household units, 30% will be allocated to disadvantaged citizens and citizens in need of emergency aid; 70% to college students and young wage-earners. In addition, diversified social services such as community activities and elderly care will be provided, implementing the policy of "intergenerational cooperative living for the well-being between generations."



Mayor speaking at the construction ceremony of the Ji-11 Social House

7. Urban Development

- (1) Qishan Sugar Refinery Agricultural Park development and investment attraction

To promote urban-rural balanced development and strengthen the local specialty industries of the Great Qishan-Meinong Region, the century-old Qishan Sugar Refinery has been revitalized and transformed into an industrial park with multiple functions, including agricultural exhibition and sales, value-added processing, tourism and experience activities,

etc. The project received a total of NT\$104 million in subsidies, approved by the Ministry of Economic Affairs (MOEA). Its development was implemented in phases over several years. In 2018, the landscape improvement at the northern entrance of the park and the repair of the red brick warehouse were completed; in 2019, the landscape improvement of the park area was completed, as well as the design of building repair, and its outsourcing for construction. In terms of investment attraction, the tendering of the red brick warehouse and the agricultural processing area, Land No. 2051-191, was also completed.

(2) Maintenance of Dashu Old Railroad Bridge national historic monument

To maintain the quality of the visiting experience of the Dashu Old Railroad Bridge national monument, the Bureau competed for and received subsidized funding from the Ministry of Culture (MOC) under the “Cultural Heritage Preservation, Restoration, Management and Maintenance Program.” Operational tasks were conducted, including regular inspection of facilities, regular cleaning, replacement of damaged railway sleepers, maintenance of surface paint on the bridge, repair of mechanical and electrical facilities, and the addition of fire extinguishers and monitoring equipment.

(3) Urban planning pile-setting to speed up urban construction

To facilitate the smooth progress of urban construction and speed up its completion, urban planning pile-setting was implemented according to the announced urban plan or the requirements of public works or flood control projects. In 2019, pile-setting operations were completed for 54 cases including the detailed plan for the Chengqing Lake Special District Project (in coordination with the Kaohsiung City Renwu Industrial Park).

(4) Remaking urban planning documents and maps to integrate application

To improve the accuracy of urban planning maps, solve the difficulties of storing paper base maps and keeping them from deformation, and safeguard the legitimate rights and interests of the people, the Bureau has continued the overall review of the remaking of urban planning documents and maps. In 2019, the Dashu (Jiuqutang) urban plan was completed and promulgated for implementation; two urban planning areas, Dashu and Nanzi Interchange (Fengshancuo section), have been reviewed by the Urban Planning Commission; the Luzhu urban plan have been submitted to the Ministry of the Interior for approval; the Gangshan urban plan has had the examination of uncertainties in its documents and maps completed.

(5) Verification of land use zoning certificate through mobile device

In response to people’s needs for buying and selling real estate, applying for construction and carrying out various business operations, the Bureau continued to expand its information and automation service platform, improving the efficiency and quality of land use zoning information and the certificate issuing service. In 2019, the usage of E-applications through mobile devices for land use zoning certificates (issued in fifteen minutes) service has increased 3.23 times over the previous year.

(6) Second tender of the Heart of Liugui rebuilding project

To facilitate the development of urban and rural regions and create local specialty highlights, the City Government promoted the “Heart of Liugui” mountain township rebuilding project, revitalizing local regions with “acupuncture therapy.” During the period of Japanese occupation, the historical buildings in Liugui’s old town, the Chitien Inn

and the Hongkunyuan Shop, used to be, respectively, a hotel and a commodity trading house between the local Han and aboriginal people. To revitalize Liugui's tourism industry, a total budget of NT\$50.59 million was approved by the MOI for the Heart of Liugui project to conduct repair works (NT\$40.36 million from central government subsidies and NT\$10.23 million from City Government contributions). After the renovation, the two places will be used as the Liugui Story House and Tourist Information Center, and the Local Small Farmer Exhibition and Sales Center. It is hoped that the reconstruction of Liugui old town can improve the living environment and create local prosperity. The project started on March 20, 2019. By December 2019, repairs of the building's roof (frame), shaft set, wooden floor, doors and windows were completed, reaching 65.21% of the schedule. The project is expected to be completed in May 2020.

- (7) Implementation of floor area ratio (FAR) transfer

To solve the problem of public-facility reserved land and financial issues, the City Government implemented FAR transfer in urban planning. Since July 2013, it stipulated that the FAR transferred in through FAR transfer application must be implemented by paying half as substitute charge, and the other half as donation to reserved land for public facilities. In 2019, with the administrative process shortened and simplified, 62 FAR transfer permits were issued, acquiring NT\$721 million of substitute charge and 13,220 square meters of public-facility reserved land. The said NT\$721 million substitute charge was also used exclusively for the acquisition of public-facility reserved land, so that the City Government will be able to decrease its allocation of land acquisition expenditure, relieving the burden on the official budget, protecting the property rights of the landlords who have not been requisitioned for land reserved for public facilities, and reducing complaints from the people.

VII. Construction

Building Management

Details regarding building permit issuance, and management of architects, construction businesses, and civil engineering contractors in 2019 are illustrated in Figure 3-3, Tables 3-9 and Table 3-10.

1. The Issuance of Building Permits and Construction Management

- (1) In 2019, a total of 3,353 building permits for 26,493 households, 485 demolition permits and 96 miscellaneous permits were issued. There were 2,375 cases of alteration of design. 2,545 use permits for 8,327 households, 326 usage alteration permits, 355 certificates of

building interior decoration, 1,859 building line directions and 200 combined usage certificates of deformed land were issued.

- (2) In 2019, there were 7,235 cases of construction site patrol, 120 cases of construction project plan consultation, and 13,860 reports (times) of under-construction building inspection.
- (3) To ensure efficient use of earth and gravel for construction, the management of residual earth and gravel was reinforced. To prevent illegal disposal of such earth, 9 cases of the shipping process of residual earth from construction sites were practically inspected in 2019, and regular inspection was carried out at dumping sites 81 times.

Figure 3-3 Statistics of Issuance of Construction Licenses in Kaohsiung City

Unit : Case

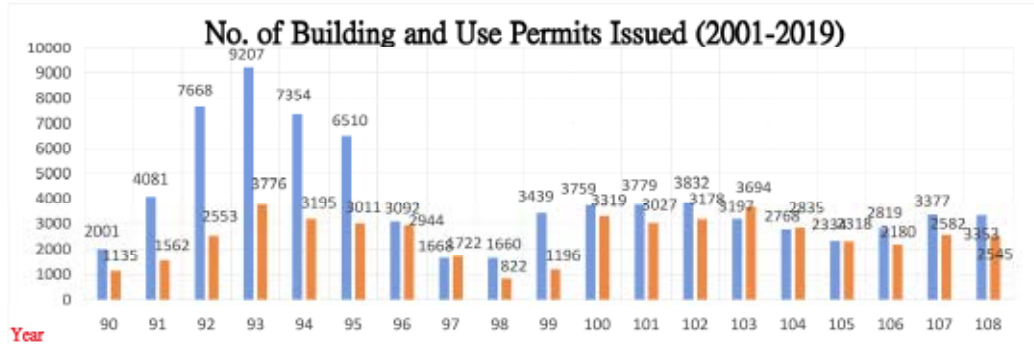


Table 3-9 Architect Registration in Kaohsiung City

Unit: Case

Year & Month	Architect Firms				Architects											
	Number in the Previous Year	Registration Approved This Year	Revocation / Withdrawal This Year	Number of Existing Firms at Year-End	Number in the Previous Year			Registration Approved This Year			Revocation / Withdrawal This Year			Number of Existing Architects at Year-End		
					Total	Grade A	Grade B	Total	Grade A	Grade B	Total	Grade A	Grade B	Total	Grade A	Grade B
Dec 2009	249	6	7	248	249	247	2	6	6	0	7	7	0	248	246	2
Dec 2010	248	18	9	257	248	246	2	18	18	0	9	9	0	257	255	2
Dec 2011	323	9	9	323	323	321	2	9	9	0	9	9	0	323	321	2
Dec 2012	323	15	0	338	323	321	2	15	15	0	0	0	0	338	336	2
Dec 2013	338	16	3	351	338	336	2	7	7	0	3	3	0	354	352	2
Dec 2014	351	10	0	361	351	349	2	10	10	0	0	0	0	363	361	2
Dec 2015	361	4	0	365	361	359	2	4	4	0	0	0	0	365	363	2
Dec 2016	365	15	6	374	365	363	2	20	20	0	2	2	0	381	379	2
Dec 2017	374	17	6	385	381	379	2	19	19	0	6	6	0	394	392	2
Dec 2018	322	14	8	332	329	327	2	14	14	0	8	8	0	343	341	2
Dec 2019	340	12	6	334	329	327	2	12	12	0	6	6	0	349	347	2

Table 3-10 Registered Construction Enterprises in Kaohsiung City

(The construction industry has been divided into integrated construction enterprises, specialized construction enterprises, and civil engineering contractors since 2005)

Unit: Ten Thousand Dollars

Item Year	Total Integrated Construction Enterprises		Class A Integrated Construction Enterprises		Class B Integrated Construction Enterprises		Class C Integrated Construction Enterprises		Specialized Construction Enterprises		Civil Engineering Contractors	
	No.	Total Capital	No.	Total Capital	No.	Total Capital	No.	Total Capital	No.	Total Capital	No.	Total Capital
Data in 2009	749	2,817,650	200	2,368,849	94	182,680	455	266,121	43	1,472,057	237	31,441
Canceled in 2009	13	10,700	1	2,700	0	0	12	8,000	0	0	5	900
Approved in 2009	12	8,900	0	0	0	0	12	8,900	7	257,820	33	4,510
Data in 2010	771	2,937,437	210	2,474,786	99	175,240	462	287,411	46	1,471,430	254	34,403
Canceled in 2010	8	3,300	0	0	0	0	8	3,300	2	5,500	5	540
Approved in 2010	14	6,400	0	0	0	0	14	6,400	3	4,200	22	2,750
Data in 2011	1,943	5,779,044	271	3,025,439	148	270,830	727	436,677	60	1,953,041	737	93,057
Canceled in 2011	24	7,900	0	0	0	0	5	3,400	2	3,000	17	1,500
Approved in 2011	68	41,129	0	0	0	0	20	7,820	5	24,330	43	8,979
Data in 2012	2,000	23,597,818	283	3,340,931	149	263,930	741	457,610	63	19,437,210	764	98,137
Canceled in 2012	26	32630	1	10,000	1	1500	10	7300	2	12500	12	1330
Approved in 2012	66	26,870	0	0	0	0	25	15,700	4	6,700	37	4,470
Data in 2013	2046	23615018	283	3336731	146	258830	767	470785	63	19444210	787	104462
Canceled in 2013	28	23770	2	16000	1	1500	6	3700	1	500	18	2070
Approved in 2013	72	27505	0	0	0	0	30	16875	1	2500	41	8130
Data in 2014	2,090	23,955,843	294	3,465,568	137	248,950	786	492,092	68	19,639,630	805	109,603
Canceled in 2014	22	17,308	0	0	0	0	9	7,500	2	6,900	11	2,908
Approved in 2014	61	43,510	0	0	0	0	33	19,250	7	21,600	21	2,660
Data in 2015	2,147	24,236,068	313	3,707,909	134	239,525	808	516,327	72	19,657,970	870	114,337
Canceled in 2015	31	23,260	0	0	2	2,750	9	4,520	3	13,300	17	2,690
Approved in 2015	56	39,650	0	0	0	0	26	15,730	5	20,200	25	3,720
Data in 2016	2,014	24,737,807	321	3,603,141	132	219,815	760	615,519	75	20,191,490	726	107,842
Canceled in 2016	32	11,015	0	0	1	1,000	6	1,000	1	6,000	24	3,015
Approved in 2016	40	64,590	0	0	0	0	21	9,075	5	52,500	14	3,015
Data in 2017	2,175	24,842,233	327	3,664,441	138	242,605	803	642,425	79	20,171,790	828	120,972
Canceled in 2017	26	6,040	0	0	0	0	6	3,000	2	1,200	18	1,840
Approved in 2017	65	24,240	0	0	0	0	18	8,610	5	9,800	42	5,830
Data in 2018	2,135	24,406,079	316	3,750,352	135	232,485	793	637,846	73	19,669,490	818	115,906
Canceled in 2018	11	7,270	0	0	2	2,750	9	4,520	3	13,300	17	2,690
Approved in 2018	26	15,730	0	0	0	0	26	15,730	5	20,200	25	3,720
Data in 2019	2,272	25,511,337	361	3,991,515	129	234,816	841	730,801	88	20,420,122	853	134,083
Canceled in 2019	27	10,018	1	2,250	0	0	4	3,868	2	1,000	20	2,900
Approved in 2019	71	171,992	6	13,980	10	13,900	17	77,100	5	19,452	33	47,560

2. Kaohsiung LOHAS Building Project

(1) Kaohsiung LOHAS Building-related projects:

A. Kaohsiung LOHAS Building – Green Building Promotion Program: To promote the new building and green building of Kaohsiung LOHAS Building, the Kaohsiung LOHAS Building Architecture Award was offered and green construction projects in Kaohsiung were widely invited to participate in the competition. It aims to compliment excellent green architectural designs in Kaohsiung by selecting good construction works, and arouse people’s awareness of the quality of the living environment. The 2020 event is now in progress, and the award ceremony is scheduled at the joint design exhibition in September 2020.

B. Kaohsiung LOHAS Building 3.0 – WELL Building Activation Program: Weekly follow-ups on newly built Kaohsiung LOHAS Building cases were conducted, and a basic database and Kaohsiung LOHAS Building map were created. Diagnostics of sick buildings was performed to the market as well as the Kaohsiung LOHAS Building was promoted to the public.

C. Kaohsiung WELL Building 3.0 – WELL Building Promotion Project: Perform legal procedure consultation for existing buildings. In addition, a consultation counter for Kaohsiung LOHAS Building projects was established on the 1st floor of the Department of Building Affairs, Public Works Bureau.

(2) Regulations Concerning Kaohsiung LOHAS Building Design and Encouragement of Feedback were promulgated and enforced on September 4, 2014, and amended on January 11 and May 26, 2016, and April 26, 2018. As of February 27, 2020, the following statistics was obtained:

A. Number of applications: Kaohsiung LOHAS Building designs with a building permit totaled 2,502 cases, involving 78,564 households, and 945 of them have obtained a use permit.

B. Balcony Landscaping : a total area of 315,328 square meters.



Balcony with a landscape in a Kaohsiung LOHAS Building project

C. Bathrooms with a universal design: a total area of 60,753 square meters.

D. Universal common rooms and elevators: a total area of 8,996 square meters.

E. Green energy facilities: front-of-house facilities totaled 38,037 square meters; back-of-house facilities totaled 2,357 square meters.

(3) Vertical Greenery Action Plan for Kaohsiung LOHAS Building:

A. The area of legally constructed green roof has reached 338,000 square meters (equivalent to a green area of 52 standard football courts) since 2012; this can be translated to an annual reduction of 6,768 tons of CO₂ emissions (equivalent to the annual carbon uptake of 17 Da’an Forest Parks).

- B. The eco-green roof demonstration projects in Ta-Tung Hospital, Shin Kuang Primary School and Home for the Disabled were completed in 2019, and the greening area reached 1,361 square meters.



Green roof of Ta-Tung Hospital

- C. The Green Roof Subsidization Program was implemented in 2019. A total of 14 public and private buildings were included in the green roof establishment project, representing an increase of 805 square meters in the rooftop green area. The amount of subsidies totaled NT\$2.38 million.

3. The Promotion of Photovoltaic Smart Buildings

(1) Implementation Results

The city approved 1,098 filings in 2019 and set a capacity of 169,967 KW, generating an average of 217,975,545 kWh of electricity per year and reducing CO2 emissions by 115,309 tons.

(2) Promotional Events and Performance

- A. Photovoltaic facilities briefing sessions were held on October 17, November 12 and 13, 2019, attracting about 500 participants.

- B. Seed lectures on photovoltaic facilities for the city's university students in architecture and related majors were held on November 4 and 5, 2019.

- C. 60 cases of the photovoltaic power system subsidized by the Bureau between 2016 and 2018 were sample checked and analyzed for their installation, operation, and power generation status.

- D. Assistance was given to the structural safety check of the photovoltaic facilities on the city's public buildings in at least 30 cases.

- E. Cleanaway Co., Ltd. announced target accomplished for the 2019 "Photovoltaic Project for Innovative Energy Economy" on December 20, 2019 and held the press conference for presenting the smart building labels.

4. Earthquake Resistance and Related Affairs

To boost the City's performance and ability in disaster rescue, the 2019 Group Training and Drill on Post-disaster Emergency Evaluation of Dangerous Buildings was held at the Kaohsiung City Dadong Arts Center on September 21, 2019. A total of 90 technicians and architects in the City were mobilized in the hope to reduce the loss of life and property of citizens in an earthquake.

5. Management of Billboard Advertisements and Erect Advertisement Signs

The implementation result of the 2018 "Billboard Advertisements and Erect Advertisement Signs Safety Patrol, Treatment, and Supervision Program" includes putting 1,248 dangerous advertisement objects on file for monitoring, and dismantlement or reinforcement thereof was all completed. According to the document review of the Construction and Planning Agency, Ministry of the Interior under "2019 Billboard Advertisements and Erect

Advertisement Signs Safety Patrol, Treatment, and Supervision Program”, the evaluation result was “Excellent”.

6. Apartment and Condominium Management

- (1) A total of 49 review meetings were convened to review apartment and condominium certification mark applications. A total of 1,117 buildings have been granted certification.
- (2) Attorneys specializing in the laws governing apartments and condominiums were commissioned to set up a toll-free hotline, provide legal consulting services for building management committees and residents. In addition, a service counter was established at the Department of Building Affairs to provide

legal consulting services. A total of 230 individuals were served in 2019 to help resolve disputes relating to the buildings.

7. Promotion of a Barrier-free Environment for Public Buildings

- (1) In the environmental supervision on public buildings and barrier-free arcades by the Construction and Planning Agency, Ministry of the Interior, Kaohsiung City has accomplished good results once and again. The Construction and Planning Agency rated the performance as “Outstanding” in 2019.
- (2) Evaluation results of barrier-free environment for public buildings: Results of the central supervision and evaluation in the last 5 years (please refer to table 3-11 for details).

Table 3-11 Evaluation Results of Barrier –free Enviroment for Public Buildings

Unit: Case

Year	2015	2016	2017	2018	2019
Fraction	99.6	97.7	93.7	97.1	99.85
Ranking	Outstanding	Outstanding	Excellent	Outstanding	Outstanding

Disposal of Illegally Constructed Buildings

1. First of all, the Building Violations Enforcement Corps., Public Works Bureau will focus on the removal of new illegal buildings and the illegal buildings that affect public safety. In addition, the Corps. will enforce the crackdown of discarded advertisements and T-bars advertisement billboards along the sides of the National Road Expressway. The Corps. also implement the policy of

maintaining public safety, traffic, hygiene and city appearance in line with discarded vacant buildings that breed dengue fever assessed by Communicable Disease Assessment Committee and will remove the illegal buildings occupying lanes that will affect the relief of fire or disaster.

2. In 2019 (from January 1 to December 31, 2019), there were 2,736 illegal building removing cases (please refer to table 3-12 for details).

Table 3-12 Statistics on Reported and Demolished Illegally Constructed Buildings of Kaohsiung City

Item Number	Report Number	Demolition Number	Demolition number in cooperation with other agencies of Kaohsiung City Government	Total Demolition Number	
Year/Month					
2019	1	144	255	0	255
	2	142	168	0	168
	3	79	173	0	173
	4	160	196	2	198
	5	116	220	1	221
	6	135	188	2	190
	7	106	244	1	245
	8	351	246	6	252
	9	122	240	19	259
	10	159	295	1	296
	11	174	214	1	215
	12	407	245	19	264
Total	2,095	2,684	52	2,736	

New Construction Projects

1. Public Construction Projects

(1) Fengshan Sports Park Facilities Reconstruction Project

For the exterior of three venues: Fengshan Stadium, the affiliated space of the Fengshan Swimming Pool and the Fengxi Badminton Courts, this project renovates their external appearances, repaired internal facilities and adjusted their space. Its total cost is NT\$199.41 million. Construction started on June 16, 2017 and was completed on June 17, 2019.

(2) Fengshan Sports Park Facilities Reconstruction Project

In coordination with readjusting and deploying of the amount and location of sports

facilities in the Fengshan Sports Park, this project includes the following items: removing the grandstand on the south side of the swimming pool, building a new fitness center (a three-story RC structure above ground, with 2,403 square meters of floor area in total), building a new service center (one-story wooden building above ground, with 684 square meters of floor area in total), and the restoration of red clay for the existing four tennis courts. The total cost of the project is approximately NT\$95.16 million. Construction started on July 5, 2018 and was completed on August 9, 2019.

(3) Expansion Project of Shoplot Construction on the North Side of Kaohsiung Fruit and Vegetable Market

A total of sixteen shops (two stories each, with a floor area of about 30 ping each) were constructed, with a total cost of NT\$40.33 million. Construction started on August 8, 2018 and was completed on June 21, 2019.

(4) Construction of the Shanlin District Fourth Cemetery and Columbarium

Located in the Shanlin Section of Shanlin District, the project includes building a three-story columbarium above ground, a placement area for Muslim remains in Fudingjin Cemetery, a parking lot, surrounding landscapes, large Buddha statues, golden incense burners, and so on. The total floor area is approximately 1,843 square meters; the total cost is NT\$114.75 million. Construction started on October 6, 2017 and was completed on July 26, 2019.

(5) Construction of Integrated Long-term Care Center for the Elderly

After demolishing old buildings in the medical park affiliated to the Department of Health, the Integrated Long-term Care Center for the Elderly was constructed, which includes a building of two stories underground and ten stories above ground, and surrounding landscapes. Its total floor area is 21,642 square meters; the total cost is NT\$800 million. Construction started on June 20, 2017 and was completed on October 18, 2019.



Construction of Integrated Long-term Care Center for the Elderly

(6) Maritime Cultural and Popular Music Center

Located at Piers 11-15 of the Port of Kaohsiung, its building area is approximately 11.89 hectares. The project cost NT\$6.5 billion in total, including the building of an indoor performance hall with over 3,500 seats, an outdoor performance venue with 12,000 seats, a small indoor show space, a pop music exhibition area, a pop music incubation center and the Maritime Cultural Exhibition Center. The first tender project (in the Piers 13-15 area, Port of Kaohsiung) was completed on June 8, 2017; the second tender project (in the Piers 11-12 and Glory Pier area, Port of Kaohsiung) started on August 15, 2015 and is scheduled to be completed by the end of August 2020.

2. School Construction Projects

(1) Phase 2 of School Building Reconstruction at Dingjin Junior High School in Sanmin District

The project includes demolishing four old school buildings and constructing a three-story school building above ground (including teaching and office space). Its total cost is NT\$99.41 million. Construction started on September 7, 2017 and was completed on June 14, 2019.



Phase 2 of School Building Reconstruction at Dingjin Junior High School in Sanmin District

(2) Phase 3 of School Building Construction at Daliao Junior High School in Daliao District

A four-story RC structure education building above ground was constructed, including twenty general classrooms and one barrier-free

elevator, at a total cost of NT\$87.89 million. Construction started on April 10, 2017 and was completed on June 17, 2019.

- (3) Demolition and Construction of the New North Building at Zhuhu Elementary School in Luzhu District

The project demolished the existing north building, raised platform and the east wall, and built a new four-story above-ground education and administration building, a raised platform, and an auditorium and activity center. Its total cost is NT\$97 million. The construction started on August 3, 2017 and was completed on September 30, 2019.

- (4) Demolition and Construction of the New Administration and Education Building at Sanhou Elementary School in Hunei District

Implemented by starting construction before demolition, the project created a two-story administration and education building with sixteen classrooms above ground. Its total cost is NT\$48.92 million. Construction started on November 2, 2017 and was completed on October 24, 2019.

Maintenance Engineering

1. The 2019 annual road and pedestrian environment improvement projects

- (1) Weixing Road (Guangyuan Road to Zhongshan Road) improvement project and others. And the whole city's AC pavement improvement project (1 to 4 bids).
- (2) Qixian 3rd Road(Wufu 4th Road to Bixin Stret), Fengnan Road, Guotai Road(Sanduo Road to Wujia Road), Zhonghua 5th Road(Xinguang Road to Zhengqin Road), Haibian Road(Lingan Road to Wufu Road), Hehua Road, Julun Road, Huaxia Road(Chongde Road to Chonghe Road) pedestrian environment improvement projects.
- (3) Improvements in sidewalks, bike path inspections, and maintenance of park civil

facilities in Gushan, Yancheng, Sanmin, Lingya, Qianjin, Sinsing, Siaoang, Qianjhen, Qijin, Nanzi, Zuoying and other districts.

- (3) Outsourcing inspections, repairs, resurfacing and emergency repairs for roads in Renwu, Daliao, Fengshan, Gangshan and Luzhu.
- (4) Improvement of roads and ancillary facilities in districts such as Qishan, Neimen, Meinong, Liugui, Taoyuan, Maolin, Shanlin, Jiaxian and Namaxia.

2. Bike path construction

To create a healthy and livable city, Kaohsiung City promotes a friendly bicycle environment and was selected "one of the top five bicycle friendly cities in Asia" by CNN in 2010. Currently 8 types have been planned, covering the metropolitan prime area and important sightseeing spots, richer and closer, providing the public a complex living environment of convenient transportation, leisure, sports, and education. The distinction is as follows:

- (1) Harbor type: the north coast bike path from the Erren River estuary to Zihguan Kezailiao fishing port, Cijin bike path and harbor line bike path.
- (2) Mountain forest type: from Gaoping River estuary through Linyuan, Daliao embankment bike path to the Old Railway Bridge Wetland, then along the No. 29 Provincial Road to the Dashu, Cishan District bike path system.
- (3) River and lake type: including Love River, Erren River, Agongdian River, Dianbao River, Fongshan River, Chengcing Lake, Jinshih Lake bike path.
- (4) Field type: including Ciaotou, Gangshan rural bike path, Cishan, Meinong mountain town bike path.
- (5) Metropolitan commuting type: such as the metropolitan area center network, industrial and high-tech industries periphery commuting bike path system.

- (6) Special landscape type: such as the Moon World's badland terrain landscape, the Mount Dagang and Mount Siaogang, Mount Zhongliao and other bike paths system.
- (7) Sports and leisure type: such as Shanlin, Liouguei, Jiasian and other off-road bike paths.
- (8) Rural community type: such as bike paths in Hunei, Alian, Linyuan, Daliao and other districts. Until 2019, it had reached 1031 kilometers and is the green path network of highest density in the whole country. It combines the mass transit system to enhance the traffic function of "green transportation", creates an energy-saving, environmentally friendly and healthy aerobic path system for Kaohsiung City and lets Kaohsiung City leap into a friendly happy city of carbon reduction.

3. Bridges, tunnels detection improvement

- (1) Repair and reinforcement for 152 bridges.
- (2) Professional manufacturers entrusting to handle visual inspections for 845 bridges, and typhoon, heavy rain and earthquake special inspections for 452 bridges.

4. Street light project

- (1) Street lights adding and improvements for totally 35 districts about Fengshan, Qishan, Gangshan etc.
- (2) Each administrative district cooperating with the Taipower Kaoshiung branch and Fengshan branch underground projects.
- (3) Roads(streets), parks(green spaces) and bridges night lighting improvements for totally 35 districts about Fengshan, Qishan, Gangshan etc.
- (4) The works on street lights in 2019: 609 street lights setting up, 1,342 lamps replacing, 5,253 meters of pipelines digging and burying and 83 lamp poles replacing.
- (5) Private Finance Initiative System

In line with the government's energy conservation and carbon reduction policy, the city's traditional street lamps are replaced by energy-saving lamps, which not only save energy, but have benefits of saving electricity bills. This case refers to the spirit of the UK and Japan PFI (Private Finance Initiative), combines with service performance and payment mechanisms, and incorporates PFI's core values, to develop performance indicators. Under the premise in line with the level of service and without increase in budget expenditures, make street light maintenance and engineering work play a great role in achieving a comprehensive street lamps replacement with energy-saving lamps and bring gap between the urban and rural visions closer. Besides, in addition to weeding out the streetlights, the private enterprises must still be responsible for the long-term street light maintenance management, and the performance is appraised by each district office, which also can improve the quality of contractor maintenance. This proposal system had been started the work on lamps replacing in January 2020. And it is expected to achieve the goal of 120,000 intelligent lamps replacing at the end of 2020. After that, the contractor will continue to be responsible for maintenance management on street lights for 8 years.

5. Opening up parks, green spaces and children's playgrounds

This government opens up park green space. Depending on the value of regional humanity characteristics, art, ecology, pluralism, etc., build theme park with characteristics and handle renovation and transformation of old parks.

- (1) The construction project of the Fudingjin Shuanghu Forest Park in the Sanmin District
Formerly the Fudingjin Cemetery has been announced, promulgated and implemented on January 13, 2015, to change 26.41 hectares for park land. The project plan replaces the

original bare slope landscape with the concept of forest, and sets simple and graceful design techniques such as sunny slopes and sunny lawns to reduce excessive facilities. Use the sloping land conditions to set up the flower field landscape area, increase the environmental color and create seasonal topic effects, and increase the closeness of the people. In the park, we plan the pedestrian environment traffic flow for the citizens to relax and exercise and set up a viewing platform on the slope elevation to see the dotted beautiful scenery of the freeway and Jinshih Lake.

The park cooperates with the graveyard moving plan of the Mortuary Service Office of the Civil Affairs Bureau of the government. It is planned and constructed by years and in phases, and has a total development budget of about NT\$486.10 million. We also strive for the subsidy fund of Forward-Looking Infrastructure-City Heart Project from Construction and Planning Agency of the Ministry of the Interior. The budget is NT\$206.4 million and the self-raised fund is NT\$51.6 million. The first phase of the project was completed on December 8, 2017. The second phase of the project was divided into drainage, planting and landscape 3 bids for handling, and the overall project was completed in December 2019.

(2) Siaogang District 89th Rezoning Area (Shaokang Barrack Area) Park



Siaogang District 89th Rezoning Area (Shaokang Barrack Area) Park

The park is located at the intersection of Gaosong Road and Yingkou Road (formerly Shaokang Barrack Area) with an area of about 10 hectares. The base is long and narrow and L-shaped. Therefore, the planning and design content focuses on the arrangement of traffic flows and spaces. Through the traffic flows, various "fields" are created and connected in series. There are balk footpaths for the public to walk, and shallow waters provide parent-child playing water. There is a stage built on the surface of the water, with deciduous cypress, so that people can gaze at the water, rest and meditate. Different attributes and functional spaces allow the narrow green belt to create a multi-faceted appearance, which is expected to become an indicator park for Siaogang in the future. The project development fund is about NT\$260 million. It started on October 11, 2017 and was opened to use at the end of January, 2019.

(3) Weiwuying three multi-span houses surrounding landscape improvement project



The construction project of the Park in the 87th phase urban land readjustment area in the Ganshan District

The base is located around the three multi-span houses which are in the range of the land serial NO.992-5 at the Weiwu section in the Lingya district. The project improves about 5 hectares in the area and costs about NT\$40 million with a subsidy, which is NT\$30 million, of Forward-Looking Infrastructure-City Heart Project from Construction and Planning Agency of the Ministry of the Interior and the self-raised fund is NT\$8 million. The project

planning concepts include four parts: the secret park section, the ecological pool section, the activity landscape section and the central grass garden section. The project makes the three multi-span houses compatible with the surrounding environment and energetic in a way of making planting varied, flow guiding through and planning children's playgrounds.

- (4) The construction project of the Park in the 87th phase urban land readjustment area in the Ganshan District

The base, which includes the 5th, 14th, 15th, 16th, 17th, 5 park sites and occupies about 2.8 hectares, is located between Renshou South Road and Jieshou Road in the Ganshan District. The project costs 62.8 million, and it adopts reduction design, makes lots of native and flowering trees planting and pathway crossing over, and sets up the square, the landscape pavilion and the rest seats along the way. Also setting up the sandpit section in the 14th park, the children's playground in the 5th park etc., to build an all-age life landscape park. The entrance landmark, which is in the 5th park in the north side next to Provincial High Way NO.1, is made in the idea of the local screw industry and it creates a gate way image.

- (5) The construction project of the Park in the 80th and the 83rd phase urban land readjustment area in the Qianzhen District

The 80th phase urban land readjustment area is located between the Fuxing 4th Road and the Chenggung 2nd Road, and next to the Xinguang Waterfront Park. And there are the 2nd Park(1.72 hectare) and the grass space(0.45 hectare) in its range. The 83rd phase urban land readjustment area is located in the Basin NO.5 and near the Kuojian Road. And there is the 4th Park in its range. The budget of the project is estimated a total of about 49.8 million. The project is in the procedure of contracting out now.

6. The old park improvement

- (1) Old Park Maintenance Management Plan
- A. Park green space maintenance work and cleaning principles
 - B. Park cleaning and maintenance standard operation
 - C. Establish a universal notification system.
 - D. Establish supervision and reward mechanism.
 - E. Extend park maintenance time.
 - F. Advocate and ban park violation behaviors.
 - G. Promote employment plan personnel's work assignments and park maintenance management implementation plan goals to make the park "safe, clean and elegant".
- (2) There were the improvement projects of the Shanming children's playground in the Siaogang district and the Shantou Park in the Qianzhen district in 2019.

7. Promote urban landscape greening and beautifying

- (1) The greening and beautifying of the main roads, parks, green spaces and landscape attractions and the regional development balancing
- Strengthen the landscape of the main roads, targeting the Jhonghua Road, Jiuru 1st Road, Jiuru 4th Road, Cuihua Road, Dajhong Road, Gaonan Highway, Minzu Road, Boai Road, Tongmeng Road, Mingcheng Road, Jhongjheng Road, Guotai Road, Nanjing Road, Dashun Road, Chengqing Road, Sihwei Road, Minquan Road, Qingnian Road, Guanghua Road, Heping Road, Minsheng Road, Wufu Road, Jhongshan 3rd Road, Time Avenue, Kaixuan 4th Road, green belt along the light rail along the Singuang Road, special zone 1st and 2nd and Kuojian Road side. The total application length is more than 100 kilometers.
- (2) The greening and beautifying of open-spaces
- There are 17 cases, which were applied by

various bureaus, departments and the district offices, approved by the 2019 Kaohsiung City Environment Improvement In Greening and Beautifying Implementation Plan. And there is about 7.5 hectare completed in the area of greening and beautifying.

In addition, the Maintenance Office handles the works for the greening and beautifying in the side green zones of the Special Zone 1st and 2nd in Aozidi, Jhongshan 3rd Road, Kaixuan 4th Road and Lightway C1 to C8, and about the important landscape channelization islands and green spaces of the Minquan Road, Qingnian Road, Sihwei Administrative Center and 32nd Park.

The office also handles the tree planting plan for the greening and beautifying in the open-spaces of the land serial NO.106 at the Pingfeng section in the Xiaogang district, the land serial NO.256-32 at the Dingjin section in the Sanmin district, the land serial NO.255 at the Wenwu section in the Renwu district, the land serial NO.1149 at the Sicun section in the Mituo district and the land serial NO.76 at the Yucai section in the Niaosong district.

(3) Million Trees Planting Plan

Until December 2019, the total cumulative numbers of trees planted was about 797,986, and the cumulative carbon reduction was 58,476.41 tons.

8. Community Students' Path Project

In order to provide a safe and friendly students' pedestrian path environment for students, the Maintenance Office continues to plan and build a community-based students' path. Combine with the characteristics of local communities, and regard students as the main body to create a streetscape. In planning and design, each students' path, through the characteristics of liveliness, safety, innovation and user-friendliness, integrates the local culture of various schools and communities.

Let students leave good memories in the stage of learning and growth, and in order to reduce the heat island effect of the city and in response to global climate change, the city sidewalk and the students' path pavement will coordinate with the surrounding environment and geographical conditions and be gradually updated by way of adopting permeable paved surface. Until December 2019, a total of 184 community students' paths had been completed.

9. Public works maintenance and repair

(1) Road maintenance

From January to December 2019, the area of the AC resurfacing was about 3,224,788 m² and the area of the sidewalk (including students' paths) improvement was about 27,440 m².

(2) Street light maintenance

In 2019, there were totals of 19 cases of the street light outsourcing maintenance projects and 2 cases of the maintenance and emergency repair works for park lights, water, electricity, sprinkler irrigation, fountains and other facilities of the whole city.

(3) Park, green spaces, street trees greening, beautifying and maintenance

There were totals of 17 cases of the planting pruning maintenance and emergency repair work, 24 cases of park cleaning maintenance and emergency repair work, 3 cases of the addition and improvement project for the park amusement equipment and facilities, and 3 cases of the road landscape greening and beautifying project.

(4) Entrusted park cleaning and maintenance

There were a total of 746 places of the entrusted park cleaning and maintenance, which include 537 places entrusted to contractors, 182 places in small neighborhood parks entrusted to village offices and 27 places of private adoptions. We will continue to encourage companies to participate in the park adoption work.

VIII. Flood Control

Construction of rainwater sewers and flood prevention projects

Various drainage and flood improvement measures are set for areas in this City that are prone to flooding. Comprehensive upstream, midstream, and downstream improvement methods are used to systematically improve river flow, regional drainages, and seawalls under this City's jurisdiction. The goal is to effectively solve flooding problems, reduce flood damage, and guarantee the safety of people's lives and assets.

In 2019, NT\$ 2,556,759,000 was invested. Important implementation results are as follows:

1. As of the end of 2019, the planned rainwater sewer length was 891.05 km. Overall, 669.83 km were completed, for an implementation rate of 75.17%.

2. Rainwater sewer maintenance and management:

- (1) Rainwater sewer inspections were organized. Currently, checks have been completed for approximately 585 km of rainwater sewers.
- (2) According to the aforementioned inspection results, there are 10,521 locations in the rainwater sewers that require repairs and continued tracking. Of these locations, 236 locations have exposed rebar and severe concrete surface peeling/cracks that pose safety concerns. As of February 2020, 226 locations have been repaired. The repairs will continue and be completed in the first half of 2020. In addition, 679 locations have severe damage and pipes that protrude from box culverts (affecting the flood channeling cross-section), which are expected to be

repaired in 2020. As of February 2020, 203 locations had been repaired.



Rainwater sewer repair work

(3) To ensure that rainwater sewer channels in this City are unimpeded, NT\$ 60,000,000 was invested in 2019 to dredge 26 km and 340 meters. Overall, 23,578.2 cubic meters soil were cleaned. Furthermore, the City's teams also monitored weather information in real time. Whenever there is a typhoon or torrential rain announcement, each area's cleaning teams are alerted to inspect the flood-prone road sections and gutters/scuppers in low-lying sections in their respective areas. Trash cleaning in the surrounding area is also increased to ensure smooth drainage and prevent heavy rainfall from accumulating water on the roads.

(4) If cables are not attached correctly or are washed off by rain, they can easily cause trash to clog up and affect the drainage. Thus, cable installers have been requested to submit self-inspection results twice a month (the scope includes rainwater sewers and side gutters). Each week, one to two site spot checks are conducted and discussion meetings convened. Vendors are required to improve non-qualifying cables. If a vendor does not conform to the request immediately, the cables are cut. From 2019 to now, 929 cables have been organized; cable units' implementation is continuing to be tracked.

(5) According to rainwater sewer inspections, this City's rainwater sewers have 2,378 crossing pipes. To clear box culverts, a pipeline relocation and management meeting is held every month to track pipeline improvement status. Currently, pipeline units have adopted 1,119 locations and completed the changes for 199 locations. In 2020, the pipeline units will give priority to moving the pipelines in this City's flood-prone areas; these units have already been given funding of NT\$ 15,000,000 by the City Government for accelerated processing.



Rainwater sewer dredging work

3. Maintenance of medium and small drainage:

- (1) Drainage paths that flow through urban planning areas and heavily populated areas (a total of 159 drainage paths with a total length of 94,329 meters) should be inspected for dredging at least once a year. After compilation of recommendations from committee members and requests from village chiefs and the public, 1999 cases were listed in the annual dredging plan after evaluation. When there is torrential rain or other natural disasters, inspectors will be sent on patrol or to conduct dredging.
- (2) In 2019 the funding was NT\$ 34,300,000. Approximately 109 km and 284 meters were dredged and 60,654.5 cubic meters of soil removed.

4. Regional drainage:

- (1) This City's main water collection system can be divided into Erren River, Agongdian River, Gaoping River and 16 drainage systems.

There are three main rivers, 13 tributaries and four regional drainages managed by the central government, as well as 120 drainages managed by the city government. The total length is approximately 398 km.

(2) Dredging and maintenance work for regional drainages



Channel dredging work

A. Every year the channel siltation is inspected; first stage (emergency section) dredging will be completed before the following year's flood season. During the flood season, open-ended contracts will be used to assign dredging work in a progressive manner to maintain channel smooth passage and to improve facilities.

B. In 2019 the dredging fund was NT\$ 60,000,000. For sections that require emergency dredging, funding of NT\$ 30,000,000 was obtained. The total dredging fund thus amounted to NT\$ 90,000,000. In total, 149 km were dredged and 420,000 cubic meters of soil removed.

5. Detention pond projects and operation/maintenance

(1) Detention pond construction status:

A. As of 2019, this City has completed 15 detention ponds: Benhe Flood Detention Area in Sanmin District, Ben'an Park and Flood Detention Area, Baoye Flood Prevention Park, Shanzhiding Ditch Flood Detention Area in Daliao District, Dianbao River Zones A and B Flood Detention Areas in Gangshan District, Dianbao River Zone D Flood Detention Area in Alian District, Cianfongzih Flood Detention Area, Shihlong River Flood Detention Area in Renwu District, Beiwu Flood Detention Area, Yong'an Flood Detention Area in Yong'an District, Fongshan Canal Flood Detention Area in Niaosong District, Chaishan Park and Flood Detention Area in Gushan District, Bagua Park and Flood Detention Area in Renwu District, and Shihcyuan Flood Detention Park in Sanmin District. The combined total flood detention quantity is 3,266,000 cubic meters.



Shihcyuan Flood Detention Park project



Dianbao River Zone D flood detention pond project (first-phase)

- B. In 2020, the Wujiawei Flood Detention (Storage) Area is expected to be implemented. The bidding was posted online in March 2020. This is expected to increase the flood detention quantity by approximately 600,000 cubic meters by August 2021.
- (2) Detention pond maintenance work: the sluice gates, generators, and water pumps set up inside detention ponds are important equipment that determines whether the detention ponds can work properly. Regular annual maintenance and sluice gate dredging are conducted for different installations. In addition, function tests are conducted for different installations before a Category 3 typhoon torrential rain.



Pumping station on Jhongjheng Road in Zihguan

- (3) Establishing detention pond operation standardization

The most suitable operation methods are planned according to the location and capacity of each detention pond and different rainfall conditions. Standardized work procedures are used to lower the water level to the appropriate water level before the typhoon torrential rain.

6. Coastline protection

- (1) The aquatic scope for this City's Water Resources Bureau Level 2 Coastline Protection Plan Level 2 Coastline Protection Area (medium potential for coastline erosion is from the mouth of Kaohsiung City's Dianbao River to Fongbitou in Siaogang District (intersection of Siaogang District and Linyuan District, covering a distance of 38 km). The protection integration planning report was approved on December 6, 2019. Currently, the protection plan (draft) is expected to be submitted to the Water Resources Agency for review in April 2020.

The plan is expected to be announced and implemented on February 6, 2021.

- (2) Cieding coast: the Cieding coast is 5.8 km in total length and began undergoing improvement in 2012. The coastline improvement was completed at the end of 2019



Flowers blooming along Kaohsiung's river banks during the 2019 Chinese New Year



Convened the Kaohsiung City Flood Prevention Comprehensive Review and Mobile Proposal Seminar on March 29, 2019

Construction of sewage facilities

The processing of domestic sewage can stabilize the quality of river water, eliminate the breeding of disease vector mosquitoes (decrease the prevalence of dengue fever), and effectively improve the living environment. Thus, the City Government has listed sewers as an important construction. There are 10 planned sewage areas in this City and the total planned service area is approximately 39,283 ha. Currently, the Kaohsiung, Nanzih, Linhai, Fongshan River, Gangshan Ciaotou, Dashu, and Cimei sewage areas are being constructed. An estimated 2,420,000 people will be covered in the service area by the project's target year. Currently, three sewage areas, Daliao Linyuan, Hunei and Lujhu, have already been planned. Each sewage area covers this City's Love River, Houjin River, Yanshueigang River, Fongshan River, Agongdian River, Dianbao River, Gaoping River, and Erren River.

In 2019, NT\$ 1,413,243,000 was invested with 1,506.96 km of sewage pipelines constructed. Pipeline user connection rate is 44.62% (a total of 494,996 users are connected to the pipelines). Construction results are as follows:

1. Kaohsiung sewage area's fifth-phase implementation plan: approximately 859 km and 930 meters of sewer pipelines were completed and 352,321 users connected to the pipelines.



Kaohsiung City's sewer system maintenance open-ended project

2. Linhai sewage area's second-phase implementation plan:
 - (1) Approximately 46 km and 410 meters of sewage pipelines were completed.
 - (2) Linhai sewage treatment plant and water recycling plan: work commenced on March 4, 2019. The objective is to provide 33,000 CMD of water by 2022.
3. Nanzih sewage system BOT project: approximately 175 km and 180 meters of sewage pipelines were completed and 43,908 users connected to the pipelines.



Central region sewage treatment plant power system reliability improvement plan



Central region sewage treatment plant power system reliability improvement plan

4. Fongshan River sewage area's fourth-phase implementation plan
 - (1) Approximately 262 km and 800 meters of sewage pipelines were completed with 87,212 users connected to the pipelines.
 - (2) "Civil Participation in the Kaohsiung City Fongshan River Sewage Treatment Plant and Effluence Recycling BOT Demonstration Project": the second-phase project was completed in August 2019, supplying 45,000 cubic meters of recycled water daily. This is nearly one-fifth of the daily water needed by the Linhai Industrial Park and is a significant benefit to water resources allocation.



Civil Participation in the Kaohsiung City Fongshan River Sewage Treatment Plant and Effluence Recycling BOT Project



Civil Participation in the Kaohsiung City Fongshan River Sewage Treatment Plant and Effluence Recycling BOT Project

5. Cimei sewage area's third-phase implementation plan: approximately 68 km and 80 meters of sewage pipelines were completed with 4,170 users connected to the pipelines.
6. Gangshan Ciaotou sewage area's first-phase implementation plan: approximately 76 km and 120 meters of sewage pipelines were completed with 4,062 users connected to the pipelines.
7. Dashu sewage area's third-phase implementation plan: approximately 18 km and 430 meters of sewage pipelines were completed with 3,323 users connected to the pipelines.
8. Sewage pipeline replacement work

(1) Open-ended contract project for city-wide sewer system maintenance: As of 2019, 149,678 meters of pipelines (including

4,808 meters of large diameter pipelines) were inspected. Of these, 73,326 meters were damaged. Currently, 32,702 meters have been repaired and 40,624 meters have not yet been repaired. Although the probability of disasters caused by damaged pipelines has been effectively reduced, there are still large quantities of sewage pipelines that urgently require inspection and repair. In the next four years, not only will TV inspection of pipelines that have reached inspection age (approximately 487,157 meters) continue, but pipelines that have been inspected but not yet repaired (approximately 40,624 meters) will also be repaired.

(2) Love River Water Environment Improvement Plan – Love River Sewage Interception System Sewage Pipeline Inspection and Improvement Plan: 2019 implementation results:

- A. TV inspection quantity: 3780 meters
- B. Section repair quantity: 9,678 meters
- C. Obstacles removed: 2,466 meters
- D. Manhole lowering quantity: 11 locations
- E. Manhole raising (rounding) quantity: 128 locations
- F. Manhole interior wall spraying/plastering repair quantity: 173.92 meters



Love River sewage interception system pipeline inspection and improvement



Love River Surrounding Water Environment Plan – Sewer Sluice Gate Replacement



Fongshan Canal water quality improvement and purification plant test operation completed

9. Abolishing buildings' existing septic tanks or changing them to sewage pits: the 2019 budget was NT\$ 2,000,000. There were 212 first-stage site survey cases (1,741 cases accumulated). For the second-stage qualification drawing review, there were 23 applications (85 applications accumulated). Seventeen projects passed the third-stage document review and were completed (45 projects accumulated). NT\$1,488,000 has been allocated; in 2020, we will continue to process building subsidy applications.
10. Fongshan Canal Flood Detention Area water purification plant: work was done on the Dipu drainage and sewage system. The detention pond and the Fongshan Canal were then released as a source of clean water to revitalize the water environment and ecology. At the same time, the Fongshan Canal sewage interception was done to significantly improve the upstream water quality of Fongshan River. In May 2019, this area entered the three-month trial operation stage and the work was completed and put into operation in August 2019.
11. “The Agongdian Reservoir Combined Purification Tank (Low-Impact Development or Non-point Source Control Facility) Project” pilot program: in response to the severe eutrophication of the Agongdian Reservoir caused by pollution, new phosphorus removal technology from Japan was introduced. The procedure uses multiple layers of composite material to filter and purify the water. Appropriate water quality improvement projects were selected based on sites to serve as pilot programs. In the future, we will cooperate with the Environmental Protection Bureau on the implementation of a total quantity management plan and conduct three-year result assessment verification to obtain the optimal parameters. Once the project is completed, it will be transferred to the Water Resources Agency's Southern Region Water Resources Office for maintenance and management. In the future, this project can be expanded to other rural settlements or for processing non-point source pollution.

12. Love River Surrounding Water Environment Plan – Sewer Sluice Gate Replacement (second bid): the interception station flood prevention gates were replaced and old and damaged interception wells along Love River repaired/replaced. This can effectively prevent external water from entering the sewage pipelines and save an estimated NT\$ 36,000,000 in annual central region sewage treatment plant operation and maintenance. This also prevents sewage from flowing into Love River to ensure its water quality. After the gates and electromechanical facilities were updated, remote real-time monitoring can be used to monitor various interception station operations. This can reduce manpower costs and was completed in December 2019.



Civil Participation in the Kaohsiung City Linhai Sewage Treatment Plant and Effluence Recycling BOT Project



Cingpu Ditch Water Purification On-Site Processing Project's commencement and guide explanation activity

Flood prevention and response

1. Currently, this City is operating 48 pumping stations and 17 interception stations (a total of 65 stations). In addition, there are 15 detention ponds. The pumping capacity of the pumping stations can reach 221.67 CMS. Overall, 471 sluice gates and 12 simplified water pump stations have been installed to respond to flood prevention needs during the flood season.



2019 flood prevention preparation

2. In 2019, 24 mobile water pumps with 0.3 CMS capacity were purchased. Currently, this City's Water Resources Bureau has 132 large mobile water pumps (two 16 inch, 113 twelve inch, 17 six inch). When typhoons or torrential rain occurs, the pumps are pre-allocated. Each year, professional vendors are commissioned to maintain and adjust the mobile water pumps to increase disaster rescue mobility and flood prevention capacity. The goal is to lower the

water accumulation in the City's low-lying areas.

3. The NCKU Hydraulic and Ocean Engineering R&D Foundation has been commissioned by the Water Resources Bureau with around-the-clock water monitoring work. During severe weather changes, the Internet or SMS will be used to activate response centers as a preventive measure. If the rainfall increases, the city disaster response center will be formed.
4. The Kaohsiung City smart flood prevention network is built with IoT technology combined with flood disaster prevention. The installation of 60 road flooding sensors and 15 water level stations is planned to improve flood monitoring. Sixty of the existing mobile water pumps were selected to be installed with GPS and fuel sensors so that disaster prevention personnel can master real-time flooding situations and make the best and fastest disaster prevention decisions. IoT cloud data can also be used to build flood simulation. The predicted rainfall, observation data, and hydrological and geological data can be input into the model to conduct big data analysis. This can produce forecasts of the flooding scope in the next one to three hours and provide citizens and disaster prevention personnel with early preparation time. This is expected to be completed at the end of 2020.



The implementation of local autonomous flood prevention communities achieved good results again.



The implementation of local autonomous flood prevention communities achieved good results again.

- In 2019, this Bureau cooperated with the Military Service Office on the implementation of the “2019 All-Out Defense Mobilization and Disaster Prevention and Rescue (Minan No. 5) Drill.” This City is also continued to promote the building and guidance of autonomous flood prevention communities (two newly built) and community updating and operation (38 locations). Community education and training, full-scale exercises, site observations, and annual community result exchange seminars are also held.



Kaohsiung City 2019 All-Out Defense Mobilization and Disaster Prevention and Rescue (Minan No. 5) Drill

Soil and water conservation

- This City is 295,185 Ha in size. Of which, 218,800 Ha are slopes and hills (74% of the total area). This City currently also includes 111 river/creek areas with landslide potential. To ensure the life and asset safety of the public, a budget is prepared each year for hillside improvement and disaster prevention projects and disaster prevention projects for rivers/creeks with landslide potential. The ultimate goal is to reduce damages and ensure the safety of residents.



Mudslide prevention advocacy

- In 2019, this Bureau obtained NT\$ 30,580,000 in funding from the Council of Agriculture, Executive Yuan for four dredging projects conducted in Maolin District, Liouguei District, and Namasia District. A total of 2,650 meters were dredged and 228,990 cubic meters of soil removed. A budget of NT\$ 136,761,000 was allocated to 21 river improvement projects. A total of 3,279 meters were improved and 20,000 square meters of collapsed areas were improved.



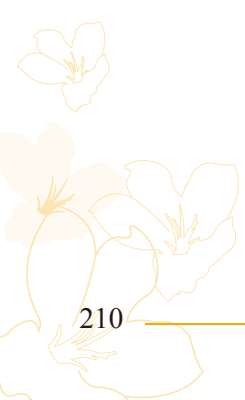
Liouguei District Laonong Village Jhangfen Creek
second-phase improvement project



Liouguei District Laonong Village Jhangfen Creek
third-phase improvement project



Zuoying underground sewer filling-in and restoration
project





CHAPTER 4



Education and Culture

- I. Educational Development
- II. School Education
- III. Social Education
- IV. Cultural and Recreational Activities
- V. Mass Communication

■ 鳳山火車站大型候車亭

I. Educational Development

Education administrative organization and funding budget

The Education Bureau has nine divisions and six offices (including the Division of Senior and Vocational High School Education, the Division of Junior High School Education, the Division of Elementary School Education, the Division of Preschool Education, the Division of Special Education, the Division of Social Education, the Division of Physical and Health Education, the Division of Information and International Education, the Division of Engineering Management, the Secretariat Office, the Campus Safety Affairs Office, the Inspector's Office, the Accounting Office, the Personnel Office, and the Civil Service Ethics Office); it also has jurisdiction over the Social Education Center, the Family Education Center, and all

public and private schools and preschools below the high school level.

During the 2019 academic year, there were 18 colleges citywide. This Government has jurisdiction over 360 public and private elementary, junior, and senior high schools (including 36 senior/vocational and experimental high schools, 80 junior high schools, 240 elementary schools, and four special education schools). In addition, this Government has jurisdiction over 22 junior high schools with extension education programs, 16 elementary schools with extension education programs, five international schools, and 656 public and private preschools (including 211 municipal preschools and preschools attached to elementary schools).

In 2019, this Government funded NT\$ 42,577,010,000 to support education funding (see Table 4-1).

Table 4-1 Kaohsiung City Government Education Bureau's expenses and growth

Unit: NT\$

Year	Total budget for the City	Education Bureau's budget	The proportion of the Education Bureau's budget in the City's total budget in percentage	Growth percentage
2015	123,425,220,000	42,332,745,000	34.30	0.81
2016	120,354,493,000	42,823,593,000	35.58	1.16
2017	128,799,990,000	42,124,088,000	32.71	-1.63
2018	129,165,402,000	41,895,727,000	32.44	-0.54
2019	133,489,579,000	42,577,010,000	31.90	1.63

Data source: The 2018 Kaohsiung City agency budget comparison table

Expansion and updating of school facilities and equipment

To build a superior learning space and make teaching sites' facilities/equipment more

complete, this Government had set aside an education development foundation budget of NT\$ 2,619,855,000 in 2019, as well as approved the processing of approximately NT\$ 1,042,681,000 for a total of NT\$ 3,662,536,000.

The funded items are introduced as follows:

1. Subsidies to this Government's schools at all levels amount to approximately NT\$ 1,285,362,000. The subsidies are used for purchasing teaching equipment (such as characteristic development teaching, basic teaching and learning, and books), improving the teaching environment (such as installing air conditioners and air purifiers, repairing classroom and improving lightening, school building waterproofing and insulation, drainage improvements, and monitoring systems), providing students with a friendly learning environment, and setting up school community shared reading stations, community diverse learning centers and community multifunctional learning centers. The goal is to vitalize campus space, promote community learning, and benefit the development of school education.
2. Subsidies of approximately NT\$ 1,334,330,000 were granted to this Government's schools at all levels to demolish old school buildings and build new ones, renovate old toilets, improve school buildings' earthquake resistance or rebuild them, and repair damages caused by campus disaster.
3. Subsidies of approximately NT\$ 241,047,000 were granted to this Government's schools at all levels to build covered courts and tracks, improve physical education sports environment, and purchase physical education equipment. The goal is to build a high-quality and safe sports environment to promote the development of physical education and sports.
4. Subsidies of approximately NT\$ 403,837,000 were granted to this Government's elementary and junior high schools for campus digital building projects (including the establishment of campus smart networks and smart classrooms), and to develop mobile learning and programming education promotion plans. The objective is to help promote this Government's elementary and junior high schools' information equipment infrastructure environment and information education operations.
5. Subsidies of NT\$ 325,620,000 were granted to this Government's preschools (including those attached to elementary schools and non-profit ones) to improve their teaching environments and facilities/equipment, while building new non-profit preschools. Dedicated children's shuttles and additional second-hand toys and library equipment were purchased to supplement public educare service starting equipment.
6. Subsidies of NT\$ 33,557,000 were granted to this Government's schools at all levels for updating and purchasing special education teaching equipment. NT\$ 38,783,000 was used to improve and repair campus barrier-free facilities and to realize campus safety maintenance.

II. School Education

Higher education

The competent authority for this item is the Ministry of Education. The number of colleges and universities managed by this Government ranks number three in Taiwan, only fewer than Taipei City and New Taipei City. National

Kaohsiung University of Science and Technology that merged and was established on February 1, 2018 is the largest university of science and technology in Taiwan and the second largest public school in Taiwan. It benefits students in

Southern Taiwan because of its proximity, while increasing the quality of education for the public. It has also taken advantage of the government's sister city exchange policy to set up the Kaohsiung City International Student Scholarship. This scholarship encourages international students to enroll in this Government's colleges (students from sister cities have priority in enrollment).

The Open University of Kaohsiung

The Open University of Kaohsiung was founded in 1997. It has six departments: Department of Law and Political Science (Law Program and Political Science Program), Department of Industrial and Business Management, Department of Mass Communication, Department of Foreign Languages and Literature (English Program and Japanese Program), Department of Culture and Arts, Department of Technology Management, and a General Education Center. From its establishment to the spring semester of the 2019 academic year, over 45,000 students have enrolled at the University. Among them, 24,700 are current students who have taken courses. As of the fall semester of the 2019 academic year, 8,100 students graduated. On average, over 4,000 students attend the University each semester (including summer and extension education courses). The Open University of Kaohsiung is a municipal university established by Kaohsiung City Government and a university tasked with social education and life-long learning. The University's governance motto is "transformation, innovation, diversity, cooperation, and service." A "practical and happy university" is how the University defines itself. It provides adults with diversified learning under the following favorable conditions: education qualifications are not required; there is no need to pass the college entrance exam; students can work while studying; the tuition is reasonable; digital learning, flexible learning, urban learning, and life-long learning are available. It can satisfy the learning needs of city residents so that

learning is not limited by time or space. The University also integrates adaptive education strategies into practical-oriented courses according to the needs of different demographic groups, offering classes for the development of Kaohsiung citizens and a future society besides strengthening education. In this way, the University works to cultivate leaders and key talents for the City's development.

Senior and vocational high school education

This Government has ten national senior and vocational high schools (414 classes with 12,918 students), 24 municipal senior and vocational high schools (990 classes with 32,180 students), and 19 private senior and vocational high schools (847 classes with 27,503 students).

Senior high school education focuses on cultivating students' academic potential, whereas vocational high school education emphasizes learning practical skills and earning a certification. Important measures are as follows:

1. Promoting the multiple admission program for senior high schools

In response to the central government's promotion of the 12-year basic education policy, Kaohsiung has planned the friendliest ways to enroll in school. This Government has organized examination-exempt enrollment and characteristic recruitment according to the Multiple Admission Regulations for Processing Students into Senior High Schools. This encourages students to develop according to their aptitude and ability, as well as suitably provide junior high school students with guidance on diversified learning.

2. Promoting optimization of senior and vocational high schools

The Ministry of Education's Vocational High School Optimization Subsidy Program and Senior High School Optimization Subsidy

Program are combined to advance senior and vocational high school optimization and to promote the school optimization plan aiming to “optimize, specialize, and diversify”. The objective is to improve the quality of senior and vocational high schools and enhance student learning and career development results.

3. Developing basic science education

We have promoted the natural science experiment guidance plan, realized promotion and guidance teacher visitation in science education, improved the research ability of gifted mathematical students, and encouraged students to participate in various national or international competitions, while co-developing nature exploration and hands-on course material via junior high school, senior and vocational high school, and college strategic alliances.

4. Experimental education: encouraging innovative education concepts

To promote innovative experimental education, this Government has established the Non-School Type Experimental Education Review Committee and the School Type Experimental Education Review Committee. The goal is to actively establish a comprehensive and diversified experimental education environment and use the flip education system, courses, and teaching methods to demonstrate Kaohsiung education’s diversity and innovation.

5. Promoting reading education and expanding students’ learning perspective

We have promoted the iStudy Learning Platform plan and organized cross-school thesis camps and Towards the Sea of Books: Inter-School Reading Competition to promote knowledge exchanges among students, while increasing reading fun and improving the theme reading creativity and appraisal ability of senior and vocational high school students via fun competitions.

6. Developing vocational education and cultivating talents for industries

We have pushed for the localization of academia-industry collaboration, allooting senior and vocational high schools, as well as colleges and universities, to have access to resources of industries, which helps schools to fill the gap between what students learn at school and actual practice and help students meet the needs of industries and the international market. Additionally, teachers can also improve their expertise and help cultivate distinctive talents for the localization of industries.



Implementing the Industry 4.0: Smart Manufacturing and visiting the Digital Experience and Application Center of Siemens in Taichung

7. Promoting skills-based education to allow students to explore their potential in a diversified manner

We have developed junior high school skills-based education and conducted student career aptitude tests. We have guided students to advance to subjects or practical skills courses related to vocational high schools. We have facilitated talent matching between industries and schools by encouraging students to participate in skills competitions for senior and junior high school students. Additionally, We have also combined class learning with industry learning, developing cooperative education classes and giving full play to the advantages of sandwich courses.



2019 National Vocational Skills Competition for Industrial Engineering Students of Junior and Senior High Schools (Robotics)



Junior High School Skill-based Education Competition (home economics group)

Table 4-2 Kaohsiung City senior and vocational high school education development overview

Type	Academic year Statistics	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
		Municipal senior and vocational high school	Number of schools (schools)	18	18	18	18	24	24	24	24	24	24	24
Number of classes (classes)	814		815	810	821	932	936	934	932	932	1005	998	998	990
Number of students (students)	30,502		30,727	30,860	31,127	34,966	35,330	35,485	34,870	34,486	35,541	35,019	33,710	32,180
Private senior and vocational high school under the jurisdiction of the Bureau	Number of schools (schools)	10	10	10	10	10	10	10	10	10	10	10	10	10
	Number of classes (classes)	493	462	463	468	474	478	447	414	395	607	569	532	498
	Number of students (students)	22,833	21,960	22,204	22,147	22,019	21,583	19,666	17,478	16,411	23,072	20,801	18,239	15,724

Date source: Kaohsiung City Government's Education Bureau

Note: The continuing education departments (schools) were included in the statistics from the 2016 academic year onwards.

Junior high school education

This Government has three national junior high schools (39 classes with 1,157 students), 90 municipal junior high schools (2,557 classes with 63,520 students), and eight private junior high schools (115 classes with 3,606 students).

Junior high school education needs to focus on adaptive education and mental/physical guidance that constitute the approach: teaching students in accordance with their aptitude, so that students can give full play to their potential, build

their self-confidence, and affirm themselves. Important measures are as follows:

1. Promoting teaching normalization and improving teaching performance

We have concentrated the organization of normal class grouping for newly admitted students in computer classes and allocation of homeroom teachers to normalize teaching. We have actively conducted studies in various fields and encouraged teachers to further their studies. We have implemented teachers' professional

development evaluation to realize normal class grouping and teaching normalization visits. We have also provided guidance on improving teaching knowledge and educational quality.

2. Developing science and technology education

We have established teaching resource centers. In coordination with the emphasis on “do, use, and think” in the technology field in the new curriculum, we have focused on science and technology education courses and teaching improvement studies. We have also organized various competition events to trigger learning ability and build students’ self-confidence. We have combined competitions with international exchanges to amplify students’ learning efficiency and help them cultivate the ability to solve problems through teamwork.



Organizing science fairs at Kaohsiung’s national elementary and junior high schools: the “Quality Air To-Go” activity of Kaohsiung Jhong Jheng Maker Education & Technoloav Center



2019 Life Science Competition for Southeast Asian Students: a workshop for teachers and students

3. Promoting reading education

We have promoted plans to improve junior high school students’ reading ability. We have established the digital reading evaluation platform “Happy Read.” We have selected 188 outstanding books and shipped them to the classrooms so that urban and rural children can enjoy the same level of reading and learning resources.

4. Organizing learning improvement plans to improve students’ learning results

We have expanded the organization of learning improvement plans and increased learning activities for low-achieving students to improve their learning and ensure education quality. We have improved disadvantaged students’ school achievements to realize the ideals of equal education opportunity and social fairness and justice.

5. Promoting friendly campus work

We have integrated teaching, student affairs, and guidance work. We have trained teachers to develop their ability in relation to student guidance. We have strengthened school staff’s guidance concept and advocated restorative justice as a response to campus bullying and conflict events. We have established a zero physical punishment, zero refusal, and zero bullying campus culture.

6. Realizing teacher-student psychological guidance and counseling

This Government’s student guidance and counseling center is the first professional teacher-student psychological guidance and counseling agency in Taiwan. After the city-county consolidation, the center established branches in seven schools: Minzu Junior High School, Da-Yi Junior High School, Cianjhen Junior High School, Youth Junior High School, Zhongyi Elementary School, Cishan Junior High School, and Lujhu Senior High School to

integrate and improve the center's service quality. The center has actively expanded its service range to provide close-by service.

7. Promoting marine education

We have developed local marine education courses, created a marine education environment, and combined universities and social education agencies into a strategic alliance. The goal is to build a marine education support network and cultivate students' basic marine knowledge by increasing marine education activities and exchange visits. In 2019, we won the Local Government Award (Distinction) for Achievement in Marine Education Promotion, as well as the Individual and Group Awards of the 1st Marine Education Contribution Awards.



Receiving the Local Government Award for the Achievements of Marine Education Promotion 2019



The exhibition at the site of the Local Government Award for the Achievements of Marine Education Promotion 2019

Table 4-3 Kaohsiung City junior high school education development overview

Type	Academic year Statistics	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
		Municipal junior high school	Number of schools (schools)	39	39	39	88	88	88	89	89	89	89	89
	Number of classes (classes)	1,926	1,853	1,854	3,228	3,261	3,247	3,239	3,180	3,011	2,816	2,701	2,623	2,557
	Number of students (students)	59,976	59,432	58,629	99,077	94,392	91,479	89,788	85,984	79,264	72,090	68,435	65,396	63,520
Public and private junior high school	Number of schools (schools)	8	8	8	12	11	11	11	11	11	11	11	11	11
	Number of classes (classes)	129	130	131	161	161	158	161	159	162	156	152	149	154
	Number of students (students)	4,963	5,086	4,735	5,608	5,446	5,483	5,518	5,328	5,311	4,828	4,703	4,618	4,763

Notes: 1. The statistics include junior high schools attached to senior high schools, but do not include special education schools. The Padan Indigenous Experimental School was added to the statistics on municipal junior high schools in the 2019 academic year.

2. Data source: Kaohsiung City Government's Education Bureau

Elementary school education

This Government has one national elementary school (six classes with 168 students), 242 municipal elementary schools (including two elementary and junior high schools; 5,059 classes with 122,149 students), and four private elementary schools (61 classes with 1,448 students) in its jurisdiction.

The objective of this Government's elementary schools is to build a warm learning environment and develop a healthy personality in students by using different evaluations and emphasizing parent-teacher cooperation. Important measures are as follows:

1. Developing local education and setting roots in local feeling

We have established and convened a local education promotion committee and implemented Taiwan Native Language Day and World Native Language Day activities. We have compiled local teaching materials and taught native languages. We have organized multicultural activities and taught students about local sites. We have conducted local field trips.

2. Helping disadvantaged students learn and realizing social fairness and justice

We have subsidized afterschool care classes and clubs, as well as nighttime angel (afterschool student care) and remedial teaching projects. We have organized education priority areas, education savings and collection agent fee reductions to reduce disadvantaged students' burden.

3. Making the guidance teacher system more complete and cultivating a healthy personality in students

We have added part-time and full-time elementary school guidance teachers. We have established a group supervision system and planned related ability improvement courses to

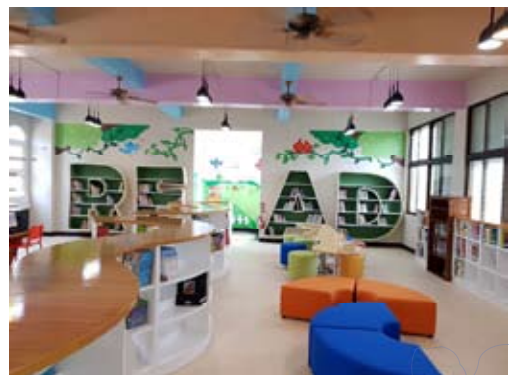
enhance guidance teachers' expertise. We have also combined the resources of student guidance and counseling centers, and helped students adapt to life via a three-tier counseling mechanism.

4. Encouraging teachers' professional growth

We have promoted teaching advancement plans, and organized teacher profession development implementation plans and teacher profession learning groups. We have encouraged teachers to conduct and publish action research to improve their teaching efficacy. We have also subsidized teaching excellence awards and the Best Education-KDP to drive teachers' professional development via competitions.

5. Promoting reading education and cultivating students' autonomous reading ability

We have set and promoted overall reading plans. We have drafted reading education indices and built the iReading Games website. We have used a lively, autonomous, and interactive learning model to teach students to love reading. We have planned ability improvement studies for teachers and subsidized schools' purchase of books and library repairs. We have conducted reading education that emphasizes both quality and quantity.



Community-shared reading stations



iReading Challenge

6. *Cultivating students' art education and developing their aesthetics and creative abilities*

We have promoted aesthetic education, while integrating corporate and private resources. We have made course material more comprehensive, reconstructed campuses' aesthetic environment, and improved faculty and staff's aesthetic awareness. We have organized the Kaohsiung Fun Arts Summer Festival, an art festival for kids with the themes of “combining arts with English education”, “fulfilling arts equity”, and “interdisciplinary alliance across industries.” We have had domestic and international teams perform in Kaohsiung to create children's art carnivals and learning results with an international perspective.



Fun Arts Summer Festival (public art display: the Sweet Memory House)



Fun Arts Summer Festival (joint exhibition with art classes and the Exhibition of Creative Collections)



Fun Arts Summer Festival (opening ceremony)



Fun Arts Summer Festival (Magic Stage)

Table 4-4 Kaohsiung City elementary school education development overview

Type	Academic year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	Statistics													
Municipal elementary school	Number of schools (schools)	87	88	88	240	240	240	240	241	242	242	242	242	242
	Number of classes (classes)	3,413	3,722	3,258	6,082	5,988	5,860	5,580	5,481	5,548	5,164	5,051	5,050	5,059
	Number of students (students)	108,436	105,061	97,179	170,860	165,149	150,416	139,599	135,819	133,770	130,572	125,984	121,176	122,149
Public and private elementary school	Number of schools (schools)	5	3	4	5	4	5	5	5	5	5	6	5	5
	Number of classes (classes)	55	26	32	41	42	42	44	48	54	54	60	63	67
	Number of students (students)	1,549	513	766	914	889	938	985	1,081	1,167	1,068	1,425	1,498	1,616

- Notes: 1. 'National elementary school' refers to the elementary school attached to the Affiliated Junior High School of National Kaohsiung Normal University. 'Private elementary school' refers to an elementary school attached to a private senior high school (excluding international schools).
 2. The number of classes does not include art, physical education, and special education classes.
 3. Data source: Kaohsiung City Government's Education Bureau

Preschool education

This Government has 211 public preschools, 22 non-profit preschools, 141 quasi-public preschools 281 private preschools, and one village mutual-care educare service center with a total of 62,813 students.

This Government is actively guiding the establishment of preschools, adding classes, and setting up non-profit preschools, and promoting quasi-public services. Funding has been invested to purchase teaching equipment. Funding has also been set aside to subsidize preschool education so as to reduce parents' economic burden. Important measures are as follows:



"Kid Reading" educational activity at preschools



A public preschool opening new classes (The Affiliated Preschool of Wang Gung Elementary School)



The Affiliated Preschool of Ji Dung Elementary School receiving the Outstanding Teaching Award

1. Implementing preschool education subsidization policy

We have given priority public preschool attendance to low- and medium-income families, children of medium-level or higher mentally or physically challenged persons, and preschoolers with physical or mental disabilities in Kaohsiung. We have organized various preschool subsidies and measures, such as no tuition for public preschools students, subsidies for non-profit preschools and quasi-public preschool students, no tuition for five-year-old children, subsidies for low- and medium-income families' preschooler education, subsidies for preschool education and care, and subsidies for two- to four-year-old children's daycare to ease burden on parents.

2. Making preschool teaching equipment and facilities more comprehensive

We have guided the establishment of preschools and increased the number of classes to increase opportunities for preschool attendance. We have subsidized preschool facility/equipment improvement to improve this Government's preschool education environment and quality.

3. Strengthening preschool public safety inspections

We have implemented regular annual preschool public safety inspections with the Public Works Bureau, the Fire Bureau, and the Department of Health. We have supervised preschools in emphasizing campus public safety to provide a safe and healthy learning environment for young children.

4. Auditing and guiding undocumented educare agencies

We have audited and guided undocumented educare service agencies in becoming legal agencies. Those who have not been documented but continue to operate will be fined. When necessary, undocumented agencies will be continuously fined and forcefully shut down to

ensure legal operators' rights and young children's learning quality.

5. Processing preschool guidance plans

We have promoted preschool education profession and characteristics. We have actively promoted preschool guidance plans. We have developed preschool educare activities. The goal is to improve preschool educare service and quality, while realizing teaching normalization.

6. Increasing public preschool manpower

To ensure that young children receive adequate education and care, and to make the preschool education and care system more comprehensive, this Government is gradually using public preschool contracts as per the Early Childhood Education and Care Act to increase the number of educare personnel, kitchen staff, employees, and nursing personnel.

7. Expanding the provision of public educare services

To provide reasonably priced and quality assured educare service, this Government is actively expanding its provision of public educare services. Three classes with an extra capacity of 75 students at public preschools, and 26 classes at five non-profit preschools with a capacity of 724 students were added in the 2019 academic year, resulting in the admission of 13,574 children to 211 public preschools and 2,474 children to 22 non-profit preschools.

Special education

Regarding education for the physically and mentally challenged, in addition to the four special education schools, concentrated special education classes and unclassified tour guidance classes have been set up in preschools. Concentrated special education classes, resource rooms, and unclassified tour guidance classes have been set up in elementary and junior high schools. Concentrated special education classes,

resource rooms, and four guidance classes have also been set up in senior and vocational high schools to meet the needs of special education students. For gifted students, gifted resource rooms have been set up in elementary and junior high schools. Music, art, dance, and other gifted resource rooms have been set up in schools at all levels according to need. Important measures are as follows:

1. Improving professional special education organizations

We have actively established special education student identification and schooling guidance associations, special education consultation associations, resource center for the Gifted and Talented, and creative learning centers, while setting up special education promotion committees and other hierarchical organizations in schools. The goal is to build a professional network that provides services to special education students, teachers, and parents.

2. Special education zero refusal

We have processed physical or mental disabilities at all school levels and identified, placed, and guided gifted students. We have established preschool, senior and vocational high school special education classes so that special education can start for children as young as two years old and last to college education. We have adjusted the faculty human resource structure to provide special education services at all education levels.

3. Promoting adaptive learning programs for special education students

We have processed career change plans for physically or mentally challenged students and implemented guidance for special education students in senior and vocational high schools so that they can receive adaptive education.

4. Caring for physically or mentally challenged students' schooling rights

This measure includes deduction/exemption of schooling and book fees, provision of grants/scholarships for economically disadvantaged and physically or mentally challenged students, provision of rewards for special education students with outstanding performance, subsidies for transportation costs, subsidies for taking rehabilitation buses, and subsidies for education payments. The objective is to care for the educational rights of physically or mentally challenged students in Kaohsiung.

5. Regularly organizing special education evaluation

We have regularly organized special education evaluation (including gifted category) and training activities to improve the quality of this Government's professional special education services and administrative management performance, in order to maintain special education students' educational rights and conform to special education needs.

6. Cultivating maker education talents

We have strengthened campus maker foundations, created student maker stage, increased the promotion of maker courses, cultivated maker teachers, conducted cross-field maker innovation and sharing, and cultivated maker talents via cross-field strategic cooperation between universities, businesses, and private organizations.



"2019 Fun ceramics" teacher-student ceramic creation workshop



The award ceremony for the 2019 Young Maker Think Tank Competition



Co-organize the 2019 Mega Maker Day

7. Continuing to promote gender equity education

We have actively promoted gender mainstreaming concepts and advocated gender equity education according to the 12-year basic education curriculum. A gender equity education committee shall be established in each school to build case reporting mechanisms and processing procedures. The goal is to build friendly campuses with gender equity and without gender bias.

Health education

We have actively developed a health promoting school policy centered on health services, teaching, and the environment. We have also planned and built a health information management system and healthy campus. Important measures are as follows:

1. Promoting this Government's 2017-2019 medium-term diet education plan

We have conducted teaching module selection

based on the supplementary diet education teaching material "Happy Foods in Kaohsiung" (based on foods produced locally in Kaohsiung). We have used the "Diet Education Diversification and Vitalization Courses Plan" to encourage schools to implement diet education in school courses. This will allow students to learn about the close relationships among agriculture, health, and the environment. The goal is to teach students about proper eating habits, increase their understanding of where food comes from, and allow them to get to know Kaohsiung's local food culture.

2. Expanding the processing of health checkup items and tracking corrections

We have organized health checkups for 1st graders, 4th graders and first year students in junior high schools. The objective is the early discovery of growing defects and specific diseases in students so that they can be tracked early, corrected, and treated. We have improved students' oral health, visual health, and healthy weight to cultivate healthy and vigorous students.



Student health checkup 1



Student health checkup 2

3. Improving prevention of infectious diseases on campus

We have implemented the prevention of Dengue fever, enterovirus, flu, and other infectious diseases on campus and increased health education advocacy. We have promoted campus- and individual-based autonomous health management. We have worked with different schools and districts and gone into the community to eliminate sources for Dengue fever. We have provided a comprehensive reporting procedure and school closing regulations.



Dengue fever prevention and control 1



Dengue fever prevention and control 2

4. Promoting health in schools

We have worked with hospitals and communities to develop complete and integrated health promotion plans. We have developed health promotion school programs with the local features of Kaohsiung, including sanitation policy, health services, health teaching activities, school physical environment, school social environment, and community relationship.

5. Establishing a health school and protecting students' health

The Education Bureau has signed a memorandum of cooperation on the “Siaogang Health School” with Siaogang Hospital. The objective is to use the Hospital’s professional manpower and resources to build a healthy weight control and food management model. The Siaogang Health School promotional model is used to organize the Linyuan Health School, turning Linyuan District into a healthy and happy community, while improving the health of parents and teachers in Linyuan District.

6. Distributing food stamps to help minority students feel secure when growing up

To help minority students grow up without worries since January 19, 2019, this Bureau has been providing students with subsidies for lunch at school and meals during weekends, summer and winter vacations. Students from low-income families whose domicile was registered in Kaohsiung and who are studying at elementary school, junior high school, and senior high school divisions at the ten comprehensive secondary schools in the City have received food stamps worth NT\$ 50 distributed by this Bureau. They can exchange the food stamp for food at 7-Eleven, OK Mart, Family Mart, Hi-Life, and Taishifu (packed lunch provider) in the City and no longer have to worry about getting meals during vacations.



Worry-free food stamps

Information and international education

To welcome the 21st-century digital technology and globalization era, prepare Kaohsiung students for the future, and cultivate citizens with international mobility, the following measures are implemented:

1. Developing education cloud service

We have maintained and operated the information education center, built an information security cloud, video cloud (Dr. Live), game cloud (E-Game), storage cloud (Educuse), and integrated Kaohsiung Open ID mechanisms that link up with the Ministry of Education's cloud accounts.

2. Constructing the medium-term information project : I can LEARN on Could - An Innovative, Fast, and Easy Access to Education

By adopting information technologies, such as live broadcasts, emerging technologies, artificial intelligence, robots, and networks, students and teachers can engage in innovative learning for future life quickly, easily, and smoothly, while contributing to Kaohsiung City's "Smart Blue Ocean of Information Education."

3. Establishing a programming education system for those 8-18 years old

We have developed information education curriculums for elementary, junior and senior high schools in Kaohsiung and designed 33 topics. In junior high and elementary schools, we have promoted "scratch programming education" and launched the online game "E-game.com" to cultivate students' autonomous learning and computational thinking skills. On the other hand, senior/vocational high schools and universities have cooperated to promote the project plan of programming education. Through programming competitions and Coding Net,

students can refine their competitiveness, autonomous learning ability, and established a comprehensive system for programming education.

4. Improving the information infrastructure

We have promoted "rural school information tour and station service" and subsidized schools for information infrastructure building services. We have regularly updated computer classroom facilities/equipment for elementary and junior high schools. We have improved school wireless network environment and integrated remote video conference meeting systems.

5. Promoting digital care plan

To safeguard the underprivileged groups' basic digital-use human right, we have organized "Digital Opportunity Centers" with mobile digital lessons, and promoted the plans of "Digital Action Project" to provide information facilities, courses, and the service of lending tablet-computers.



Promoting digital care plan

6. Improving principals' technology leadership and parents, teachers and students' information literacy

To improve technology leadership, "Principal Information Academy" has been established to promote online and traditional courses and subsidized schools for organizing

“information technology application training program for in-service teachers” and “workshops for parents and community residents” to enhance ability and concept of using information technology. Besides, we have held scratch programming competition, E-game competition, the senior and vocational high school programming competition, and the “Online Summer/Winter Vacation Assignments campaign” to cultivate students’ information literacy.

7. Cultivating international education courses

Education Bureau has organized “International Education Resource Center” to arrange integrated English Village in 6 elementary schools. Additionally, English Villages have recruited foreign teachers to hold the All-day English Village Experience Camp for fifth grade students and provided remote video teaching. Moreover, the center has cooperated with foreign universities to organize overseas education internship, and applied for Ministry of Education’s School-based International Education Project(SIEP) to promote school’s international education.



2019 Iowa Internship Teacher Program

8. Expanding youths’ international perspective

We have organized overseas education trips, Asian Student Exchange Program, Kaohsiung

Model United Nations, and Taiwan-Japan Friendship City Joint Art Exhibition to encouraging schools to make foreign sister schools and increase mutual visitations and course exchanges.



2019 Asian Student Exchange Program



2019 Kaohsiung Model United Nations



2019 Taiwan-Japan Friendship City Joint Art Exhibition

9. Implementing and promoting bilingual education projects

We have launched the “Bilingual Education Program-Four strategies and Five abilities”, planning systemic, adaptive, diverse, and effective bilingual education based on K-12 schools, and the four strategies refer to “strengthening the connection with foreign senior high schools and universities”, “developing the international AP multiple elective courses”, “Exploring resources to hire foreign teachers”, and “implementing the elementary school English teacher co-employment project.

10. Mainstreaming environmental education

A comprehensive environment education promotion and guidance team has been established to plan Kaohsiung school environment education development plan and carry out the provision of National Environmental Education Act. We have promoted the Environmental Education Green Star Award and organized the Air Quality Purification Area Plan, as well as implemented sustainable campus modification plans.

11. Actively promoting energy education

Education Bureau has set up Kaohsiung energy education promotion center. We have implemented energy education activities, such as “Selection of Benchmark Elementary and Junior High Schools Promoting Energy Education”, “National Energy Education Week Activities” and “Energy Technology Education Creativity Competition” to achieve the objective of helping students acquire energy-related knowledge.

12. Creating the first dual campus environment teaching and knowledge education center

We have established the “Environmental Education Digital Somatosensory Center” and the “Air Quality Environmental Education Resource

Center.” As the first education centers to use virtual reality to implement air pollution environmental education and introduce air quality knowledge, they allow students to understand knowledge related to air pollution and protective behavior, by using games.



Creating the first dual campus environment teaching and knowledge education center

13. Air conditioner and air purifier installation projects

To provide students with a comfortable environment to learn in, we have drawn up a list of schools (preschools and special schools included) within 0.5 km, 1 km, 5 km, and 10 km of 15 industrial parks based on the location map of all schools (kindergartens included) in the City, along with the statistics provided by the Environment Protection Administration of the Executive Yuan (“Number of Days with Poor Air Quality at Air Quality Monitoring Stations”). We have planned to install air conditioners and air purifiers at all schools in the city within four years.

14. Implementing educational policies for immigrants and their children to strengthen international exchanges

We have spared no effort to promote education for new immigrants and their children by working on three major aspects: the sustainability of mother languages and multilingual abilities, culture inheritance and sharing, as well as transnational movement and talent cultivation. Besides setting up counseling organizations for new immigrants' language education and cultivating language teachers in the 2019 academic year, we have also designed teaching materials for new immigrants' language education. We have held culture-related performances and encouraged new immigrant students to participate in root-finding plans and summer vacation overseas internships.



Kaohsiung City opening its language courses for new immigrants in 2019



A supporting group for new immigrant language education organizing a workshop for people engaging in immigrant education in 2019



A consulting committee for new immigrants and their children's education was set up in 2019



Visit and inspect the New Immigrant Learning Center in 2019

Campus safety upgrade

This Government has actively promoted its New Campus Movement, hoping to create sustainable schools that are safe, simple, healthy, friendly, low-carbon, energy-saving, and disaster-resistant.

1. Demolishing old school buildings and building new ones

The New Campus Movement 5.0 this year focuses on rebuilding schools. Since 2017, ten projects (from 24 schools) have been published online and construction companies were selected to complete those projects. Fourteen schools spent NT\$ 1,552,220,000 on their reconstruction projects, which were all undertaken by construction companies before December 2019 and are now underway. All construction is expected to be completed before October 2022.

2. Improving school buildings' earthquake resistance

To improve the safety old buildings at schools, the K-12 Education Administration of the Ministry of Education ratified construction projects of 139 buildings at 90 schools between the 2018 and 2019 academic years and raised a budgets worth NT\$ 951,500,000 to subsidize earthquake resistance reinforcement for schools. The objective is to ensure safety at schools.

3. Renovating old toilets

To provide an education-friendly environment and ensure the safety of using toilets for students and teachers, we have subsidized 87 toilet renovation projects of 67 elementary, junior, senior and vocational high schools with a budget of NT\$ 303,270,000.

4. Improving dormitories in remote areas

We have assisted schools in remote areas in

applying for funds under a project of the K-12 Education Administration of the Ministry of Education that aims to improve faculty dormitories of elementary and junior high schools in remote areas. Subsidies of NT\$ 47,540,000 for 17 schools were ratified in the 2019 academic year. By improving the dormitories and living environment of elementary and junior high schools in remote areas, we have increased teachers' willingness to teach at schools in remote areas.

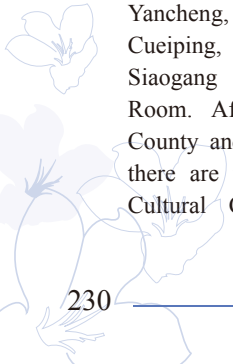
5. Environmental sustainability and disaster prevention in remote areas

Schools adjacent to mountains and slopes in the City need long-term monitoring. The Ministry of Education has assisted these schools in setting up real-time monitoring systems with the help of a technology team from the National Kaohsiung University of Science and Technology so that schools can evaluate their environmental safety based on real-time monitoring data.

III. Social Education

Social education institutions

1. Kaohsiung Public Library



With an objective to serve the public, Kaohsiung Public Library provides books and information services, promotes social education, and organizes cultural activities. Services are provided in our facilities throughout all the administrative districts including the main library, Kaohsiung Literature Library, Gushan, Cijin, Zuoying, Youchang, Lingya, Sanmin, Sinsing, Yancheng, Cianjhen, Baojhu, Southern Gushan, Cueiping, Yangming, Nanzihkeng, Zuoxin and Siaogang Branches, Sinsing Public Reading Room. After the combination of Kaohsiung County and Kaohsiung City on Dec. 25, 2010, there are many branches including Kaohsiung Cultural Center, Gangshan Cultural Center,

Gangshan, Yanchao, Ciaotou, Ziguan, Ziguan Chihdong, Mituo, Mituo Park, Yungan, Jiading, Luzhu, Hunei, Alien, Tianliao, Jhonglun, Fengshan Second Library, Caogong Branch in Fengshan, Tashu, Tashu Second Library, Tashu Third Library, Renwu, Chengguan, Tashe, Niaosong, Daliao, Linyuan, Linyuan Second Library, Chishan, Meinong, Jiaxian, Neimen, Neimen Neipu, Nimen Muza, Neimen Gouping, Shanlin, Liugui , Dadong Arts Library, Jhongihuang, Caoya, Heti Branch and Lee-Ko-Yung Memorial Library. The greater Kaohsiung area now has 1 main library, 59 branches and 1 reading room. There are Reading Room for Children, Family Reading Area and Information Retrieval Area in each branch. In addition, some branches hold characteristic collection to meet the needs of its patrons, such as reference information for studying abroad in

southern Taiwan, Law information, local literature, visual impairment information, information for simplified Chinese, comic books, popular science books and ecological conservation are established in the library. The service covers all administrative areas in the City and provides multiple channels for the citizens to acquire information and resources.

On September 1, 2017, Kaohsiung Public Library was the first one that officially transformed into the Non-Departmental Public Bodies featured with higher efficiency and greater financial flexibility. KPL continued on organizing multi-cultural reading events in 2019, such as Close Your Eyes-Non Visual Reading Event, Reading Heart Season, Elderly Good Time, “Siong-Ai-Thak-Tsheh”, and KPL Picture Books Sprouting Award.



KPL Picture Books Sprouting Award

From the merger of Kaohsiung City and County so far, over 5.97 million of library collections in 60 libraries in Kaohsiung City had been linked together to provide seamless connections and the most convenient service for citizens. For popularizing the reading habit in this city, in 2019, the book loan amount by Kaohsiung citizen reached over 12.04 million, average about 4.34 volumes per person. At the same time, Kaohsiung Public Library provides e-book service such as Taiwan Cloud Library @ Kaohsiung. In 2019, the platform had a collection of over 35,689 items, the number of users was 79,492 people, and the cumulative number of books was 1.13 million volumes. It shows that the read rate, competitiveness and education force in Kaohsiung have been increased entirely.

2. Kaohsiung Museum of Fine Arts (KMFA)

The Kaohsiung Museum of Fine Arts is located in the Neiweipi Cultural Park in the northwestern part of Kaohsiung. Opened in 1994, KMFA has four aboveground floors and one basement, containing a sculpture hall, 17 galleries, a library, and an auditorium that can accommodate up to 368 people. The museum building has a floor area of approximately 27,500 square meters. The park outside the museum occupies 40 hectares and contains wetlands, trails, sculptures, a lake and a plaza with a fountain. The museum and the park as a whole offer a multifaceted space with artistic, cultural, recreational, and ecological functions.

Since its inauguration, KMFA has taken becoming a “museum of art history” as its vision. It collects important works by Taiwanese artists and curates thematic exhibitions. KMFA strives to perform its functions of acquisition, research, exhibition and education, helping not only to build up local viewers’ recognition of and pride in local art but also to realize its goals of localization and globalization.

Established in 2005, the Children’s Museum of Art affiliated to KMFA is dedicated to the promotion of art education for the public through its continuous curation and holding of art education exhibitions suitable for both children and adults. The Children’s Museum of Art also designs and holds art education activities during festivals and holidays in Taiwan to encourage parents and children to have hand-on experiences of artistic creation and enhance their aesthetic experiences. As the first public art museum for children in Taiwan, the Children’s Museum of Art provides a brand-new space of art learning for parents and children.

After its transformation as a public agency in 2017, KMFA launched the “South Plus” concept and combined the local art and contemporary Austronesian art, two fields it has long focused on, to form a broader framework of “Global South”. Based on its dual missions of “artistic value enhancement” and “art museum operation and management”, KMFA aspires to fulfill its

operational goals of “extending the scope of art research capability”, “building public recognition of the museum collection”, “balanced development of local and international exhibitions” and “improving the museum spaces and services”. By fulfilling these goals, KMFA aims to provide an open and scalable space for dialogues among art, the public and the city in order to fulfill its vision and position of being “an art museum that proposes better life in the city”.

(1) Developing Local Perspectives and Discourses of Art and Strengthening Recognition from Visitors

In 2019, we established the South Plus Collection Gallery to build historical pluralism according to our plan, developed new collection policies and follow-up plans, and continued with our juried exhibition series, such as the “Gallery for Citizens” series that focuses on the local perspectives, the “Forum for Creativity in Art” series that specializes in contemporary discourses, and the Kaohsiung Awards that integrates with the branding of Kaohsiung and encourages emerging contemporary artists.

(2) Reviewing the History of Local Art Development and Seeking Cooperation with Art Institutes in Other Cities to Broaden Curatorial Vision

We reviewed the development of local art from the perspective of the city through our thematic exhibitions and research exhibitions on local artists. We also continued with our issuance of Art Accrediting, thematic publications, and research reports on local art development. For example, our Art Accrediting bimonthlies in 2019 included features on not only KMFA and art history of Kaohsiung but also special exhibitions on international art.

(3) Developing Thematic Characteristics from the Perspective of Kaohsiung City and Broadening Connections with International Museums and Professionals. In 2019, we

curated and held the SUNSHOWER: Contemporary Art from Southeast Asia 1980s to Now exhibition with the Mori Art Museum in Japan and the Tattoo exhibition with the Musée du quai Branly in France. These two special exhibitions were recognized respectively with the 1st place and 3rd place in the Top 10 Excellent Exhibitions Organized by Public Instituted by *Artisrt Magazine* in Taiwan in 2019.



SUNSHOWER: Contemporary Art from Southeast Asia 1980s to Now

(4) Optimizing the Museum Environment, Holding Feature Activities, and Creating New KMFA Experiences

We continued our optimization of museum space in 2019 and introduced third-party businesses to ensure the availability of more diverse services. We also developed thematic activities and feature tours with flexible time schedules. In addition, we continued our aspiration to diversify and expand our visitor base through interdisciplinary activities. The operation and planning of our Children’s Museum of Art demonstrate our focus on the development of cultural and artistic literacy among children and our far-sighted determination to cultivate future museum visitors.

(5) Connecting Social Resources and Reaching Communities throughout Kaohsiung

In addition to the operation and maintenance of its volunteer team, KMFA also continued to explore more possibilities of volunteer services. In addition, we launched our membership system in order to consolidate our visitor base. We not only developed new

mechanisms of public participation but also initiated diverse methods of our social participation. We incorporated the energy of private sector and held programs of art education and extension to extend our influence to more communities in different corners of this city.

3. Kaohsiung Museum of History

The Kaohsiung City Government Joint Office Building was relocated to No. 2, Siwei 3rd Rd., Lingya Dist., Kaohsiung City on Jan. 18, 1992, and the Kaohsiung Museum of History was built at the location where the old Kaohsiung City Government building was found (on Zhongzheng Road). Said museum hosts exhibitions as well as research and promotional activities to teach the public about the development history of Kaohsiung City. Additionally, the museum collects Kaohsiung-related artifacts and historical materials (through purchases and donations from the public); systematically organizes, maintains, and preserves these artifacts and historical materials; and digitizes them and makes them available to the public to use (application and authorization to use such artifacts and historical materials are required). The goals are to showcase the history of Kaohsiung's cultural development and the lives of its people. Today, the museum houses a collection of over 23,000 artifacts and historical materials. Furthermore, the museum borrows artifacts from home and abroad to expand the public's horizons; organizes Kaohsiung history-related permanent exhibitions that combine artifacts, multimedia, and interactive experience together to familiarize the public with Kaohsiung's land and history; and offers platforms and research education centers for domestic and foreign tourists to learn about Kaohsiung's literature and history. Following the merger between Kaohsiung City and Kaohsiung County, the museum endeavors in various Kaohsiung ancient object and intangible cultural asset-related activities including visiting, surveying, designating, registering, preserving, and maintaining

them; publishing books such as the Kaohsiung Historiography, Kaohsiung Historical Data Corpus, Kaohsiung Literature and History, and Kaohsiung Research Collection; holding regular history lectures and history-related interviews as well as constructing Kaohsiung history and cultural knowledge bases; and managing and maintaining buildings including Confucius temples, COFCH, Farewell, 886–Cultural Park of Taiwan Military Veteran Village, War and Peace Memorial Park, Takao Railway Museum, Hamasen Museum of Taiwan Railway, The Ke Qi-Hua House, and Kaohsiung Museum of Shadow Puppet.

In year-end 2014, the museum built a Kaohsiung Research Paper Center on its third floor to purchase and collect important national research materials; invited important scholars of Taiwan history such as Wakabayashi Masahiro, Wu Mi-cha, and Zhang Shou-zhen to donate their book collections; collects literature including The Takao News, Tainan News, Taiwan Daily, Taiwan Historical Data Corpus, Kaohsiung Historical Data Corpus, and Historical Data on the Building of Takao Harbors; offers digital libraries containing publications such as the Taiwan Daily News and The Taiwan Folkways; and establishes a Kaohsiung book zone to collect reports and publications released by Kaohsiung authorities. The objectives are to use the above to complement existing paper materials, turning Kaohsiung into a crucial southern Taiwan research-related hub.

On Jan. 1, 2017, the museum became the first administrative institution established by a local Taiwanese government, operating on the spirit of business management and setting an example for the building of Kaohsiung's cultural administrative organizations.

4. Kaohsiung Film Archive

Established in November 3rd, 2002, Kaohsiung Film Archive (KFA) is the first art venue that specifically promotes the film culture in southern Taiwan, and organizes film festivals, special screenings, and exhibitions of various

themes to encourage the public to absorb the art of film culture. On the first floor, you can find a salon alongside film related publications and a merchandise area where KFA holds exhibitions and symposiums. The second floor is equipped with a small screening room with 35 seats and individual screening spaces of 20 seats. On the third floor, you can find the big screening room, which contains 136 seats and 2 handicapped seats. As for the outdoor area, you can find the Star Plaza, the Avenue of Stars, and Exhibiting Wall. KFA has now a collection of 7,000 pieces of cinema relics and 7,600 films in total. KFA opens daily (except on Mondays), screening films on tailored themes daily, providing a diverse, and excellent venue of different ranges of films for the public.

Since November 30th, 2018, VR FILM LAB has launched in Pier-2 Art Center with its grand opening. VR FILM LAB is proud to represent its daily and only screening experience from 8K Stereoscopic Virtual Reality in Taiwan. We categorized VR screening experiences into two forms according to how they are displayed, the 360-degree VR Screening, and VR Interactivity. The 360-Degree VR Screening holds a capacity of 30 audiences, and VR Interactivity is available for individual (or multiple individuals) in a 360-degree panorama.



VR Interactivity

Adult and family education

The focuses of this Government's promotion of adult and family education are as follows:

1. Organizing adult basic education classes to lower the illiteracy rate

This Government has organized adult basic education courses in elementary and junior high schools to lower the illiteracy rate of Kaohsiung residents and improve new immigrants' reading, writing, speaking, and listening ability so that they can acclimate to Taiwan life as soon as possible.

2. Promoting life-long learning and organizing community colleges and citizen academies

We have organized citizen academies and education promotion classes in the Social Education Center. We have also established seven community colleges to turn Kaohsiung residents into community development talents and modern society citizens.

3. Promoting senior education and helping seniors live an active life

We have allowed civil societies to use empty classrooms in Kaohsiung's elementary and junior high schools to set up senior learning centers and actively expand their locations. Additionally we have organized relevant senior learning, intergenerational education, and other courses and activities. The goal is to worked together to prevent and delay aging in seniors and make them happy by learning.



The Great 10th Anniversary of Lifelong Learning: the Achievements Presentation of Kaohsiung City's Lifelong Learning 1



The Great 10th Anniversary of Lifelong Learning: the Achievements Presentation of Kaohsiung City's Lifelong Learning 2

4. Guiding the healthy development of short-term tutorial schools and after-school child care service centers

We have improved the supervision and management of tutorial schools and after-school child care service centers. We have regularly conducted seminars to improve regulation awareness and public safety. We have improved advocacy of protection for children, gender equity, public safety and classroom management skills. We have subsidized the documented private after-school child care centers for educate for disadvantaged students to benefit students.

5. Making good use of the Social Education Center to organize various activities and seminars given by well-known people

We have set up life-long learning and sport and leisure sites in the Kaohsiung Municipal Social Education Center that are suitable for the public, such as auditoriums, lecture halls, gymnasiums, paintball fields, basement entertainment facilities, and education promotion classrooms. We have regularly invited well-known people to come and give exciting speeches. This has been welcomed by the public and become the most characteristic lecture in Kaohsiung.



2019 Happy Spirit seminar series: Lu Jie



An intense fight at the 2019 National Paintball Games



An intense game at the 2019 Social Education Cup 3 vs. 3 Basketball Game

6. Continuing to promote the 2018-2021 medium-term family education plan

The mayor has served as the chairman of the family education advisory committee, and will integrate resources from various bureaus and departments, schools, and civil societies to promote this Government's family education. We have organized education courses on parenting, children, gender, marriage, loss of parent, multiple culture, and family resource and management. The goal is to cultivate correct marital and family concepts in city residents. We have improved family management abilities and promoted family happiness.



Celebrate the 515 International Day of Families

7. Developing outstanding diversified family education services

We have advocated correct parenting education attitude and improved co-parenting and family relationships for single parent families, children raised by grandparents, new immigrants, indigenous people, the physically or mentally challenged, single people, and other target families with special situations that require high level of care. This is done by using strategies such as “participating in bureau/department network cooperation meetings and linking family education learning and service resources”, “training volunteers to assist with consultation services” and “cultivating seed lecturers and organizing growth group courses.” We expected to improve the family function of target families and achieve the objective of initial prevention.



2019 new immigrant family education

8. Cultivating family education volunteers and improving service quantity and quality

To improve volunteers' skills and expertise, and enhance their service quality, we have provided a series of training courses to different types of volunteers. For activity promotion volunteers, we have prepared the following training courses for them: “the Art of Emotion Management”, “the Correct Attitude to Education” and “the Design of Creative Activities Concerning Family Education.” As for guidance and counseling volunteers, we have provided “the Drug Use Prevention: Parents' Understanding of Teenagers' Use of Drugs and How to Deal with It”, “the Application of Solution-Focused Approach on Marriage Management and Communications with Spouses” and “the Ways of Communication and Negotiation between Spouses” training courses. We have provided the public with the family education consultation service hotline: 412-8185 and advocacy with the assistance of the volunteers.



2019 performance by the family education mobile theater in schools

The Senior Academy and Community-Based Senior Academy

The Senior Academy was founded by the Social Affairs Bureau in 1982 to offer Kaohsiung senior citizens lifelong learning opportunities. In addition, the Social Affairs Bureau established the Community-Based Senior Academy in 2005 to offer senior citizens a convenient learning environment and to integrate community resources to meet the educational needs of senior citizens. In 2019, a total of 721 classes were offered, with 30,475 participants.

Growth of Women

The Women, Children and Youth Activity Center and the Women's Center were established by the Social Affairs Bureau to provide a space dedicated to women's personal growth and career redevelopment, encouraging women to acquire new knowledge, achieve self-improvement and participate in social services and public affairs, as well as promoting gender equity. Empowerment programs for community women offered by the centers were as follows:

1. Women's Community College: a total of 924 sessions were held, with 20,332 participants.



Organizational management course in Women's Community

2. Womenomics – Kaohsiung Womenomics Empowerment Project: 92 sessions were held, with 2,168 participants.
3. Implementation of the “Women's Center Archives and Showroom” service, with a total of 130 sessions and 3,338 participants.
4. Promotion of the “Women's Multiple Space -- Women House” theme, with a total of 116 sessions and 13,066 participants.
5. Implementation of Women's Center empowering women courses, gender equality lectures, and theme events, with a total of 221 sessions and 9,358 participants.

IV. Cultural and Recreational Activities

Recreational Sites

1. Parks, Green Spaces and Children's Playgrounds

The Maintenance Office, Public Works Bureau of Kaohsiung City Government constructs parks and green spaces with which injecting creative aesthetic thinking into, builds up

different theme parks with characteristics based on art, ecology, humanity and multiple values, and also improves and renews old parks of the city. And what the Office does gains affirmation from all sectors of the community. The Office has introduced new ideas, which include the concept of integrated playgrounds and civic participation

mechanisms, accord with the trend of the times in recent years. The former refers to a game space that provides all children to play, frolic and develop together. The children include ordinary children and those with special needs such as autism, mental retardation, physical disability, visual or hearing impairment, etc. And the game space should be provided with the characteristics including accessible environments, suitability for different barriers, multiple stimulus, spaciousness, safety, interactiveness, fun and comfortability. The latter is from the perspective of the users, which means that reaching a greatest consensus of residents before park improvements through methods such as public explanatory meeting and workshops. The Office will keep an open mind and make parks more closer to the needs of local residents through a way of communications and opinion exchanges.

There are parks, green spaces and children's playgrounds opening up and improvement projects completed in 2019 below:

(1) Main opening up and improvement projects

A. The construction project of the Fudingjin Shuanghu Forest Park in the Sanmin District

The project had a total development budget of about NT\$486.10 million. We also strived for the subsidy fund of Forward-Looking Infrastructure-City Heart Project from Construction and Planning Agency of the Ministry of the Interior. The budget was NT\$206.4 million and the self-raised fund was NT\$51.6 million. The first phase of the project was completed on December 8, 2017. The second phase of the project was divided into drainage, planting and landscape 3 bids for handling, and the overall project was completed in December 2019.

B. The construction project of the Park in the 87th phase urban land readjustment area in the Ganshan District

The base, which includes the 5th, 14th, 15th, 16th, 17th, 5 park sites and occupies about 2.8 hectares, is located between Renshou South Road and Jieshou Road in the Ganshan District. The project costed 62.8 million, and it had been started on November 22nd 2018 and was completed in December 2019.

C. Weiwuying three multi-span houses surrounding landscape improvement project

The project costed about NT\$40 million with a subsidy, which was NT\$32 million, of Forward-Looking Infrastructure-City Heart Project from Construction and Planning Agency of the Ministry of the Interior and the self-raised fund was NT\$8 million. The project had been started on February 18th 2019 and was completed on October 28th 2019.

(2) Remaining opening up and improvement projects

A. The improvement project of the Shanming children's playground in the Xiaogang District

The project was completed on July 16th 2019.

B. The improvement project of the Shantou Park in the Qianzhen district

The project was completed at the end of September 2019.

There were 710 parks, green spaces, and children's playgrounds, occupied an area of 2,515 hectare, constructed by the Office until the end of December 2019. If adding the constructed in the non-urban planning area, then the area of which was 3,381 hectare. The average green space useable per person is 12 m², which is the most out of 6 municipalities.

The distribution is shown in Table 4-5.

**Table 4-5 Distribution of Parks, Green Spaces, and Children's Playgrounds
Constructed in Kaohsiung City**

Category Distribution	Item	Park		Green Space		Children's Playground	
		Area (Hectare)	Number	Area (Hectare)	Number	Area	Number
Sanmin District		138.9216	38	0.6574	6	3.2005	13
Cianjin District		16.4500	3	0	0	0	0
Yancheng District		4.2883	3	5.2411	6	0	0
Sinsing District		2.8300	3	0	0	0	0
Lingya District		29.1694	15	7.3949	11	0.9851	7
Gushan District		1010.7654	14	1.7941	8	3.0158	12
Cianjhen District		41.3952	29	15.5381	30	4.5053	19
Zuoying District		123.5140	24	1.7652	4	1.8542	11
Cijin District		38.1492	4	5.0120	5	0.1067	1
Siaogang District		72.8880	21	7.9504	16	7.8255	38
Nanzih District		168.7743	29	148.5700	16	2.6217	15
Fongshan District		130.6836	112	13.2623	28	0	0
Niaosong District		200.7622	20	0.39	2	0	0
Renwu District		33.0074	23	5.3972	9	0	0
Dashe District		4.8729	5	0.7500	1	0	0
Dashu District		1.7032	2	0.0562	1	0	0
Linyuan District		13.3180	12	0.3501	4	0	0
Daliao District		4.8046	8	0.7821	3	0.3226	2
Gangshan District		30.6393	11	0	0	0.3989	2
Zihguan District		4.4390	6	0.1396	2	1.1514	4
Mituo District		1.6958	1	0	0	0	0
Hunei District		1.1305	7	0	0	0	0
Ciaotou District		9.4148	9	1.1823	3	0	0
Yanchao District		0.5653	3	0	0	0.3411	2
Alian District		0.8265	4	0	0	0	0
Yong-an District		0	0	0	0	0	0
Cieding District		141.4548	7	0.6750	2	0.6840	3
Lujhu District		3.9778	4	0	0	0	0
Cishan District		39.17	2	0.1903	1	0.2738	1
Meinong District		0.4455	2	0	0	0	0
Jiasian District		0.9300	1	0	0	0	0
Total		2270.9866	422	217.0983	158	27.2866	130

2. Community Centers and Venues

There are a total of 59 senior citizen activity centers in the City. To enhance the promotion of elderly welfare work, provide senior citizens with comprehensive services including leisure, entertainment, education, day care, rehabilitation and counseling, and make advanced planning and promotion in response to the future needs of an aging society, the Senior Citizen Services Center was established in 1997. The Center aims to serve senior citizens aged 55 and above in the City. It provided services 1,429,528 times in 2019.

In addition, efforts were made to enrich the service functions of the 58 local senior citizen activity centers to provide convenient activities for study and recreation, health improvement, senior education and outreach tours, offering welfare consultations and building community resource and human resource platforms. In coordination with volunteer team capacities from various centers, food delivery programs, visiting and caring services for seniors that live alone have also been organized. In all, services were provided a total of 2,438,907 times by the 58 centers in 2019.



Joint achievement exhibition of senior citizen activity centers

The Social Affairs Bureau has set up 16 social welfare service centers. Professional social workers are assigned to every center to provide casework services for disadvantaged families. The centers provide all kinds of welfare consultation and applications; based on local characteristics and family attributes, multiple family support services are planned and administered, increasing

parent-child interaction to improve family functions and family relationship, using various hardware and software facilities in the centers to provide friendly childcare space for community families. Services were provided 340,635 times in 2019.

The Children Welfare Service Center of the Social Affairs Bureau was established in 1989, providing parent-child activity spaces. In 2019, 18 winter and summer holiday events were held, with 651 participants; Children's Day activities attracted 1,200 people; 168 sessions of the Family Day activities were held, with 7,884 participants.

The Women, Children and Youth Center was established in 1993, equipped with various spaces including the Women House, a game room for children aged 0-6, a science game room, a parent-child co-reading room, and a leisure room. In 2019, the Youth Expressive Space was set up. In 2000, Women's Center was founded, providing facilities such as an archive room and the Women's Multiple Space. In addition, an experiential academy was set up to provide software and hardware facilities and services for women, parents and children, and adolescents. Services were provided 358,982 times in 2019; other women, children and youth events were also held, such as Women's Community College, the Womenomics project, women empowerment courses, Women's Day gender equality campaign, winter and summer holiday activities for children and youth, parent-child experiencing events, exploration activities, and so on, with a total of 2,308 sessions attracting 73,516 participants.



Youth Expressive Space – Base No.8

3. Labor Education and Life Center

(1) History

The center was established on October 31, 1982 under the jurisdiction of the Social Affairs Bureau. On January 15, 1988, it was transferred to Labor Affairs Bureau, Kaohsiung City Government. After the municipal merger on December 25, 2010, the Center included four facilities; they are the Shihjia Guesthouse, the Chengcing Guesthouse, the Kaohsiung Museum of Labor, and the Fongshan Community Culture Museum.

(2) Service facilities

A. Shihjia Guesthouse

This guesthouse not only provides laborers with affordable accommodations, conference and study venues, and classrooms for Labor College, but also uses the first and second floors of the guesthouse to establish the “R7 South Taiwan Fashion Innovative Center”. In collaboration with the five major incorporated institutions under the Industrial Development Bureau, Ministry of Economic Affairs, the guesthouse works to improve employment for young people and industrial development in Kaohsiung, build up industrial energy for textile, digital, and cultural creative industries, and connect clusters for regional economic prosperity, so that it can be used as labor education and talent cultivation platform for the industry, government and education sectors to promote youth empowerment and services for “creativity, innovation, and startup”.

B. Fongshan Community Culture Museum

The Museum provides a lifelong learning environment for laborers. It provides classrooms for Labor College and offers courses that train fashion-related skills, work skills, life skills, and recreational activities to enhance citizens’ knowledge and abilities as well as participation in

leisure, educational, and recreational activities in their spare time.

C. Kaohsiung Museum of Labor

The Museum was re-opened on July 25, 2015. The first floor is not only used for self-developed exhibitions, but efforts are also actively made to seek external assistance and cooperation for renewing the exhibition contents. The third floor displays exhibitions focusing on the theme of labor. By theatrical means, volunteers may perform their own life stories here. The fourth floor hosts exhibitions based on the theme of the labor development history of Kaohsiung. The sixth floor is the collection and administration area. In addition, lectures and DIY classes are offered to give visitors a deeper understanding of the contents and implications of all the exhibitions. Also, all sorts of cultural creative commodities are developed and sold in the Museum of Labor.



The 4th anniversary celebration of Kaohsiung Museum of Labor (a gas technician sharing session)



Fishing net DIY course

D. Chengcing Guesthouse

The Guesthouse was delegated to private agencies for ROT since December 18, 2015 and reconstruction was completed on December 19, 2017. Then, it was renamed “Huashe Hotel (Kaohsiung Branch)” for formal operation to provide tourist accommodation at Chengcing Lake Scenic Area, large conference and seminar venues, and cultural and art performance space.

(3) Service performance

- A. Provide inexpensive accommodation service and venue rental service for laborers. In 2019, a total of 37,651 people were served, generating a total income of NT\$4,644,085.
- B. Promote labor education services and offer courses in fashion-related skills, work skills, life skills, and recreational activities. In 2019, a total of 410 classes were delivered in 4 phases, with 7,210 enrolled students and 7,023 attended the classes.



Labor College – Shihjia Guesthouse courses



Labor College–Fongshan Community Culture Museum courses

- C. Hold exhibitions and promotional education activities around the core theme of labor

history and culture, and provide guided tours for exhibitions, labor theatrical performances, and venue rental services. In 2019, four exhibitions were curated, attracting 11,373 visitors.

- D. Offer the volunteer service system that assists in promoting labor education and the labor culture free of charge. It helps lighten the government’s financial burden and gives volunteers a sense of achievement. There are now 78 volunteers.
- E. Implement the “Chengcing Guesthouse ROT Project under Labor Education & Life Center, Kaohsiung City”.

Cultural Activities

1. 2019 Kaohsiung Spring Arts Festival

KSAF is a significant art event organized by the Bureau of Cultural Affairs of Kaohsiung City Government starting from March to July. In 2019 KSAF there were not only high-quality international programs, but also local performing groups that were invited to the festival. In 2019, a great amount of multi-type programs were organized by KSAF to promote performing arts. The Grassland Concert, for an instance, is a unique art program in Kaohsiung founded by KSAF. In total, there were 48 performances and near 40,000 participants. Furthermore, KSAF also hosted 18 KSAF speeches and campus promotions, 13 masterclasses and workshops, 14 pre-show or after-show talks, and 7 outreach programs. About 2,000 people attended these promotional events.



2019 Kaohsiung Spring Arts Festival

2. 2019 Zhuangtou Fringe Festival

In order to promote local traditional arts, a series of Taiwanese traditional opera and concerts were provided for the people of Kaohsiung City. The goal was to start a trend that encourages citizens to include the arts into daily life. “Zhuangtou Fringe Festival” brought performing arts to rural and remote areas of Kaohsiung City, ensuring that all citizens have access to the arts. In total, there were 37 shows with near 20,000 participants.

3. 2019 Kaohsiung Film Festival & International Short Film Competition

The 2019 Kaohsiung Film Festival focused on the love industry of various love affairs and affiliations within the decades of city lives from East to West, and represented its annual theme Forbidden Love. Other than our usual annual themes, Filmmakers in Focus, Panorama, Crazy World, Kids Fantasy, and Trans-Border Taiwan, let’s not forget our largest International short film competition in Taiwan. Meanwhile, virtual reality has stepped up the game and became the main focus this year, as there were not only VR films but also Augmented Reality (AR), and Mixed Reality (MR) simultaneously expanding and emerging into the audiences’ screening experience- the XR Dreamland Theme. In addition to promoting Kaohsiung City, the festival appreciated the funds from Kaohsiung Film Fund, Kaohsiung Shorts, and Kaohsiung VR Film Lab.

2019 Kaohsiung Film Festival (KFF) was held from October 10th to October 27th, taking place in Kaohsiung Film Archive, the 7th Floor and the Theatre Room in B Floor of Kaohsiung Main Public Library, MLD Cinema, Pier-2 Art Center VR FILM LAB, and Pier-2 P3. This year, the festival had invited over 100 filmmakers, actors, and crews participating the grand opening ceremony, Master Classes, After-screening Forums, and Press Meetings, in total of over 83 film events. Surprisingly, the official on-line site

of the festival had reached over one million hits, and with the growth of 60,000 Facebook fans. In the result of promoting Kaohsiung’s media for next seasons, KFF underwent the time-compression situation and finally accomplished publicizing over the internet by attracting more than 10 thousand audiences and participants all over the globe.

The most anticipated XR Dreamland of KFF was combined with XR Programs and activities of the subject matter. The focus was not only for the filmmakers to share their experiences throughout the process of making Kaohsiung VR FILM LAB Originals, but also an exceptional opportunity for having Loren Hammonds as guest, the curator of Tribeca Film Festival from the largest VR platform of the world. With an estimation of over 30 experts, both internationally and nationally, giving speeches in their mastering field of creations, techniques, and industry. A very impressive list of experts from XR Kaleidoscope, VR Oculus, MLF (Marshmallow Laser Feast) from the U.K, French VR Distributor Diversion, BiFan, Miami Film Festival (VR Expo), Institut Français, TAICCA, Digital Art Center TW, and National Palace Museum were among all. Kaohsiung Film Archive correspondingly provided methods in businesses concerning VR films, in helping to bridge international cooperation. The forum took place from Oct. 10th to Oct. 12th, a 3-day seminar held in Pier-2 P3-1 Warehouse, with 6 participating countries, and in a total of 38 people from the industry.

The 2019 Kaohsiung International Short Film Festival had accomplished its 9th year milestone, and successfully provided a competition platform and tied links to countries such as Japan, South Korea, France, and Malaysia, etc. With this year’s achievement, the festival received in a total of 4,750 short films from 118 countries. The VR competition received 104 works, setting a new record and ranked the highest from past results with such excellent quality of VR filmmaking.

4. Experience Activities of Visual Aesthetics

In addition to reinforcement of the film production industry chain in Kaohsiung, the Bureau of Cultural Affairs has received the subsidy up to NTD 9,307,500 from the Ministry of Culture and worked together with Kaohsiung Film Archive to hold “Experience Activities of Visual Aesthetics.” Teachers and students in elementary schools in Kaohsiung City were invited to VR FILM LAB to experience VR short films and to the Ji-Hui Auditorium in Kaohsiung Main Public Library to enjoy a series of short films with different topics. The topics included: memory of childhood, life education, self-recognition and home protection, siblings and family relationship, aesthetics and production techniques of the film, etc.

In 2019, many teachers and students participated in the activities due to positive word-of-mouth. Through the introduction before the screening, watching films together, and the discussion after the screening, students are guided by professionals to get used to art cinemas and art films. Bureau of Cultural Affairs provides systematic and diverse knowledge about visual aesthetics, hoping to cultivate the younger generation’s habits to visit cinemas more often, to learn about and to create films, and importantly, to think independently and express their own thoughts. In this way, art films can be gradually integrated into their daily lives. Besides, with much closer cooperation with the education system, teachers start to learn visual aesthetics. Teachers’ affirmation and participation help to promote visual aesthetics education. Bureau of Cultural Affairs expects that this is not a short-term activity, and can become a curriculum with local characteristics and encourage more participation.

In 2019, the Bureau of Cultural Affairs held 8 experience activities in VR FILM LAB with 191 people’s participation and 14 experience activities in Kaohsiung Main Public Library, with 5,327 people’s participation.

5. LIVE WAREHOUSE

LIVE WAREHOUSE officially opened on June 5, 2015, with Big Hall (contains approx. 1,400 people) and Small Hall (contains approx. 230 people). In 2019, 87 concerts were held in LIVE WAREHOUSE, which includes 128 famous artists and bands such as deca joins, Waynes So Sad, mouse on the keys(JP), Lee Kar Fun, Tizzy Bac, LM.C(JP), Takashi Hirayasu(JP), Kumachan, Richie Jen, Fire EX, Wanfang Lin, Cosmospeople, EggPlantEgg, OSN Gao, Fool And Idiot, Tanya Chua, Julia Peng, Shino Lin, and had more than 28,000 audience participated.

6. 2019 Megaport Festival

“The 2019 Megaport Festival” was held at Pier-2 Art Center and PengLai Dock No.9 Field on 23th and 24th, March 2019. A specially designed 120-meter-long floating bridge “Mega Bridge” was built to connect stages between Pier 2 Art Center area and PengLai Dock No.9 Field. There were approximately 100 performers from both local and international, such as Huang Fei, EggPlantEgg, Mickey Huang, ChthoniC, SorryYouth, Teddy Robin(HK), UNDERGROUND YOUTH(UK), Mrs. Green Apple(JP), and attracted 80,000 audiences.

To make audiences have whole unique festival experience, they had planned the “MegaFun” project, a special corner designed with “MegaGym” playground, parent-child interaction area, and live painting session, etc. In collaboration with The Association of Parent Participating Education in Taiwan and Japanese artist Silsl. Provide audiences to attend varieties of recreational activities in the festival.

7. South Music-Original music creation grants, integrated marketing and publishing program

“2019 South Music - The New Generation Taiwanese Music” grant and audition project started from December 2018 to August 2019. 224 pieces of music productions applied for the

audition, then 30 pieces of them were chosen into the final. Following this, 10 pieces from the final list were selected and recorded as the “2019 South Music” album at the end. The album has been released on August 30, 2019. Five Taiwanese famous musicians, such as Bing Wang, Shuo Hsiao, Ardor Huang, Yujun Wang, and Weni, were taken charge as the producers of the albums, as well as the judges of it.

In order to promote these music productions properly, the “2019 South Music Concert” was held on December 15. It also invited three nomination of “2019 South Music” album – Hui chu Wang, Theseus and Ya Chun Chang, and two special guests – Ardor Huang and Random to be the performers in this concert. There were 1,385 people who attended this.

8. *The Child of the Dogwood: Yu Kwang-Chung Memorial Activities*

In order to commemorate the important achievements of Yu Kwang-chung, the Bureau of Cultural Affairs organized "The Child of the Dogwood: Yu Kwang-chung Memorial Activities". Mr. Yu spent his best time in Kaohsiung, and many of his essays, poems and other works are related to the city. These activities presented his rich works, highlights his achievements in the literature in this city, and planned diversified activities for the public to participate in, so as to make art and literature more accessible.

Series of activities were divided into "Crossover Poem Salon", "Talk about Yu Kwang-chung", "City Tour: Reading & Lecture", "Explaining Classic Books with Dessert" and "City Tour: Image Poem Exhibition", pulling out the poet's nostalgia, achievements and enlightenment in literature and folk songs in the era when Chinese and western ideological trends met. Writers, poets, editors, directors, photographers and musicians presented how they comprehended Yu Kwang-chung and his works in the form of dialogue, recitation, video,

performance and chorus.

On the evening of October 21, 2019, we held the "Kaohsiung Symphony: Afterglow Concert" in memory of beloved literary titan Yu Kwang-chung. Chide Hall was graced with moving performances from 160 artists inspired by the poet's works, bringing 12 songs to the audience that embody the experience of beauty and humanity in Kaohsiung and also commemorate Mr. Yu Kwang-chung's lifelong achievements.



Kaohsiung Symphony: Afterglow Concert

9. *2019 Dagou Fengyi Literature Award Competition*

Submissions for the 2019 Dagou Fengyi Literature Award Competition were accepted between March 27 and July 15, 2019. Four genres of literary works were accepted including novel, prose, modern poetry, and modern Taiwanese poetry. In the end, a total of 559 entries were received. A First Place Award, a Reviewer's Award, a Choice Award and a Kaohsiung Award were granted for each genre. A total of NT\$1.24 million cash prize was given out. The award ceremony was held in the Kaohsiung Literature Library on November 24. In addition, 700 copies of Collection of the Winning Entries of the 2019 Dagou Fengyi Literature Award Competition were published.



2019 Dagou Fengyi Literature Award Competition

10. Exhibitions of KMFA

(1) Kaohsiung International Container Arts Festival

Held in 2019, the 10th Kaohsiung International Container Arts Festival was intended to synergize the energy of container arts with that of contemporary Austronesian art, a field KMFA has been focusing on for over a decade. Different from its precedents that had been held in areas nearby the Kaohsiung Port, the 2019 Festival was held in the Austronesian Culture Park of KMFA. Taking on the theme of “Trap”, the Festival covered different aspects of life such as land use, social issues, politics, and economy. The Festival was an artistic tribute and response to the mountain forests, oceans, and primal lifestyles of humanity. Sakuliu Pavavalung, winner of the 20th National Award of Arts, was invited to serve as the Art Director of the Festival while totally 14 artists/artist groups from home and abroad were invited to create 12 container works for the Festival. Also in the Festival were two container works and the performance of A HU music/dance drama sponsored and supported by the Indigenous Peoples Cultural Development Center. The Festival attracted over 100,000 visits.

(2) International Exchange and Research Exhibitions

In terms of international exchanges, we

worked with the Mori Art Museum in Japan in the holding of SUNSHOWER: Contemporary Art from Southeast Asia 1980s to Now and with the Musée du quai Branly in France in the holding of Tattoo. We also worked with the National Palace Museum in the co-organization of NPM x KMFA: New Horizons—New Media Art Exhibition.

The year 2019 also marked a new milestone in our connections with other cities and museums abroad. We worked with the Musée du quai Branly in the curation and holding of Palace Paradise: Offrandes funéraires en papier de Taiwan at the Musée du quai Branly, Paris. The exhibition was selected by Sortir à Paris, the most viewed artistic and cultural activity guide in Paris, as one of “Le top 10 des expositions de l'été 2019 à Paris”. The exhibition was invited to go on a tour in December to the Musée des Arts Asiatiques in Nice, one of the major cities in southern France. In addition, the Moving and Migration exhibition held at KMFA earlier in 2019 was moved to the Gyeonggi Museum of Modern Art in South Korea in July. Artists such as Eleng Luluan and Lu Chien-ming were invited as artists in residence of the exhibition to engage in on-site creation and deep exchanges with local artists in South Korea.

In terms of research exhibitions on local arts and cultures, we held several exhibitions that demonstrated our deep attachment to this city and to the land of Taiwan, such as the Acts Without Effort—The Societal Architecture of Hsieh Ying-Chun exhibition (which won the Award for Social Care of 2019 Taiwan Design Best 100); Her Story about Sculpture; and Yunghsu Hsu: A World Made Light (which won the 5th place in the Top 10 Excellent Exhibitions Organized by Public Institutes in Taiwan initiated by Art Magazine in 2019). We also held the To the Moon: Liu Kuo-sung exhibition and worked with the

HCS Calligraphy Foundation in the holding of A Letter to Tradition and Experiment—The 11th Chinese Calligraphy Biennial 2019. For different forms and types of exhibitions, we all arranged related activities of art education and promotion such as gallery talks given by specialists and lectures.

(3) Museum of Art History

To write an alternative art history from the “Southern Perspective”, KMFA has invested over a decade in researching and producing profiles of contemporary Austronesian artists in Taiwan. Each of the profiles was published in the “Artist Profile” column of our Art Accrediting bimonthly. To date, totally 47 profile essays on over 40 Taiwanese indigenous artists have been produced. These essays were collected and published in the book, *Sound of Footsteps on the Island-Contemporary Austronesian Art Highlights in Taiwan*. This book is a trove of important first-hand historical data on the indigenous art development of Taiwan. With the establishment of our cloud database, KMFA will further promote the Austronesian art in Taiwan onto the stage of international art. The Pan-Austronesian International Symposium we held in 2019 was also highly recognized by the participating scholars. Moreover, we still continued the “Artist Profile” column in our Art Accrediting bimonthly in 2019 and kept on further exploring and promoting our collections through the “Selections from the KMFA Collection” column.

(4) Kaohsiung Awards and Juried Exhibitions

The “2020 Kaohsiung Awards” is the 24th of its kind. It was also a review of the history of the Kaohsiung Awards and the history of KMFA working hard on this land of southern Taiwan to continuously challenge itself and keep up with the times through constant adjustments and reforms. When celebrating our 25th anniversary in 2019, we launched

the “South Plus” program to find a new position for KMFA. Through the establishment of the South Plus Collection Gallery and its international alliances, KMFA intends to further explore the characteristics of the South and construct historical pluralism. Also in 2019, we had a major breakthrough for the Kaohsiung Awards by shifting from the traditional categorization of submitted works into eight categories according to their media types to the new categorization of works into five major categories that could cover more comprehensively the diverse facets of contemporary art. Among the five categories, we included the “Art Project and Interdisciplinary Art” category, a category unseen before in art competitions in Taiwan. For the 2020 Kaohsiung Awards, we also unprecedentedly eliminated the requirement of anonymous participation and introduced the mechanism that allowed finalists to have direct dialogues with judges. We also continued our holding of juried exhibition series, “Forum for Creativity in Art” and “Gallery for Citizens”, with a view to encouraging local visual artists and reviewing the forms and contents of the local art development. In 2019, there were two “Forum for Creativity in Art” exhibitions: CHANG LING Illusion Society—History of Ordinary Life and Reality & Essence: The realistic painting of Hung Chia-Ning. There were also two exhibitions of the “Gallery for Citizens” series, featuring works of different media and styles that demonstrate the rich artistic vitality of Kaohsiung.

(5) Children’s Museum of Art

In 2019, the Children’s Museum of Art curated and held two educational exhibitions for children related to KMFA’s collection. One was Art Is Here (in Galleries 201-202 of the Children’s Museum of Art from January 12th, 2019 to May 31st, 2020). The other was Collecting: This is the way to do it (in Gallery

201 of the Children’s Museum of Art from December 14th, 2019). The two exhibitions were intended to teach children about the preservation and conservation of museum collection.

(6) Art Setting Roots Project

A. Art Detective—Short Trips in the Big City

We aspired to forge a connection between our collection and local life in Kaohsiung by looking at the historical, cultural, and ecological aspects of local life in different places of Kaohsiung depicted in the works of our collection. Therefore, we worked with the Kaohsiung 1st Community University and held the “Art Detective—Short Trips in the Big City” program, in which totally 13 trips of three routes were held on July 27th to August 31st, Ataking participants to five scenic spots of Kaohsiung (Mt. Chai, Kaohsiung Port, Love River, Cijin, and Cianjhen). From these trips, participants could learn more about the local history and cultures of these places and forge a connection with the common experiences of life in Kaohsiung.

B. Collection: Kaohsiung Landscape Tour Exhibition in Remote Elementary Schools

Based on the concept of “mobile art museum”, KMFA curated and held the Collection: Kaohsiung Landscape tour exhibition as part of its art education and extension program for elementary school students in remote districts of Kaohsiung such as Namasia, Taoyuan, Maolin, Liouguei, Jiasian, Shanlin, and Tianliao, giving them different kinds of art education through game-like experiences. From September 19th to October 30th, 2019, this program reached totally 774 students of 98 classes in 20 elementary schools: Minchuan and Minsheng Elementary Schools (in Namasia Disctrict);

Jianshan, Singjhong, Zhangshan, Taoyuan, and Baoshan Elementary Schools (in Taoyuan District); Laonong, Baolai, Xinfu, Lungxing, and Liouguei Elementary Schools (in Liouguei District); Maolin and Duona Elementary Schools (in Maolin District); Jiasian, Shanglin, Shangping, and Baolong Elementary Schools (in Jiasian District); Shangping and Chilai Elementary Schools (in Shanlin District); and Chungte Elementary School (in Tianliao District).

C. “Map of Five Senses” Course

The artist, Chuang Hui-ling, was invited to design the “Map of Five Senses” course for fifth graders through their observation and imagination of the works in KMFA’s collection galleries to inspire their creativity and cooperative spirit. The course was taught during the 1st and 2nd class periods every Thursday morning from September 26th to November 14th, 2019. The course was composed of units such as warm-up of the five senses, five-sense experiences, collection and sharing, outdoor creation, thoughts from the artist, and thoughts from the students. The course received enthusiastic responses from both the participating students and teachers.

11. Exhibition and Performing Events of Cultural Center

(1) Exhibitions

A total of 167 exhibitions were held in Jihh-Jhen Gallery-1, 2 and 3, Jihh-Mei Gallery, Ya Gallery, Jihh-Gao Gallery and Jihh-Shang Gallery; the number includes 96 exhibitions of annual applications and 71 sequential exhibitions The latter is composed of a series of exhibitions, organized by the Bureau of Cultural Affairs, to promote art development in Kaohsiung and facilitate cultural exchange: Open the Painting

Box-Fine Arts in Kaohsiung, Jih Mei Gallery-Arts, 2019 Youth Art Festival, 2019 Traveling Exhibition of Excellent Tainan Artists- The Great Stage of Kau-Puê : A Duo Exhibition by Chen, Po-I & Wu Chi-Zen. Annual visitors to the exhibitions were nearly 340,000.

(2) Performance Halls and Outdoor Art and Cultural events:

A total of 215 performances were held in Jih-de Hall and Jih-shan Hall in 2019. The outdoor circus saw the 6-day 2019 Chinese New Year Events attract more than 85,000 visitors, other outdoor big-scaled activity, totaling 49 events, were more than 190,000 visitors. In addition, the Holiday Arts Market is held regularly (104 sessions in 2019).

12. Exhibition and Performing Events of Dadong Arts Center

(1) Performance Hall and Outdoor Stage

From January to December 31, a total of 157 performances were held in Performance Hall, with 54 Lobby Concerts, 43 Outdoor Stage performances, other outdoor big-scaled activity, totaling 14 events, were more than 133,000 visitors, 43 sessions of guided tour and visits, 155 sessions of Dadong Lecture Room speeches, 3 sessions of filming, and installation art-Spring Young, Hope. It was continued outdoor stage during 2019 Chinese New Year Events in Dadong. Visitor in the rementioned period were more than 1,062,000.

(2) Special Exhibitions

Cross-Strait Story of My Family were held at Dadong Arts Center, annual visitors to the exhibitions were more than 3,200.

13. Performing Events of Music Hall

A total of 162 performances were held in the Concert Hall and including Kaohsiung Lantern Festival, totaling 18 performances were held in

Outdoor Square.

14. Exhibition and Performing Events of Gangshan Arts Center

(1) Performance Hall

A total of 91 performances were held in the Performance Hall, were more than 30,000 visitors.

(2) Exhibitions

A total of 29 exhibitions were held in Gallery. Annual visitors to the exhibitions were over 37,000.

(3) Arts Workshops

The Arts workshops set up 3 courses in 1 year, with 12 sessions each and a total of 51 classes.

15.2019 Kaohsiung Taiwanese Opera Competition



2019 Kaohsiung Taiwanese Opera Competition

The third Kaohsiung Taiwanese Opera Competition 2019 was held in two rounds of competition (i.e., a preliminary round and the final) for four different groups (i.e., preteens, teenagers, professionals, and international participants). Enrollments for the preliminary round were accepted from September 10 to October 5, 2019 and 171 Taiwanese opera aficionados nationwide registered. A total of 37 contestants from 11 counties/cities qualified for the final. The final competition

took place at the Pier-2 Art Center B9 Kaohsiung Experimental Theatre on December 2, where a Champion, First Runner-up, Second Runner-up, and the winner of Choice Award were selected in each of the aforementioned groups. In addition, winners of the Panel's Award and five Special Awards were selected from undifferentiated contestants in all groups. In the end, a total of 31 contestants won an award, and the award ceremony was held on the same day to congratulate the winners.

16. Publishing of Outstanding Literature

In 2019, the Bureau of Cultural Affairs published a book entitled *Slow Works of Skilled Masters: Hundreds of Craftsmanship in Coastal and Rural Areas*, depicting the handicraft culture of traditional craftsmen in coastal and rural areas. In addition, the 2019 Kaohsiung Literature Publication Project selected two works through an open call. The winning entries included *It Never Snows in the South* and *Stop and Go: Poetry Knows/Selected Poems of Lin Sian-long*, which were scheduled to be published sequentially by 2020.

17. 2019 Kaohsiung Land and Water-based Shih Jia Competition

The 7th Kaohsiung Land and Water-based Shih Jia Competition was held in 2019. The competition features both land and water-based points competitions, and the winner can claim NT\$400,000, the highest in the world. To make the competition more exciting, event organizers study related national and international competitions held in recent years, inviting eight domestic and international top lion teams and local folk art performance groups to participate in the event. The two-day-long 2019 Kaohsiung Land and Water-based Shih Jia Competition attracted a total of 8,000 visitors, preserving Kaohsiung's folk art culture and elevating people's affirmation of Kaohsiung's local culture.



2019 Kaohsiung Land and Water-based Shih Jia Competition

18. 2019 Youth Innovative Design Festival

2019 Youth Innovative Design Festival is a supportive exhibition for young college students in southern Taiwan, which gives an emerging stage for the students to present their creativity through competition. Through the collaboration of the industry, official government and the universities joined in this event, a platform is built to stimulate young designers' creativity and cultivate innovative and creative talents. This year, there are 26 schools and 45 design departments to join the exhibition, which include 754 works to compete. By hosting substantial and effective exhibition as well as matchmaking Government- Industry- University alliance, more creative energy is accumulated. We hope the stage of creative young designers can voice from Kaohsiung to the world.

19. Rethink Kaohsiung Design Festival 2019

"Rethink Kaohsiung Design Festival 2019" was held from October 3rd to November 3rd, located in the Pier-2 Art Center. As "daily life" is set to be the main theme this year, there're 6 main exhibition sections which are connected with a representative food conveyor belt. The exhibition

is also collaborated with 60 creative and cultural shops. Audiences are able to find out possibilities in various aspects of life including food, clothing, housing, traveling, exercising, and recreation. Designers bring their ideas and philosophies into their designing projects, inspiring audiences to see the “unseen” and to make changes. Each of them will help ignite our reflection on life and design. When the city grows rapidly with major architecture and hard construction, it’s essential to remind people the value of the culture and humanity by their own acts. Design Thinking is much expected to bring out more possibilities and proposals towards “Life” and to make influence in people’s way of living and way of thinking. it’s attracted 5,544 visitors.

20. 2019 ART KAOHSIUNG

“2019 ART KAOHSIUNG” was held from December 12th to 15th, locating in P3 Warehouses of the Pier-2 Art Center and the “Citysuits Kaohsiung Pier2”. This time, 66 galleries were invited to participate in the event. To continue the core position of being the platform of Southeast and Northeast Asian Art. “Thailand” and “North Korea” were planned to be theme curatorial areas.

The exhibition was divided into “Thailand Contemporary Art Platform” and “North Korea Contemporary Art Platform” and “New Artists Exhibition Area” to make the exhibition multiple and brilliant, and also successfully attracted 9,000 visitors.

21. 2019 YOUNG ART KAOHSIUNG

“2019 YOUNG ART KAOHSIUNG” was held from December 13th to 15th, locating in P2 Warehouses of the Pier-2 Art Center. This year, it divided into two exhibition areas which are “Special Art Exhibition Area” and “New Artists Exhibition Area”, a total of 46 artists participated in the exhibition, displaying more than 400 works, and attracted more than 1,798 visitors in just 3 days.

22. 2019 Pier-2 Comic & Animation Exhibition



2019 Pier-2 Comic & Animation Exhibition

The content of 2019 Pier-2 Comic & Animation Exhibition’s activities is very abundant, including comic & animation music performance, maid dancing show, original mini comic competition, cosplay, fanzines sales, etc. These multiple exhibitions and activities create more possibilities and deepen the profundity of comic and animation. Pier-2 Art Center insists to hold this event from the perspective of art appreciation in order to create a unique and delicate style of comic and animation exhibition. This event successfully attracted more than 32,000 visitors.

The Development of physical Education and Sport in Society

The Sports Development Bureau of Kaohsiung City Government remains committed to improving facilities at sports venues and enhancing services. Meanwhile, the Bureau is also actively cultivating outstanding athletes, improving the environment and resources for sports, developing competitive sports, expanding international sports exchanges, promoting the sports industry and tourism, and boosting the trend of exercise in the City by encouraging citizens to exercise regularly. All of the above help to shape the image of “Sports Harbor City, Happiness Kaohsiung.”

1. Improving sports facilities and creating a sports industry cluster

(1) Renovating sports facilities to create a quality environment for sports and leisure.

A. The Bureau has secured a subsidy from the central government to renovate the facilities at the Fengshan Sports Park, which amounts to NT\$ 369,340,000. The fitness center, swimming pool, tennis court, track and field, badminton courts, and skating rink have already been completed and are open to the public, with their operations undertaken by the private sector. On the other hand, the contract for an earthquake-resistant reinforcement project was canceled by the Construction Office because the disputes between the contract parties. The Bureau has scheduled another time to call for bids (with a budget of NT\$ 21,610,000).



Adopting private resources to diversify the management of Sports Facilities Investment forum

B. Securing subsidy from the Foresight Infrastructure Plan: 13 projects, NT\$ 1,012,850,000 in total.

(A) Projects completed in 2019: The lawn improvement of the Jhongjheng Stadium, the improvement of barrier-free facilities across municipal stadiums, the facilities renewal and improvement at Lujhu Sports Park, and renovation of the Kaohsiung National Stadium were completed in May, August, September

and November, respectively. The Bureau also applied for renovating the bike lanes connecting the Lotus Pond with Love River, a project which was completed in December 2019.

(B) Projects to be completed between 2020 and 2021: Projects expected to be completed in 2020 include: the improvement of the drainage system and exercising venue for the elderly at the Siaogang Stadium in March, the facilities improvement at the Li De Baseball Stadium in August, and the renovation of boathouses and surrounding facilities at the Lotus Pond in September. The Bureau will apply for the renovation of the Duona Village Multifunctional Activity Center and facilities improvement at the marine sports facilities in Shanwei Harbor, which are expected to be finished in April and July. Constructions to be completed in 2021 include an overall renovation of the central court at the Yangming Tennis Courts and the construction of the Nanzih Wunjhong Soccer Field in August. The Bureau also plans to apply for the establishment of the Marine Activity Center at Sizihwan Bay which is expected to be completed in March, respectively.

(C) The Bureau proposed in November 2019 to apply for subsidies, such as approximately NT\$9.9 million for the construction of a skateboard rink at the Longdesin Road Park and about NT\$ 114,620,000 for the facilities improvement at the International Swimming Pool. The application is pending review by the Sports Administration of the Ministry of Education.

(2) Adopting private resources, diversifying the patterns of facilities management.

A. The operation transfer (OT) of Fengshan Sport Park:

At the first phase, the operation of the badminton courts, swimming pool, and sports center were transferred to the contractor on November 1, 2019. Other facilities (the tennis court, information center, skating rink, and gym) will be operated by private companies once the earthquake-resistant reinforcement is completed. This operation model not only helps to save NT\$ 21.05 million for the City Government, but also brings in NT\$ 6.3 million-worth of ground rent and approximately NT\$ 500,000-worth of royalty payment, creating profits of NT\$ 27.85 million for the City Government every year.



Kaohsiung City Fengshan Sports Park

B. The Build-operate-transfer (BOT) of Sports complex.

The Bureau planned to conduct the plan of sports complex (Sports center 2.0) that including the Yangming Skating Rink in Sanmin District, the Extreme Sports Arena in Lingya District, and the Nanzih Swimming Pool in Nanzih District. With the cooperation between the public and private sectors, the Bureau hopes to provide a sports facility for all ages that can provide Kaohsiung citizens with health, leisure, recreation options, and convenience. A last-phase feasibility evaluation is expected to proposed in May 2020, while follow-up policies and OT

procedures are to be confirmed in June 2020.

C. Encouraging private sectors to operate sports facilities

The Bureau is actively conducting to build the public-private-partnership (PPP) in Chengcing Lake Baseball Stadium, Li De Baseball Stadium, and Lotus Pond Aqua Sports Center, increasing the overall value of public facilities, creating a sports industry cluster, and facilitating the development of relevant industries. While local sports organizations and enterprises have taken over the operation of 5 stadiums, institutes and schools also operate 17 sports facilities. Also, according to the Government Procurement Act and the Act for Promotion of Private Participation in Infrastructure Projects, the Bureau commissioned the operation of 7 and 4 facilities to private sectors, respectively. These measures not only help the government to cut spending of about NT\$ 23.83 million, but also bring in an extra NT\$ 1.93 million (royalty payment) to the City's annually revenue.

2. *Enhancing competitive edges and streamlining talent cultivation*

(1) Completing a talent cultivation mechanism

Through the sports science and protection system jointly established with Siaogang Hospital, the Bureau takes care of athletes by providing them with a united clinic, a specialized training clinic for rehabilitation, on-team medical services, professional courses, and other medical services. Also, the Bureau has invested NT\$ 6 million in executing the Dashing Project of the 2019 National Games, hoping to strengthen delegation's ability to win gold medals.

(2) Participating in the 2019 National Games

The delegation around 900 players, coaches

and administration staffs participated in the National Games held by Taoyuan City from October 19th to 24th, breaking five national records and six Games records, and acquiring 46 gold medals, 49 silver medals, and 55 bronze medals in total. Kaohsiung team got 4th place in the medal amount leaderboard, given the President of the Legislative Yuan Award.



Flag Ceremony for 2019 National Games TAOYUAN

- (3) Granting training subsidies and prize to excellent athletes.

The training subsidies of NT\$ 34,032,000 were approved and distributed to 273 medalists in the National Games, NT\$ 18,684,334 of prize was granted to the medalists and their coaches partaking in sports competitions NT\$ 54,012,500 of prize was approved and distributed to the medalists and their coaches in the National Games. NT\$ 650,000 were awarded to the medalists in the Napoli 2019 Summer Universiade. Another NT\$ 90,000 was awarded to the medalists in the 2019 World Roller Games specially.

- (4) Improving training resources for local athletes by initiating the “Future Stars Cradle Project”.

The Bureau cooperated with enterprises and local civic groups including sponsor resources for sports training. Successful cases included the collaboration with Herbalife International of America Inc., Formosa Plastics Corporation, and Zuoying Fongyi

Chenghuang Temple, which provided NT\$ 690,000-worth of sponsorship in total, subsidizing the City weight-lifting, track and field, and triathlon athletes.

3. Organizing various activities and promoting sports for all ages

- (1) 2019 Kaohsiung Sports Festival

The Bureau organized nine unique and attention-pivoting activities between January and March, all centered on the theme of “Sports, Make You Stay Young Forever.” including the Hejia Cup Volleyball Game, the Rugby Sevens Championship, and the Kaohsiung Mizuno International Marathon. Moreover, the Bureau also organized other activities based on sporting trends, such as the hiking in Ciaotou Sugar Refinery, the Children Soccer Championship, the Parent-Child Trail Orienteering, the sports-promoting workshops for elderly, the Mayor Cup Gate ball Championship, and the Mayor Cup Roller Skating Championship. The number of participants in all events was approximately 35,450.

- (2) Guiding and subsidizing the sports to organize diverse sports events.

According the survey on national sports status conducted by Sports Administration, MOE, 2019, rate of people doing exercises in Kaohsiung regularly reached a record high of 35.3%, ranking 2nd among the six municipalities and surpassing the national average, by 1.7%. In 2019, the Bureau collaborated with colleges and universities, sport organizations, and private sectors in the City on holding 246 events and providing subsidies of approximately NT\$ 19,730,000; these events attracted about 210,000 participants. The Bureau also offered administrative assistance to 25 road running events that boasted around 116,600 participants, obeying to the Review Plan of Running Activities Application.

(3) Executing i Sports Taiwan Project.

By cooperating with responsible organizations of the City Government, the Kaohsiung Municipal Sports Federation, districtional sports committee, schools of all levels, and civilian sports organizations, the Bureau implemented 15 special projects with subsidies of NT\$22,887,000 from the Sports Administration. Participants are from all fields including teenagers, the physically-challenged, women, the elderly, indigenous people, immigrants, and laborers, etc.; the number reached around 200,000 people. As a result, Kaohsiung City was prized as top 3 among central and southern local governments.

(4) Offering diverse sports courses and swimming camp.

The Bureau provided the general public with a wide range of sports courses at an affordable price. There are 528 participants in the 26 sports courses, while 2,909 people attended the 6 kids' classes and 295 standard classes of the swimming camp.

(5) Diverse activities and services at the Kaohsiung National Stadium.

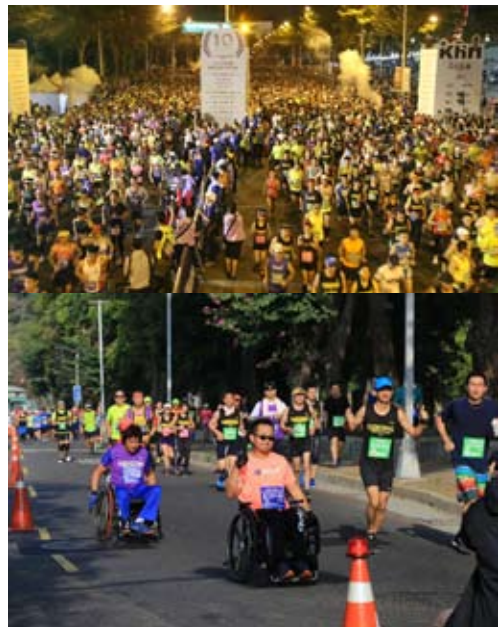
The Bureau organized a total of 85 diverse events at the National Stadium, ranging from sporting events to seminars and entertaining performances by for-profit organizations. These events occupied 213 days in 2019, with 122 days dedicated to the events per se and 91 days for pre-event preparation, estimating 721,728 participants.

4. *Upgrading services at games and strengthening the images of the events.*

(1) 2019 Kaohsiung Mizuno International Marathon

The Sports Administration selected the Kaohsiung Mizuno International Marathon as one of the representative marathon in 2019. Held on February 17, 2019, the marathon started at the Kaohsiung National Stadium.

The marathon was divided into the full marathon group, the 25 km group, and the fun run group, with prize money of NT\$ 2.1 million in total. The marathon attracted approximately 20,000 participants, among which 627 were foreigners from 33 countries. The Bureau also signed cooperation and exchange memorandums with 6 international exchange cities for the first time. Event made an economic output around NT\$ 90 million.



2019 Kaohsiung Mizuno International Marathon

(2) 2019 Kaohsiung Love River Dragon Boat Festival

The Sports Administration select the Kaohsiung Love River Dragon Boat Festival as one of the “twelve fine selections of the hundred Fun Sports games in Taiwan.” The Festival was held from June 7th to June 9, 2019 and attracted 3,135 participants from 132 teams, among which over 300 people from 24 teams were foreigners. The Festival drew over 150,000 tourists and created a tourism yield of approximately NT\$ 30 million.



2019 Kaohsiung Love River Dragon Boat Festival

- (3) Creating an friendly environment to the e-sports industry and establishing Kaohsiung as the capital of e-sports

The Bureau held the Kaohsiung E-sports Industry Symposium, an industry-academic event jointly held with the Economic Development Bureau, Education Bureau, and Youth Bureau on July 12, 2019. The Bureau also co-organized three e-sports games with the Kaohsiung E-sports Committee: Kaohsiung City Port City Cup – National E-sports Tournament 2019 (with 64 teams participating in the event), the Arena of Valor On-campus National Championship 2019, and the League of Legends On-campus National Championship 2019. The latter two attracted about 1,280 competitors from 256 teams. The Bureau helped expand students' prospects, cultivated talents to meet the needs of the e-sports industry, and built an e-sports talent training base by creating an environment for e-sports and shaping the e-sports culture. The Bureau also work on building a platform for the e-sports industry

and integrated the novel e-sports adopting motion-sensing technology to the whole industry.



E-sports games

- (4) 2019 Kaohsiung Street Drag Racing (SDR) Carnival

Kaohsiung City held its first SDR event on the World Games Boulevard from October 25th to October 27, 2019. The race was accompanied by a festival nearby, which included themes such as music, gourmet food, and automobiles. A total of 18 news media covered the event, and the internet coverage of the event received 132,474 clicks. The live broadcast of the race was also viewed by about 50,000 people.



2019 Kaohsiung Street Drag Racing (SDR) Carnival

- 5. Strengthen international exchanges and shaping Kaohsiung as an a sports harbor city**

(1) Organizing international events

The Bureau held international events, such as the 2019 Taiwan Women's Golf Open, the 2019 CTCA International Chess Open, the 2019 Taiwan Cup Track International Classic I & II, the 2019 Kaohsiung OEC Open, the 2019 FIBA 3x3 Kaohsiung Challenger, the 2019 Kaohsiung Open UNIQLO Wheelchair Tennis Tour, the 2019 City Cup International Dragon Boat Championship, the 2019 Kaohsiung 24H Charity Ultramarathon, and the 2nd Kaohsiung International Beach Handball Invitational Tournament. Besides providing athletes with a stage to compete on during international games, the Bureau also successfully marketed the City by increasing its publicity, developing the City's sports economics as a result.



2019 2nd Kaohsiung International Beach Handball Invitational Tournament

(2) Facilitating the camp activities for int'l sport group.

The Bureau increased economic benefits by establishing an exchange platform for international sports, enabling foreign athletes to come and train at the sports facilities in the City. The farm team of Doosan Bears from the Korean Baseball Organization (KBO) trained at Li De Baseball Stadium. The primary and farm teams of Lotte Giants from KBO trained at Kuoching Cingpu Baseball Field, while the track-and-field team of Japan's

Fukuoka University trained at Zhongheng Stadium.

(3) Cooperation and Exchanges in Marathons.

The Kaohsiung International Marathon signed memorandums of exchange with six cities from Japan: Sapporo City, Kumamoto City, Koyama City, Semboku City, Kaga City, and Ukyo Ward of Kyoto City. Besides delegates from Setagaya Ward of Tokyo and Akita Prefecture, the Bureau also received visitors from sister cities and friendly cities from Southeast Asia, expanding the scope of cooperation in various aspects.

(4) International inspections and visits.

A. Exchanges with international cities on the marathon

The Bureau led teams to partake in the 11th Oyama Omoigawa Zakura Marathon in April 2019, the 34th Tazawako Marathon on September, 2019 in Semboku City, and the 44th Sapporo Marathon on October, 2019.

B. Participating in the SportAccord Convention

The Bureau took part in the 2019 World Sport & Business Summit from May 4th to May 10, 2019 at the Gold Coast in Australia, which had 1,700 participants representing 83 institutions and 109 international groups and associations from 84 countries (176 cities and regions).

C. Participating in dragon boat invitational races

The Bureau led teams to participate in the 2019 Hong Kong International Dragon Boat Regatta between June 13th and June 17th, and the 2019 Shanghai International Chinese Dragon Boat Invitational Tournament between September 18th and September 22nd. The objective was to promote Kaohsiung Love River Dragon Boat Festival and the City Cup Dragon Boat Festival so that the Bureau can facilitate sports-related exchanges.

V. Mass Communication

State of Cable TV System Operators and Movie Theaters in Kaohsiung City

1. The following 12 movie theaters (115 Auditoriums) were in operation: Oscar 3Digital Theaters, Universal Cinemas, Vieshow Cinemas (FE21 Mega Far Eastern), Cinemark Ximen (Dream Mall), MLD Cinema, in89 Cinemax Indulge, Deluxe Cinema, in89 Pier 2 Cinema, Ambassador Theatres (Taroko Park), Meichilai Cinema, Shiquan 3D Cinema, Okayama Unity Theatre, Ambassador Theaters (E-DA World) in addition to around 40 video program production companies.
2. A total of five Cable TV System Operators served the following areas :
 - (1)Gangdu Cable TV operated in Lingya, Xinxing, Qianzhen, Qianjin, and Xiaogang Districts; Qinglian Cable TV served Yancheng, Gushan, Zuoying, Nanzi, Sanmin, and Qijin Districts. Fengxin Cable TV's network covered Fengshan, Daliao, Renwu, Dashe, Linyuan, Dashu, and Niaosong Districts. Nanguo Cable TV offered services in Gangshan, Qishan and other districts, while New Kaohsiung Cable TV was extending business to all districts, with services being available in Lingya, Sanmin, Zuoying and Qianzhen Districts.
 - (2)Public Access Channel program production, broadcasting, and promotion: Enhanced accessibility of Public Access Channels, production and broadcasting of high-quality public-benefit, social education, artistic & cultural, and dual-language educational programs in addition to live broadcasts of departmental and general interpellations in city council sessions.

Public Information Services

1. Public Opinions Collection and Press Release

Daily collection of news reports, commentaries and suggestions regarding municipal construction and development in print, online, and TV greatly facilitated proper responses to public concerns and served as a reference for administrative measures. News releases were coordinated with important municipal schedules, policies, and activities and posted online for public browsing. In addition, a task force was formed for news releases during meeting sessions of the City Council to provide the general public with a better understanding of major decisions and the main focus of interpellations.

2. Multimedia Campaigns

- (1)Marketing clips were produced and broadcast through diverse channels in an effort to promote major events, municipal construction, development projects and tourism, and build up an image of urban transformation. In 2019, marketing clips on Kaohsiung City and Seasonal Large-scale Events were produced and broadcast to promote Kaohsiung tourist attractions and encourage public participation in advertised activities.
- (2)Marketing through TV commercials aimed to boost the promotion of major hard- and software infrastructure of Kaohsiung, implement traffic safety concepts, exhibit Kaohsiung's urban image, promote tourism features, and reinforce local identity.



Screenshot of "Kaohsiung is Awesome" Spring season promotion clip

- (3) Relevant departments and bureaus of this government organized the Star Gala – Communication Service & Program Production Campaign by tapping private resources. With a view to increasing the visibility and public participation in these activities, real-time signals of the planning of the opening forum, artefact exhibition, opening ceremony, and welcome reception were provided to the media. In addition, produced programs were aired on TV and Internet channels.
- (4) Dr. Leroy Chiao, a Chinese-American engineer and former NASA International Space Station Commander, was invited to give his first public speech in Taiwan. Media exposure consisted of TV coverage (a total of 10 news reports on CTi News, CTV, CTS, TTV, TVBS News, and EBC News) and print media coverage (3 articles in Liberty Times, United Daily News, and Taiwan Times). Facebook live streams reached 40,533 viewers. They were shared 100 times and viewed over 19,000 times, thereby fostering the urban spirit of young dreamweavers and builders of Kaohsiung.



Light Up Your Dreams- Astronaut Dr. Leroy Chiao Shares His Experiences

- (5) This Bureau produced and broadcast leisure and tourism programs to boost urban marketing and advertise local features. These programs were aired on the city's public access channel (CH3) and the YouTube channel of Kaohsiung City to increase public exposure :

- A. Kaohsiung 38 Go : This program aims to introduce special people, events, and places in all administrative districts of Kaohsiung City. In 2019, a total of 50 episodes were produced and broadcast. Each episode had a running time of 30 minutes.
- B. One Night in Kaohsiung : This program aims to unveil tourism and local industry highlights and showcase different aspects of local culture in the Greater Kaohsiung area including diversified local industries, infrastructure, and local culture & creative industries. In 2019, a total of 13 episodes were produced and broadcast. Each episode had a duration of 60 minutes. They also aired on TVBS 56, the "Super Taste" Youtube channel, and the "Super Taste" official website.
- C. 2019 Kaohsiung Neimen Song Jiang Battle Ritual : Live broadcasts of the creative Song Jiang Battle Ritual competitions on nationwide TV channels (CTi Entertainment, CTi International, and CTV Bravo) serve the purpose of preserving local cultural characteristics.

- (6) This Bureau also provided in-depth coverage of major municipal construction and development projects and policies, hard- and software installations, and cultural, industry, and tourism events of this city in a real-time manner on the public access channel (CH3), the YouTube channel of Kaohsiung City Government, the "Bravo Kaohsiung" Facebook Fan Page, and other channels for city residents.

- A. Love Kaohsiung : In 2019, 72 special projects were covered in 24 episodes in Taiwanese and Mandarin. Each episode had a running time of 30 minutes. Key municipal projects included: “Promotion of Bilingual Education - Cultivation of a Talent with a Global Outlook”, “Youth Bureau Organizes Youth Entrepreneurship Alliance - Integration of Industry - Government- Academia Resources of 29 Members”, “Microsoft Taiwan and Kaohsiung City Government Join Hands in the Development of AI System Applications to Boost Bilingual Education.”
- B. City Reports: In 2018, the Bureau produced and broadcast 20 episodes with a duration of 3 minutes each. Covered topics included : “The Great Challenge of Road Smoothing – New Paving Methods Unveiled”, “Don’t Forget Those in Need – Mayor Han’s Government Provides Free Lunch Coupons for 7600 Children from Underprivileged Challenged Families” , “Unprecedented Achievements in the Banishing of Red Pollution Alerts – Kaohsiung City Government Strikes a Blow Against Air Pollution”.

3. Marketing through Print Media

Achievements in the field of municipal development and various tourist attractions were marketed and promoted in cooperation with newspapers and magazines through placement of advertisements such as “Change Starts Now”, “Visit Kaohsiung in Fall”, “2019 LOVE Kaohsiung Light Show”, “Achievements in Export Sales of Agricultural Produce”, and “Pearl Program”.



Print media advertisement

4. Internet Marketing Campaigns

- (1) In line with the rising popularity of online media, the Bureau aimed to increase the visibility of Kaohsiung City marketing efforts via Internet platforms. 10 Kaohsiung-themed video clips were selected included “Sanmin Market Delicacies”, “The Best Paver”, “Urban Ladies Share Kaohsiung Delicacies”, and “The City of Love”. Every clip reached a milestone of over 100,000 views on YouTube or over 20,000 people reached on Facebook. More than three clips were broadcast on each relevant medium. The ultimate goal is to highlight the vigor and vitality of Kaohsiung through creativity of the Net Generation.
- (2) The city government utilized internet marketing to promote “Lunar New Year Event Ads”, “Spring Travel Fun”, “Kaohsiung Rock ‘n’ Roll Festival”, “Light Show”, “LIGHT & KOOL Autumn Activities”, “Friendly Society -Common Good for All”, and “New Beginning for Kaohsiung”. The government strives to utilize flexible concepts and innovative methods to boost the promotion of various achievements in the field of municipal development and tourist attractions in this city



Online media ad

5. Multimedia Marketing

- (1) The city government displayed municipal advertisements on backlit billboards of bus shelters leased from the Ministry of Transportation and Communications for free to reach commuters, students, riders, drivers, and pedestrians and thereby enhance promotional effects.
- (2) It cooperated with the English-speaking radio station ICRT in the production and broadcast of special reports in English with the goal of introducing Kaohsiung to a wider foreign audience and young students and thereby realize the goal of a bilingual city.
- (3) Broadcast media were utilized to publicize municipal accomplishments or festival events. Covered topics included “Kaohsiung Star Gala” and “Summer Culinary Delights and Pearl Program”.
- (4) Promotional PVC banners were utilized as outdoor media to advocate road and traffic safety for Kaohsiung citizens. Outdoor promotional PVC banners were placed at various locations to enhance the public’s awareness of road safety and to publicize events and construction projects of the city government.
- (5) The Documentary “Run for Dream”

records the courageous and arduous journey of Tommy Chen, a 4 Deserts Ultramarathon athlete and pride of Taiwan. This Bureau actively supports high-quality local film productions through the organization of a special movie appreciation event. The ultimate goal is to encourage the public to bravely pursue their dreams in an indomitable spirit. Media exposure was achieved through coverage of 35 films on TV channels and reports on 17 films on print and online media.



Tommy Chen Documentary “Run for Dream” Movie Appreciation Event

6. International Media Marketing

- (1) The city government organized a Kaohsiung marketing and channel program that relied on international Internet experts. Five teams of Internet celebrities from Japan, Korea, Hong Kong, Thailand, and Malaysia were enlisted for an urban marketing campaign. In addition, a superb marketing clip was produced and uploaded to social media sites in Japan, Korea, Thailand, Malaysia, and Vietnam including YouTube, Facebook, Instagram, Google, Twitter, and Reuters. An international press conference held in the context of this program to considerably enhance the popularity and visitor rates in the city through diversified promotion channels.



International Internet expert market Kaohsiung

(2)Kaohsiung City Government utilized its official Twitter (@KaohsiungCity) account to provide international audiences with the latest updates in different languages (English, Japanese, and Southeast Asian languages) and thereby achieved the goals of topic creation and rapid dissemination. It also cooperated with internet KOL and celebrities to promote the unique charm of Kaohsiung City.

7. Road Safety Awareness Campaign

(1)Media campaigns

Multimedia road safety advertising efforts encompassing newspaper and online ads, broadcasts and magazine ads, nationwide TV commercials, Kaohsiung MRT ad placement, bus exterior ads, public bicycle rear fender ads, outdoor PVC banners, convenience stores, and Kaohsiung MRT, Watsons, and McDonald's advertising campaigns served the purpose of reinforcing accurate road safety concepts among the general public

(2)Production and broadcasting of educational clips

Two road safety educational clips titled "Kicking the Habit of Running Red Light" and the "A-Pillar" were produced to enhance road safety in this city via diverse promotion channels in a manner suitable for all cohorts and population groups.

(3)Promotional activities

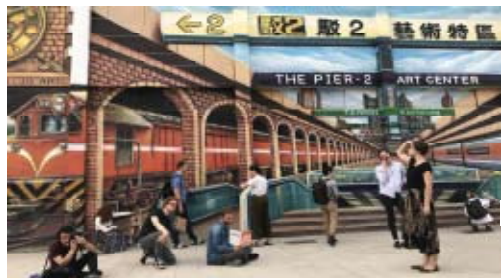
In line with urban marketing activities organized by various departments and bureaus or self-initiated private activities, traffic safety promotional gifts were given away in Q&A contests to instill the concept of traffic safety in daily life. A total of 19 road safety promotional activities were organized.



Road safety education booth on occasion of EcoMobility Day

8. International Media Relations

International media representatives from Associated Press and other foreign media stationed in Taiwan, RKB Mainichi Broadcasting Corporation (Japan), a German daily newspaper, Le Monde, and NDR (Northern German Broadcasting) were invited to visit Kaohsiung. They received reception and liaison services, recommendations on photo-shooting locations, and planned itineraries encompassing various locations of interest and sites of municipal development in town.



Foreign media coverage

9. Continued operation of the Online Disaster Information Platform

The Information Bureau continued to operate its Online Disaster Information Platform to provide the public and media with disaster information in a real-time manner. The platform compiles and reports updated data on disaster conditions in coordination with the timely establishment of a Disaster Response Center (Level 1). Disclosed data encompass the number of evacuated and sheltered individuals, number of households without water and electricity, school and office closure conditions, mudslide warnings, and statistics on losses of the agriculture and fishery industries.

10. Urban Marketing Events

(1) Organization of a “Brilliant Kaohsiung” FB Photography Competition

This photography competition resulted in the creation of high-quality works that tell stories of local people and places in Kaohsiung. In addition to the selection of the top three award-winning works and five outstanding pieces by the jury, over 2,000 netizens chose three works for popularity awards by online vote on the “Bravo Kaohsiung” official Facebook Fan Page of the Information Bureau. Each award-winning work represents a different facet of the beauty of Kaohsiung. They have also been posted on the official website of the Information Bureau as an excellent resource for Kaohsiung-related marketing efforts by all bureaus and departments of this government as well as the private sector.

(2) Organization of Chen Chen Kaohsiung Star Gala activity series

Over 40 directors and celebrities from Taiwan and Hong Kong including movie director Li Hsing and actress & singer Puff

Kuo were enlisted by Ms. Chen Chen, a famous Taiwanese actress and Kaohsiung Charity Ambassador, to travel to Kaohsiung and participate in a campaign that incorporated elements of urban marketing, cinema, romance, and charity. In addition to Meet & Greet press conferences by stars of the movie industry from Hong Kong and Taiwan such as Ms. Chen Chen and Charlie Chin, events such as “Candid Panel Discussion – The Celluloid Dreams We Pursued in the Past”, “Reminiscing About the Golden Age: Chen Chen’s Kaohsiung Film Festival – exclusive screening of 14 classic movies remastered in digital format, “Grand Exhibition on Occasion of Chen Chen’s 55th Anniversary in the Movie Industry”, and “Star Gala Shows Concern for Seniors” aimed to promote the film and love industries. In addition, an exclusive Kaohsiung Walk of Fame was created on the Hedong Rd sidewalk on the bank of the Love River to add new momentum to the urban marketing campaign. These activities attracted over 1.2 million viewers at the event venues, on TV, and online (live streaming)



Chen Chen Kaohsiung Star Gala activity series: Film Festival Opening Ceremony

(3) Organization of a Kaohsiung Mascot Activity Series

“Love Kaohsiung” Shiba Inu dolls and images were designed as mascots to create a relaxed and joyful environment for the

mayor's efforts to make Kaohsiung rich. Various events such as "Presentation and Birthday Party for the New Mascot "Love Kaohsiung", an online voting activity titled "Kaohsiung Mascot Reporting for Duty!", and "Kaohsiung Mascot Fun Party" were organized to advertise unique urban features and tourist attractions by relying on diverse Kaohsiung mascots. These activities attracted close to 170,000 viewers at the event venues and online (live streaming).



Kaohsiung Mascot Fun Party

(4) Organizing large-scale events by tapping private resources

A. 2019 7-ELEVEN Kaohsiung Beer Festival

This annual event is organized by private enterprises with administrative support from the city government. The 2019 Beer Festival was held on the square opposite Kaohsiung Dream Mall from July 5 to 7. It featured live performances by 17 troupes of entertainers and performing artists, debut performances by Korean superstars in Taiwan, and exciting activities associated with legendary beer snacks. This three-day event drew over 35,000 participants.

B. 2019 OPEN! Dream Mall Balloon Parade

This annual event has been organized for 14 consecutive years by private enterprises with administrative support from the city government. This year's

event which kicked off on December 14, 2019 was inaugurated with a parade of huge cartoon character balloons on Time Avenue. The "Kaohsiung Team" (City Government Delegation) led by the "Love Kaohsiung" Mascot and Deputy Mayor Yeh Kuang-Shih handed out promotional gifts. This parade aimed to spread the love and joy of this cheerful event through passionate interactions with city residents.



2019 OPEN ! Balloon Parade

C. 2020 E-Da World New Year Countdown and Firework Show

This annual event is organized by private enterprises with administrative support from the Information Bureau. This year's event featured a drone performance coupled with a stunning firework show. Starting at 23:59 on December 31, 2018, one minute before the end of the old year, a New Year's musical firework show started at midnight for 999 seconds to usher in the new year.



2020 E-Da World New Year Countdown and Firework Show

D. “Love×Sharing” Kaohsiung Dream Mall New Year’s Eve Countdown Party

This annual event is organized by private enterprises with administrative support from the city government. A formidable lineup of stars delighted the audience with exciting performances at this year’s event. 15 troupes of entertainers and performing artists were introduced by a team of hosts featuring Sam Tseng, Zax Wang, Miranda Lu, and Claire Guo. Promising young singer Bii was enlisted as the opening act, while superstars Ding Dang and Jam Hsiao gave performances right before and after the countdown. A city government delegation led by Mayor Han joined the audience in the countdown to ring in the new year. A total of 5,417,000 viewers watched live broadcasts of the event on TV, while a live stream on YouTube hit over 2 million views.



“Love×Sharing” Kaohsiung Dream Mall New Year’s Eve Countdown Party

11. Publication of E-Journals, Various Periodicals and Non-Periodicals

(1) Publication of the electronic and print Takao and LOVE Kaohsiung journals was posted on the Information Bureau’s official website and marketed through a variety of channels.

A. Planned publication of e-journals and printing of bimonthlies

- The Takao e-journal is published monthly (12 issues per year). It covers topics such as unique characteristics of Kaohsiung, cultural landscapes, tourism, local cuisine, artistic and cultural events, and information on local specialties. The e-journal enables readers to gain a better understanding of the multifaceted aspects of Kaohsiung, thus augmenting urban marketing.
- The Takao e-journal was distributed to all employees of the Kaohsiung City Government and subscribers, and uploaded to collaborating online platforms including udn.com, paper.udn.com, and chinatimes.com.

B. Takao print journal

- Highlights from every 2 issues of the Takao e-journal were compiled into the bimonthly print edition, with 6 issues being published in a year. 20,000 copies of each issue were printed.



Takao print journal

- Free copies of the print journals were regularly sent to organizations, schools, and libraries around Taiwan. In addition, the Takao journals were also displayed at around 200 locations in Taiwan including visitor information centers and tourist attractions for free pickup by the public.
- A PDF version of the Takao bimonthly was uploaded to the Information Bureau website as a flip e-book for perusal by the public.

C. Promotion of Takao electronic and print journals via social media : Content of and links to the journals were shared periodically on the Information Bureau’s “Bravo Kaohsiung” Facebook Fan Page and the Kaohsiung City Government’s official LINE account.

D. Love Kaohsiung bimonthly in English and Japanese

This bimonthly journal provides coverage of city events, major construction projects, and tourism in English and Japanese. 11,000 copies are printed of each bimonthly issue (a total of 6 issues are published each year). Foreigners residing in Kaohsiung or on business or leisure trips to the city represent the journal’s target readership. Free copies were available for pickup by the public at a total of 120 locations including Kaohsiung International Airport, Kaohsiung MRT Stations, Kaohsiung hotels, and artistic & cultural venues such as cultural centers and art museums. After publication, the text and images of the print journals were uploaded in digital format to the Information Bureau website, udn.com, and paper.udn.com for online viewing by the public.



Love Kaohsiung bimonthly in English and Japanese

(2)Publication of non-Periodicals in coordination with municipal construction and development projects: :

A. Printing of Brief Introduction of Kaohsiung (official title: “Kaohsiung – City of Love and Joy”)

This publication was released in Traditional and Simplified Chinese, English, and Japanese to give international visitors a better understanding of the latest developments and current appearance of the city.

B. Production of the 2020 Kaohsiung Calendar

This calendar presented unique cultural features and scenic spots of this city through illustrations with a patchwork layout of months and days. Due to the adoption of an ingenious design, the calendar can be converted into an origami version of the mascot “Love Kaohsiung” which can be used as a soothing and stress-relieving desktop decoration through a simple DIY process involving cutting and pasting



2020 Kaohsiung Calendar

Kaohsiung Broadcasting Station

Kaohsiung Broadcasting Station broadcasts live from 6:00 a.m. to 2:00 a.m. (20 hours daily). The radio station serves as a public information station in the Greater Kaohsiung Metropolitan Area. Program contents include news, education and culture, public services, policy advocacy, entertainment, and concern for underprivileged groups. Production, broadcasting and marketing contents in 2019 can be summarized as follows:

1. Award-Winning Quality Programs

In 2019, the station garnered two Golden Bell nominations. Li Ke was nominated for the best sound effect award and feature program award



Kaohsiung Broadcasting Station is nominated for two Golden Bell awards in 2019

2. Diversified Programs Fulfilling Public Welfare Functions of the Government-Run Radio Station

(1) Development of a multi-language learning environment :

A. In line with bilingual policies, Kaohsiung Broadcasting Station offered bilingual programs on a large scale starting in March 2019. These programs had a combined length of 3303 minutes per week, accounting for 39% of the total weekly broadcasting time (8400 minutes). Experts and scholars in the field of English language studies were enlisted to assist in the production of these programs. Such experts and scholars were also invited as guests for these bilingual programs 309 times.

B. 1. Nine time slots a day were reserved for short English lessons with a length of roughly three minutes. Besides the “Dagou English Lessons”, which are co-produced with the Department of English, National Kaohsiung University of Science and Technology, the station added “News ABC”, produced in

cooperation with Wenzao Ursuline University of Languages and “Oh! English is So Easy” by Ivy English. The ultimate goal is to promote bilingual policies through industry- government-academia collaboration. Apart from these nine radio time slots, lessons can also be revisited on the official website and Youtube channel of the station.

(2) The languages used on FM94.3 were mainly Taiwanese and Mandarin. In addition, 13 hours of programs in Hakka, indigenous languages, Thai, Indonesian, Cambodian, and Vietnamese and 12.5 hours of classical music programs were broadcast every week. Another 7 hours of programs for new immigrants, the physically or mentally handicapped, the elderly, the LGBT community, and other minority groups were produced and broadcast on a weekly basis.

(3) Establishment and improvement of information platforms

The production of programs was facilitated through accumulation of private resources and expanded collaboration between government agencies and NGOs, allowing diverse viewpoints and professional knowledge to be more widely disseminated via the station. 36 charity organizations that support underprivileged groups in our society were invited in 2019 to co-produce programs broadcast by this station.

3. Organization of Bilingual Learning Activities and Promotion of Bilingual Programs

(1) Renowned English teachers were enlisted for a bilingual lecture series from June 15 to 22. Peter Lai and “Broken English” expert Michael Cheng gave lectures on “How to Learn English Easily” and “New Horizons in Learning English” ,

respectively. The event was held in the Attic Staircase on the 3rd Floor of Kaohsiung Main Public Library. Live streams on Facebook for citizens who were unable to proceed to the venue were viewed 8100 and 5300 times, respectively.



Bilingual lecture series (1) – Lecture on “How to Learn English Easily” by Peter Lai

(2) A “News ABC Little Radio Host Summer Camp” was held in two batches on August 5 and 6. English news anchors James Lin and Howard Chien were enlisted as instructors for two courses titled “News Presentation Concepts” and “How to Become a Bilingual Anchor”. Bilingual expression skills and the self-confidence of students were strengthened through course offerings and educational games coupled with a “Bilingual Live Show by Little Hosts”. Online videos for the first and second batch received 4379 and 4373 views, respectively.



Bilingual Little Radio Host Summer Camp

4. Organization of Facetime activities with listeners to intensify interactions

On occasion of the 37th anniversary of Kaohsiung Broadcasting Station, Mr. Qing-Yuan Zhou, a pastry master considered a national treasure in Taiwan, was invited to give a lecture on “The Role of Flour in our Daily Lives” and on July 5, 2019 to intensify interactions with its listeners. He also taught the audience of 40 city residents how to make delicious pastry.



Lecture on “The Role of Flour in Our Daily Lives” by Mr. Qing-Yuan Zhou

5. Diversified City Marketing

All-out promotion of large-scale industrial and cultural events held by the government in different administrative districts was achieved by stepping up efforts in the field of exclusive interviews promotion by anchors. A total of 672 exclusive interviews and 3331 promo tapes and promotion by anchors were broadcast to promote events in 2019.

6. Keeping Track of Critical Emergency News to Expand Public Services

Regular programs were suspended in a flexible manner and live broadcasting was extended to 24 hours in response to natural disasters and sudden major incidents. Anchors constantly delivered relevant information and interrupted their programs for the latest notifications and messages for disaster prevention. Broadcast contents included safe driving messages on

rainy days, real-time reports of traffic conditions, immediate updates on the disaster relief progress, messages about clearing of drainage systems, releasing of sand bags for flood prevention, the 1999 rescue hotline, news on work and class suspensions, opening of temporary parking lots, as well as the Kaohsiung Disaster Information Real-time Query Platform.

7. Diversified Local News to Reinforce the City's Promotion Efforts

Coverage was provided on important city administration and local news, offering municipal news of the Greater Kaohsiung region for the listeners of the station. Over 4,182 local news stories were reported in 2019. In addition, programs and special projects such as “Little Dagou Academy”, “Live943 Evening News”, “Kaohsiung Hot Issues”, “Kaohsiung 943 Commissioner”, and “Kaohsiung Wire” were produced and broadcast to give in-depth

perspectives on the municipal development, activities, and local news.

8. Setting Up of a Responsive Website to Provide Diversified Browsing Experiences and Online Listening Channels

- (1) The new official website of the station went live on September 30, 2019. A responsive web design has been adopted to meet the diversified needs of mobile Internet users and provide listening environments without any temporal and spatial constraints.
- (2) The built-in voice online (LIVE) and video-on-demand (VOD) systems allow the public to listen to programs live or revisit recently broadcast programs. The website also features platform functions such as live-streaming windows and hyperlinks to Facebook and YouTube to give visitors a chance to listen to live broadcasts or revisit previous programs.



■ 高雄流行音樂中心
■ /文化局

CHAPTER 5



Social Security

- I. Social Security & Welfare
- II. Civil Organizations and Religious Activities
- III. Community Development and Social Work
- IV. Labor Services and Welfare
- V. Sanitation and Health Care
- VI. Substance Abuse Control and Prevention
- VII. Environmental Protection
- VIII. Public Safety

I. Social Security & Welfare

Social Assistance

1. Setting up goods banks to provide daily necessities to disadvantaged families periodically, regionally, and in appropriate quantities. In 2019, six physical stores and 53 distribution stations were set up, providing services to 16,356 households and 27,167 persons. In addition, to meet the commodity needs of families in remote areas, the first “Mobile Grocery” was launched in October 2019, using cargo vans to deliver goods to remote areas. Six sessions were organized to provide services to 217 households.
2. Administering counseling, short-term placements and care activities for the homeless. In 2019, a total of 518 placements in temporary shelters were given; 4,512 outreach services were conducted.
3. Implementation of the “Emergency Assistance Program”: 1,221 cases were granted a total of NT\$17,484,000 in 2019.
4. National Pension premium subsidy for the disadvantaged: According to payment notifications and the list of subsidy recipients issued by the Bureau of Labor Insurance every half year, subsidies were granted to 737,851 persons, totaling NT\$431,454,450, between October 2018 and September 2019.



Mobile Grocery – unboxing cargo van

Table 5-1 Social Assurances in Kaohsiung City in 2019

Items	Subsidy Standards	Recipients (or number of times service is provided)	Amount (NT\$)
Living Subsidy for Low-Income Families	Category I: NT\$12,324 per person per month. Category II: NT\$6,115 per household per month. Category III: NT\$2,073 per household for each of the three major festivals per annum.	82,892	484,877,986
	Chinese New Year benefits per household in Categories I to IV: NT\$2,000 for single people; NT\$3,000 for those with family.	15,202	38,381,000
Mid-to-Low Income Family Qualifications	1. Full subsidy for National Health Insurance deductibles for children and adolescents aged 18 and below. 2. 50% subsidy for National Health Insurance deductibles for citizens aged 18 and above. 3. A 60% exemption of tuition and miscellaneous fees for students of domestic public and private senior high schools and above.	59,117	-
Living Subsidy for Children in Low-Income Families	NT\$2,695 per person per month for children under age 15 in low-income families.	94,835	254,741,141
Student Living Subsidy for Children in Low-Income Families and Studying in Senior High School and Above	For students in senior high school and above, aged under 25 and in Categories II to IV, NT\$6,115 was granted per person per month.	69,997	427,755,836
Emergency Relief	NT\$2,000 - NT\$20,000	3,279	21,760,000
Disaster Relief	NT\$200,000 for each person who died or went missing in a disaster; NT\$100,000 for the severely injured; NT\$20,000 per person for relocation support (up to five people in a household); NT\$15,000 per household for flood, mudslide and house damage support.	517	9,845,000
Medical Subsidy for Financially Disadvantaged Citizens	Full subsidy for low-income households after deducting non-subsidized items; 80% subsidy for medical expenses above NT\$30,000 for mid to low income households after deducting non-subsidized items.	261	8,206,910
Hospitalization and Nursing Subsidy for Financially Disadvantaged	For low-income households: a maximum of NT\$1,200 per person per day, and NT\$150,000 per person per annum. For mid to low-income households, people	1,250	14,518,048

Items	Subsidy Standards	Recipients (or number of times service is provided)	Amount (NT\$)
Citizens with Severe Injury or Illness	receiving the Living Allowance for Mid to Low-Income Seniors, and people receiving the Living Allowance for the Disabled who spend over NT\$30,000 per month or NT\$50,000 cumulatively over the last three months on nursing services: a maximum of NT\$500 per person per day, and NT\$60,000 per person per annum.		
Living Subsidy for Mid to Low Income Seniors	For people whose individual average monthly income in the household was below 1.5 times the minimum subsistence level, a subsidy of NT\$7,463 was granted per person per month. For those reaching 1.5 times of the minimum subsistence level but below 1.5 times of the average consumption expenditure per person per month in Taiwan, a subsidy of NT\$3,731 was granted per person per month.	417,030	2,789,091,319
Living Subsidy for the Disabled	For low-income households: A subsidy of NT\$8,499 per person per month for the moderate level and above; NT\$4,872 per person per month for the mild level. For mid to low income households and people whose individual average monthly income in the household was below 1.5 times of the average consumption expenditure per person per month in Taiwan: A subsidy of NT\$4,872 per person per month for the moderate level and above; NT\$3,628 per person per month for the mild level.	570,927	2,907,412,518

Source: Social Affairs Bureau of Kaohsiung City Government As of the end of December 2019

Social Welfare

1. Child and Youth Welfare

The number of children and adolescents in the City reached 406,432, accounting for 14.65% of the City's total population. Various service measures are as follows:

(1) Child care and babysitting service:

A. As of December 2019, guidance for infant care centers was provided to 77 institutions, with 2,964 infants aged under two put under their care.

- B. The City's Social Affairs Bureau, Public Works Bureau, Fire Bureau, and Department of Health coordinated to carry out public safety inspections. A total of 140 inspections on infant care centers were made in 2019.
- C. To better safeguard the rights of children at infant care centers, group insurance for young children was subsidized for 4,205 people totaling NT\$1,628,891 in 2019.
- D. As of December 2019, seventeen public infant care centers were set up in the following districts: Sanmin (two locations),

Fengshan (two locations), Zuoying, Qianzhen, Renwu, Daliao, Xiaogang, Xinxing, Gangshan, Gushan, Linyuan, Qianjin, Luzhu, Qishan and Nanzi, with a capacity to provide care for 770 infants. These centers provide infant care and life care services for infants aged 0-2.

- E. Public child care home: The community public child care home adopts a modern care model with four professional child care workers providing care for twelve infants aged under two. By 2019, four community public child care homes were launched in Dashu, Lingya, Ziguan and Niaosong districts, with 48 infants under care, providing a more diversified child care service.



Playing with toddlers -- Niaosong Public child care home

- F. As of December 2019, 20 child care resource centers were set up in the following districts: Qianzhen (three locations), Sanmin (two locations), Fengshan, Zuoying (two locations), Renwu, Daliao, Xiaogang, Gangshan, Linyuan, Qianjin, Luzhu, Qishan, Mituo, Nanzi, Dashu and Meinong, providing playrooms, childcare counseling and parental education. A total of 654,003 people received services in 2019.
- G. Babysitting resource vehicles were set up, including “Greenman No. 1” for nine areas in Qishan and “Strawberry Sister No. 1” for eleven areas in Gangshan, providing touring services at fixed times and locations or by appointment. A total of

19,385 people received services in 2019.

- (2) Home-based child care service and management system:
- A. Home-based child care providers must register at the City’s Child Care Service Center in six districts before they are allowed to provide care. By the end of December 2019, 2,920 providers completed registration; the number of children under care was 4,444.
- B. Implementing expense subsidies for public and semi-public child care services with infants aged under two (children aged under two sent to home-based child care centers and babysitting centers): Based on the family financial situation, a subsidy of NT\$3,000~10,000 was given per child per month; an additional NT\$1,000 was given from the third child onward per month. By the end of December 2019, 6,492 people received subsidies of NT\$242,423,831 in total.
- C. Child care service for families with night work: A total of 322 people were subsidized with a total of NT\$586,000 in 2019.
- D. 282 sessions of promotion events for home-based child care service and parental education events were held in 2019, with 11,613 participants.
- E. Child caregiver (babysitter) professional training courses were organized with a total of 33 classes in 2019; 1,245 people completed the training.
- F. Launching “Fixed-Location Hourly Child Care Service”: To meet the parents’ temporary child care needs, a temporary child care service for children aged six months to six years old was launched in Fengshan District in March 2018; the second fixed-location hourly child care service station was set up in Sanmin District on August 15, 2019, which added

holiday temporary child care service as well. In 2019, a total of 599 temporary child care service appointments were accommodated.

G. In line with the central government's promotion of semi-public child care service for children under two years old since August 1, 2018, for families that leave toddlers under care of babysitters or child care centers contracted by the Social Affairs Bureau, the City government offered a child care expense allowance of NT\$6,000~10,000 per month to relieve the parents' burden. In 2019, the City has contracted with 45 semi-public child care centers, caring for 1,135 children; and 2,509 semi-public home-based child caregivers, caring for 2,557 children.

(3) Living and medical subsidies for disadvantaged children and youths:

A. Medical subsidy: In 2019, 103 people were subsidized for a total of NT\$1,464,059.

B. Emergency assistance for livelihood: To help relieve financial pressure on disadvantaged families that suffer unexpected incidents or are unable to function properly, a six-month subsidy of NT\$3,000 per person per month was provided to children aged eighteen and below. The subsidies were granted to 1,021 people in 2019, which amounted to NT\$16,578,355.

C. To enhance the support for disadvantaged single-parent families, the following subsidies were provided in 2019:

- Children's living subsidy: 16,967 people, totaling NT\$381,275,068.

- Children's college education subsidy: five people, totaling NT\$37,500.

(4) Administrative sanctions for the violation of the "Protection of Children and Youths Welfare and Rights Act": In 2019, the administrative sanctions included fines totaling NT\$1,062,000 in 38 cases and

mandatory parental education totaling 1,503 hours in 155 cases.

(5) 1,603 cases of "Child and Youth Custody Visitations and Investigation" and 202 cases of "Child and Youth Adoption Visitations and Investigation" were undertaken, as assigned by the court.

(6) The "Kaohsiung City Child and Youth Adoption Resource Center" was established, setting up a counseling hotline at 3497885 to provide legal and correct adoption information to members of the public who were in need. A total of 74,156 services were provided to people in 2019.

(7) Early intervention for children with developmental delays: In 2019, 2,340 newly reported cases were processed and services were continuously provided for 3,156 people, 34,683 times in total, as of December. There are a total of fourteen early intervention service stations in the City, providing services that include day care, time-based intervention, home visiting service, development screening, study and training, and parental lectures. Services were provided to a total of 52,278 recipients in 2019.

(8) Producing child development height meters and distributing them to child care resource centers and early intervention centers (stations) for parents to collect. In addition, the e-version was placed on the City's "FUN Child Care Resource" portal for citizens to download, examining the development of children at various ages via the height meters to discover cases for early intervention sooner.

(9) Community care services for children and adolescents from disadvantaged families:

A. 24 community care service centers for children and adolescents from disadvantaged families were set up, providing care visits, after-school care, parent-child activities and parental lectures. In 2019, services

were provided to 1,113 people, for 181,269 times in total.

- B. Combining private resources to set up 36 community care locations for children and adolescents, to provide after-school care and parent-child activities. In 2019, services were provided to 540 people, for 129,600 times in total.
- (10) Child care subsidies
- A. Childbirth subsidy: A subsidy of NT\$10,000 each was provided for the first child, NT\$20,000 for the second child and NT\$30,000 from the third (included) onwards. In 2019, subsidies were granted to 18,484 people, totaling NT\$305,342,000.
 - B. For the third child onwards, a subsidy was provided for national health insurance deductibles before the child reaches one year old. In 2019, 1,204 people were granted the subsidy, totaling NT\$7,507,272.
 - C. Giving out the Kaohsiung Baby Child Care Pack to parents when they register their babies to the household records. The pack contains a child care subsidy leaflet, free vouchers for zoo visits, child care gifts, etc. A total of 19,351 packs were given away in 2019.
 - D. Implementing child care subsidies for nursing children aged under two: An amount of NT\$2,500 to NT\$5,000 per child per month was given depending on the family's financial situation. An additional NT\$1,000 was given per month for the third child onwards. In 2019, 50,154 people were granted the subsidy, totaling NT\$1,002,432,232.
- (11) To establish friendly judicial environments for children and youths and help them make statements in court, a social affairs service station was established in Taiwan Kaohsiung Juvenile and Family Court, providing pre-trial preparation, court companion and consultation services. In 2019, it provided

services 3,255 times in total. In addition, subsidies were provided to civic groups for the establishment of "Parental Consultation Stations", providing companionship to minor children to parent-child meetings in domestic cases, parental education courses, and parental consultations. Services were provided 2,227 times in 2019.

- (12) Promotion of youth counseling and recreational services
- A. An exploration and experience-focused academy was launched to provide the City's adolescents and children in high-risk and underprivileged households a venue to train their independence and for them to engage in exploration and experiential activities. Services were given a total of 4,267 times in 2019.
 - B. Implementing the Fulfilling Dreams With Creativity and Public Welfare Actions project to encourage innovation and ideas and the participation in public affairs. In 2019, 101 adolescents were granted a total subsidies of NT\$310,000 to fulfill their dreams, organizing 39 performance camps and courses.
 - C. The Nan Sheh Youth Group Carnival was organized to display the vitality and creativity of youth groups, encouraging and promoting adolescent involvement in group activities. The event has attracted a total of 5,433 participants.
- (13) To empower youth representatives, reinforce the young people's ability in identifying child and youth problems and matters of public concern to formulate proposals, and provide them knowledge and capacity for making advice, the City has organized 21 training courses and meetings, and attended the Association Promoting the Advancement of Child and Youth Welfare and Rights Protection, thereby giving the children of Kaohsiung City a voice.



Exchange Camp for City/County Child and Youth Representatives' Agendas

- (14)Foster care for children and youths: To provide temporary shelters for children whose families were stricken by sudden incidents and for those who were abused, neglected or abandoned, the City commissioned sheltering for 332 children in 213 foster families in 2019.
- (15)Commissioning of shelter service provided by residential placement institutions for children and youths: Assistance was provided to shelter and care for poor and helpless children under the age of eighteen in the City. A total of 4,533 services were provided to 524 people.
- (16)Promotion of child and youth protection work: 24-hour counseling, emergency rescue, emergency shelter and crisis management services were provided via the 113 Protection Hotline. In 2019, 5,576 reported cases were accepted, of which 1,124 were classified as protection cases.
- (17)According to the Executive Yuan's "Strengthening Social Safety Net Program" to reinforce child and youth protection services and to integrate high-risk family services for children and adolescents, services were provided to vulnerable families from January 1, 2019. In 2019, 3,793 cases were reported; among them 2,075 cases were accepted for opening files for further actions, serving 35,520 people.
- (18)Administering preventive and counseling services for substance abuse in children and adolescents, providing care and guidance to children and adolescents who are not in school and who have used Class 3 and Class 4 narcotics. Services were provided 2,022 times to 79 children and adolescents in 2019.
- (19)Establishing a care mechanism for special families with pre-school children aged six and below. A total of 208 children were visited in 2019.
- (20)Implementation of tasks related to breaches of the "Child and Youth Sexual Exploitation Prevention Act": In 2019, 121 people were accompanied during interrogation, and 103 clients received follow-up counseling after returning home. Injunctions to receive counseling education were issued by courts against 58 offenders.
- (21)Students aged 16 to 25 from low and lower-middle income households in the City were assisted to become youth attendants. By the end of December, 60 people were appointed to serve at the Social Affairs Bureau and its affiliated agencies and district offices.
- (22)Meal Plan for Children and Youth from Disadvantaged Families: meal vouchers were given during the summer and winter vacations, to be exchanged for food at the contracted vendors' business outlets in the City; 2,623 people benefited from this plan in 2019.



Adolescents redeeming food with coupons in a convenience store

(23) To consolidate services related to teenage pregnancy, the PEARL Project was initiated on June 3, 2019. PEARL shelters were set up at 16 social welfare centers in the City to provide customized services for teenage pregnancy cases, serving 320 people a total of 5,557 times.



PEARL Shelter providing services for teenage pregnancy cases

(24) Applying for the “Construction Plan for Community Daycare Infants Under the Age of Two” under the “Construction Plan for Low Birth Rate-Friendly Parenting Spaces” of the “Forward-Looking Infrastructure Development Project”. A total of 35 cases were approved in 2019, for a collective subsidization of NT\$69,540,000.

2. Women’s Welfare

The City’s female population amounts to 1,403,348, making up 50.6% of the total population of the City. Various service measures are as follows:

(1) General welfare for women

- A. Founding of the Kaohsiung Association for the Promotion of Women’s Right: Two panel meetings and three committee meetings were convened in 2019.
- B. Promotion of gender mainstreaming: Eight gender mainstreaming trainings were convened in 2019, attracting 207 participants.

C. The “Pregnant Mother Resource Center and Postpartum Home Visit Service Matching Platform” was set up in two locations, matching postpartum home visit services 1,023 times. Care and parental courses for women from pregnancy until the postpartum period were provided 3,242 times in 2019.

D. Promotion of the “Friendly City Plan for Pregnant Women”: In 2019, 202 breastfeeding rooms were installed, 23 mother-infant friendly hospitals were certified, 40 maternity-friendly stores were recruited, and 1,540 accessible automobile and motorcycle parking slots were designated, creating a friendly environment for pregnant women.

E. Launching the Women, Children, and Youth Activity Center and Women’s Center: Various facilities and consultation services were provided, benefiting people 372,371 times.

F. The 2019 Women’s Day series activities adopted “Women’s Power in Rural Areas” as their theme, emphasizing the concern about the difficulties and possibilities of rural development, and encouraging women in rural areas to use their influences for their development. A total of seven theme films were shown, attracting 1,216 participants. Over 30,000 visits were recorded on the event’s Facebook page, displaying the participation and concern of women’s issues.

G. Organizing the “Love You Forever -- 2019 Kaohsiung City Mother’s Day Powerful Mom Celebration” event, and selecting 50 Powerful Moms in seven major categories including “Perseverance Moms.” The event attracted 933 citizens to participate and its Facebook page generated 123,207 visits.



Mother's Day event – mayor presenting Powerful Mom awards

H. In response to the International Day of the Girl Child (IDGC) and the Taiwan Girls' Day on October 11, the “2019 IDGC in Kaohsiung” event was organized. Five girls transformed the well-known animated characters from the 1960s to post-2000 into “Magical Girl”; an exhibition was held with the theme of “Living Your Own Girly Self”, fulfilling the dreams of the exhibitors and speaking out for women. The event has attracted 619 participants. In addition, a short promotional video was shot and placed on the Facebook fan page and the Social Affairs Bureau official website, attracting more than 12,000 views.

I. Empowering gender awareness: Civic groups were commissioned to organize community training programs for gender equality promotion seeds. A total of 32 events were organized in 2019, attracting 660 participants.

(2) Services for single-parent families and families in hardship

A. Single-parent family service centers were set up in five locations, providing telephone outreach, home visits, on-site consultation, guidance services, parental training or parent-child activities, schoolwork tutoring, and supportive services in 16,097 occasions in total. In addition, promotional

campaigns were organized, attracting 2,286 participants.

B. To assist families in hardship to overcome livelihood difficulties, subsidized measures are as follows:

- Children's living allowance: 618 people, totaling NT\$13,377,008.
- Children's nursery allowance: 23 people, totaling NT\$130,173.
- Emergency livelihood support: 316 people, totaling NT\$6,668,381.
- Proof of tuition and miscellaneous fees exemption: 639 people.

(3) Services for new immigrant families

A. Setting up new immigrant family service centers in five locations and community service stations in 22 locations, providing counseling services, care and visitation, and group activities. A total of 57,209 people were served in 2019.

B. The “Relief Project for Families with New Immigrants in Hardship Before Residency Registration” provided subsidies to 199 people in 2019, with a total amount of NT\$760,341. The “Social Assistance Program for New Immigrants Before Residency Registration” was implemented to subsidize three people with a total of NT\$69,607 in 2019.

C. The “New Immigrant Project Office” was set up, with a single counter to provide multiple language counseling services. In 2019, a total of 132 people received counseling and 33 were referred; one volunteer training session was organized; one interpreter recruitment and one on-the-job training session were held respectively to train a total of 105 people, clients were matched for interpretation services in 13 cases. In addition, the “Kaohsiung City New Immigrant Multiple Talents Database” was established,

providing a platform for talent matching services to new immigrants in the City.

- D. Implementing the “Neighborhood Hand in Hand with Zero Distance” campaign, using multiple channels to deliver welfare and living information for new immigrant families. 21 sessions were organized in 2019, with 4,730 participants.
- E. Cultivating talents in new immigrant groups and touring communities to exchange experiences. In 2019, six groups participated in ten community exchange events, benefiting 860 people. In addition, workshops were organized to review the promotion status of new immigrant services. In 2019, two sessions were held, with 65 participants.



New immigrant workshop for home workers

- (4) The “Domestic Violence and Sexual Assault Prevention Center, Bureau of Social Affairs of Kaohsiung City Government” was set up to provide 24-hour services including emergency shelter, living care and crisis intervention. In 2019, 17,329 reported domestic violence cases, 1,123 reported sexual assault cases, and 1,216 reported sexual harassment cases were accepted; it was also commissioned to implement the “Scheme of Case Management and Service Supervision for Sexual Harassment Victims”, providing services 1,799 times.

3. Senior Citizens' Welfare

Senior citizens of the City amount to 438,652, accounting for 15.81% of the City's total population. Various service measures are as follows:

- (1) Placement and fostering
 - A. Elderly care, nursing and dementia care services: As of December 2019, Ren-Ai Senior Citizens' Home had taken in 64 government-funded and 117 self-funded senior citizens. Since 2001, it has been transformed into an institution equally focusing on elderly care and nursing services by providing nursing beds. 86 seniors had been admitted as of December 2019. Dementia care started in 2008; fourteen seniors were under care as of December 2019.
 - B. Elderly apartments: 161 seniors have moved in as of December 2019.
 - C. “Supportive residences – home for the elderly and community care service support center” was set up at Cuihua Public House in Zuoying District; eleven seniors moved in as of December 2019.
- (2) Senior citizens aged 65 and above who have registered their residency in the City for at least a year are subsidized for the deductible of their national health insurance premium; subsidies were provided a total of 3,252,982 times in 2019.
- (3) Special care allowances for mid- to low-income seniors: A monthly care allowance of NT\$5,000 is given to households with members unable to work due to the need to care for senior citizens with severe disabilities. Allowances were given a total of 2,642 recipients in 2019.
- (4) Long-term care service
 - A. Home services: 115 service agencies were commissioned to provide daily life assistance and health care; services were

given to 12,160 people as of December 2019. In addition, for physically disabled seniors that received home care workers' assistance in going upstairs and downstairs with the use of electric stair lifts, services were delivered a total of 3,220 times. "At-Home Bathing Service Vehicles for Disabled Seniors" were used to provide home-visit bathing services in 1,310 occasions in 2019.

- B. Implementing the improvement of obstacle-free environments for disabled seniors and adaptive equipment support; subsidies were granted 10,822 times in 2019.
- C. Forty-two daytime care centers were set up; among them, seven provided small-scale, multifunctional services. In 2019, admissions and services were provided 190,922 times. In addition, twelve family daycare centers and 33 daycare centers for senior citizens were established.
- D. Nutritional meal service for the elderly: The service was provided by 68 agencies including the Social Affairs Bureau Senior Citizens' Service Center, district offices and civic groups. A total of 428,937 diners were served in 2019; congregate meal events were also organized in a total of 270 places, with 9,036 senior citizens



Community Caring Center – congregate meal service

- E. The Rehabilitation Bus and contracted taxi shuttle service was provided to meet the transportation needs of senior citizens with moderate and severe disabilities in need of medical and rehabilitation services. In 2019, 238,201 rides were arranged, serving 22,269 people.
- F. To coordinate with central government policies for promoting the "Overall Community Care Service System," the Social Affairs Bureau and the Department of Health inventoried the long-term care service capacities of each district. As of the end of December 2019, 52 community-integrated service centers, 193 type-C long-term care stations and 897 type-B long-term care units were deployed, providing the citizens with integrated and handy care services.
- G. In response to the institutional care needs of senior citizens with disabilities in medium- and low-income households in the City and alleviating the burden of care for families, Institutional Care Subsidization for Seniors with Disabilities was implemented. A total of 10,175 subsidies were granted in 2019.
- H. To promote the City's Long-Term Care 2.0 policy, a dedicated long-term care 2.0 portal was designated on the Social Affairs Bureau website. In addition, promotional events were organized for the general public, social welfare groups, patrol team members, and students. 41 sessions were held in 2019, with 2,451 participants.
- I. Kaohsiung City Health Promotion 2.0: Occupational therapists and physiotherapists were brought to care stations to introduce health promotion services. In 2019, they reached out to 20 stations to assess the needs of the elders, design activity

- teaching plans and offered 25 courses, providing services to 19,810 participants.
- J. Applying for the Ministry of Health and Welfare's (MOHW) subsidy under the "Construction Plan for Long-term Care and Welfare Stations" under subcategory "Public Service Station Preparation" of category "Urban-Rural Infrastructure" in the "Foward-Looking Infrastructure Development Program". A total of five cases were approved in Phase 2 (2019-2020), for a collective subsidization of NT\$53,220,000.
- K. Applying for the MOHW's subsidy under the "Reinforcement and Reconstruction of Unsafe Public Buildings" under subcategory "Public Service Station Preparation" of category "Urban-Rural Infrastructure" in the "Foward-Looking Infrastructure Development Program". Four cases were approved in 2019, with a collective subsidization of NT\$31,294,775. Seven cases were approved in 2020, subsidizing NT\$40,456,156.
- (5) Care services for seniors living alone:
- A. With coordinated efforts from 52 civic groups and 101 community care stations and district offices, telephone greetings and home visit services were provided to seniors who live alone 1,042,924 times in 2019.
- B. Assisting mid- to low-income senior citizens who live alone to install the emergency rescue and reporting system, providing 24-hour connection services 2,763 times in 2019.
- (6) The Senior Citizen Services Center and sixteen social welfare centers administered senior citizen protection tasks. In 2019, 712 reported cases were accepted; among them, files were opened for 475 cases; services were provided 15,508 times.
- (7) Care for seniors with dementia: 627 specially made peace-of-mind bracelets that bear the names and contact information of seniors with dementia were provided in 2019. "The Dementia Consulting Hotline – 3318597" was set up, providing services to 794 users in 2019.
- (8) Social participation:
- A. There are 59 senior citizen activity centers or stations in the City. Among them, 11 have been transformed into "senior citizen welfare service centers." In addition, guidance was provided to set up 5 regional senior citizen centers.
- B. The Southern Area Agricultural Garden for Senior Citizens was designated in Qianzhen District, for the use of 60 seniors.
- C. Using the senior citizen workforce: Senior citizens aged 55 and above with special skills, who resides in Kaohsiung City and are willing to provide voluntary services, could contribute their expertise through teaching and passing down skills voluntarily. In 2019, 330 volunteers and 234 pass-on ambassadors were recruited. Schools, communities, and welfare groups coordinated with pass-on ambassadors for teaching service to pass on the seniors' knowledge and skills. A total of 72 classes were offered, benefiting 15,779 people.
- D. Free public bus and ferry rides and a 50% discount on MRT fares are given to senior citizens aged 65 and above, with household registration in the City and registered discount passes (senior citizen passes). A total of 143,989,805 service recipients were served in 2019.
- E. Pleasure coach for the elderly: The pleasure coach was created to take senior citizens to tour around the City's municipal or tourist scenic spots; 118 tours

were administered in 2019, serving 4,386 people.

F. The “Senior Citizen Early Craftsmanship Booth” was installed on the first floor of the Senior Citizen Service Center to display traditional handicrafts and provide traditional skill demonstration and heritage education services, attracting 10,350 visitors in 2019.

G. 320 community care stations were set up to provide services such as care visits, greetings and counseling, meal delivery, and recreational and leisure activities to the elders. Services were provided 2,691,443 times.

H. “Delicacies Sans Frontieres – A ‘Delicacy Record’ at Community Care Stations” was published in November 2019, promoting the achievement of meal services in community care stations and the healthy diet concept for senior citizens.

I. Implementing mobile touring of recreational and leisure services for the elderly: A mobile van was hired to tour around all districts at fixed times and locations, providing recreational, leisure and health consultation services. Services were provided to 167,613 users in 2,159 tours in 2019.

(9) Distribution of respect bonuses for the elderly for the Double Ninth Festival: 350,779 senior citizens aged 65 and above in the City (including aborigines aged 60 and above) were benefited; celebratory events to respect the elderly on the Double Ninth Festival were also organized by the Social Affairs Bureau, all departments and public offices, with 223 events attracting a total of 630,012 participants.

(10) Setting up Cross Generation Centers to

integrate the old and young: Home care service resources were provided; elderly care and child care service stations were jointly or adjacently set up, so that the elderly and children can get along in harmony, promoting inheritance and sharing. In 2019, fifteen Cross Generation Centers were deployed to provide cross-generation inclusive services.



Cross Generation Center – the old and young celebrating together

4. Disability Welfare

The disabled population of the City amounts to 143,508, accounting for 5.17% of the City’s total population. Various service measures are as follows:

- (1) Subsidies for daytime and accommodation care expenses: Disabled citizens in need of placement were settled in disability welfare institutions, nursing homes and senior citizen nursing centers in the City. In 2019, 5,188 people were taken in and subsidized according to the financial status of their families and the type of disability.
- (2) Subsidies for purchasing assistive devices for disabled citizens were granted to 8,914 cases in 2019, totaling NT\$89,779,005. Also, an assistive device resource center was set up to provide rental, maintenance and inspection services.
- (3) Life reconstruction services were provided through farming and gardening programs as well as tea and snack workshops to enhance the self-care and working ability of the

- mentally disabled. Services were provided 2,100 times to 33 people in 2019.
- (4) The Social Affairs Bureau's Home for the Disabled is the first public institution in the City that provides education, day care and comprehensive welfare service functions for the disabled; 108 people with severe mental disabilities or higher received living care and accommodation care. In addition, day care services were provided for 27 mentally disabled children; 17 people were taken in the Daytime Community Workshop for Autism, 25 people at the Daytime Service Center.
 - (5) Guidance for welfare institutions for the disabled to organize all-day/daytime care and nursing services: Besides the Home for the Disabled, the City has 22 institutions capable of providing care and nursing services for 1,112 people.
 - (6) Transition of reporting and case management services for people with disabilities: The City's Education Bureau, Labor Affairs Bureau and Department of Health are invited to attend a joint meeting quarterly and to establish a reporting system. Services were provided to 1,812 people a total of 24,893 times in 2019.
 - (7) Insurance subsidies for the physically and mentally disabled:
 - A. Extremely and severely disabled citizens were fully subsidized, moderately disabled citizens were subsidized for 50%, and mildly disabled citizens were subsidized for 25% by the central government for their National Health Insurance (NHI) deductibles. In 2019, 543,895 people were subsidized for a total of NT\$94,641,644. Mildly and moderately disabled citizens paying an individual income tax of 5% or lower and who had registered their residency for at least one year in the City, or those over the age of 65 paying a comprehensive tax of 12% or lower, were subsidized a maximum of NT\$749 by the City for their NHI deductibles. In 2019, 621,658 people were subsidized a total of NT\$255,624,783.
 - B. For disabled citizens without health insurance subsidies from the City, if they have minor children aged 3 to 18 or children aged 18 to 24 who are continuing to study in day school systems, health insurance subsidies are granted. In 2019, subsidies were granted to 4,176 people, totaling NT\$3,079,507.
 - C. Subsidies for deductibles of benefits-in-cash social insurance: Full amounts were subsidized for the extremely and severely disabled, 50% for the moderately disabled, and 25% for the mildly disabled. In 2019, 690,577 people were granted subsidies totaling NT\$223,041,445.
 - (8) Temporary and short-term care services for the disabled: Private agencies were commissioned to organize fixed-location or home-visiting services. In 2019, services were provided 5,130 times with subsidies totaling NT\$5,866,143.
 - (9) Home services for the disabled: Private agencies were commissioned to provide housekeeping and body care services. In 2019, services were provided 688,194 times with subsidies totaling NT\$412,991,843.
 - (10) Transportation discounts: Physically disabled citizens can apply for the Disabled Pass and the Disabled Companion Pass, which entitles the bearer to 100 free rides on city buses, ferries and privately-operated buses in urban areas, and a 50% discount on MRT fares. Subsidies were provided 3,952,597 times, totaling NT\$40,388,278.
 - (11) Disabled parking permits in designated parking spaces: Disabled parking permits were issued to allow the parking of vehicles either driven by disabled citizens or their accompanying family members; 20,744

permits were issued in 2019.

- (12) Subsidies for house rentals and mortgage interest for the disabled were granted to 258 tenants and 35 house purchasers in 2019.
- (13) Necessary services were provided to hearing and speech impaired citizens of the City who participated in public affairs, with sign language interpretation services provided 1,082 times, sign language teleconference consultation services 928 times, and simultaneous transcribing services 678 times in 2019.



Sign language visual consultation service

- (14) Assistance services were provided for people with moderate visual impairment or higher and aged eighteen and above. In 2019, services were provided 7,560 times, totaling 16,800 hours. In addition, taxi fares for outdoor activities are subsidized 4 times every month. Totally 4,560 rides were subsidized.
- (15) Private resources were integrated to set up six day care stations, providing disabled people aged fifteen and above with day care and occupational, craftsmanship, and gardening training services.
- (16) Guidance for private organizations to provide diversified services:
- A. Five “LOHAS Supply Station” was established to encourage the disabled to enrich their community life and participate in activities, serving 161 people.



Community Resource Center for the Disabled – painting class for people with physical disabilities

- B. Eleven community residential homes were set up, providing accommodation service for 64 people with disabilities and enhancing their independent living ability.
- C. Community operating facilities were installed at 32 locations, providing skill learning courses for 592 disabled people and offering supportive services such as pre-employment attitude development and adaptive skill training.
- D. Seven family care stations were established, serving a total of thirteen people. Care was provided to disabled people in the family care providers’ homes, including body, living and safety care.
- (17) Supportive services for independent living: Service plans were jointly formulated by social workers, peer support workers, personal assistants, and disabled people; personal assistants helped with activity participation. A total of 43 people were served for a collective length of 16,236 hours in 2019.
- (18) Allowances for care providers to the disabled: To relieve the financial pressure of family members who take care of the disabled, a monthly care allowance of NT\$3,000 was granted to a total of 4,838 recipients in 2019, totaling NT\$14,574,000.
- (19) Subsidies for assistive device power usage by people with disabilities: A total of 337 people were subsidized in 2019.

- (20) Promoting and guiding disability-friendly stores in Kaohsiung City: Stores are encouraged and guided to install obstacle-free facilities and provide friendly services, thereby improving social participation and quality of life of disabled citizens. In 2019, with 38 new stores added, a total of 215 stores passed the friendly store accreditation.
- (21) Organizing a series of events for the International Day of Persons with Disabilities, including a press conference and eleven celebration activities, attracting 13,533 participants.
- (22) To help disability welfare institutions, groups, and shelters market self-made products and to raise public awareness of the efforts of disabled people to pursue self-independence, a Mid-Autumn Festival gift sample tasting and promotion press conference was held; total sales in 2019 reached NT\$13,384,335.
- (23) Converting idle spaces of the Gangshan Veterans Home of the Veterans Affairs Commission, Executive Yuan to a service institution for the disabled. The plan is expected to be completed in 2020, which will provide care and placement services to people with moderate disability and higher or those with severe emotional behaviors.
- (24) Implementing integrated services for the support of double-aging families of people with mental disabilities: Assisting double-aging families to utilize care resources, reduce care pressure, and improve the ability of self-independence. 207 families received services in 2019.
- (25) Psychological reconstruction services: People with disabilities were assisted to deal with problems of psychological adaptation, rebuilding their ability to adapt to the environment, and improving personal support and self-care capability. In 2019, services were provided 54 times to eleven people.
- (26) Emotional support services: People with

disabilities were assisted to adjust their emotions and relieve stress. Information related to social welfare or health promotion in the City were forwarded to provide service links and referrals. In 2019, services were provided 125 times to 48 people.

- (27) Support services for disadvantaged families with mental disorders: Families of people with mental disorders were provided with family care visits, emotional support, and support services for independent living. In 2019, services were provided 397 times to 77 people.
- (28) Behavioral counselling services for the disabled with severe emotional problems were launched in May 2019: The inter-disciplinary team model was adopted to enhance interpersonal interaction, communication and expression ability, self-management skills and social participation activity. As of December, services were provided 140 times to twelve people.

5. Other Social Services: Funeral Services

- (1) Currently, a total of 165 public cemeteries are available in the City. A total of 204,960 tomb spaces were initially planned with 27,057 currently available.
- (2) Statistics of funeral services in 2019: A total of 22,147 funeral services (First and second funeral halls include body freezing, make-up, coffin deposit, mourning ritual hall, etc.), 21,344 incineration services (First and second funeral halls include bones re-incineration, remains and ashes grinding, etc.), 64 applications for public cemetery spaces, 12,496 applications for columbarium niches, and 69 applications for burial at sea were recorded.
- (3) Statistics of approved (and reviewed) applications for the establishment of private funeral services in 2019: A total of 29 applications for establishment in Kaohsiung City were approved and another 67 applications were reviewed.

Table 5-2 The Number of Tomb Spaces Available in the Public Cemeteries of Kaohsiung City

Name of Public Cemetery	Quantity	Area(Ha)	Capacity	Available vacancies
Fudingjin Public Cemetery	0	0	0	Cemetery was relocated in August 2017. The site was reconstructed into Shuang-Hu Forest Park.
Shenshueishan Public Cemetery	1	91.82	14,457	3,541
Fongshan District Public Cemetery	1	3.15	1,169	Burial forbidden
Linyuan District Public Cemetery	5	18.13	0	Burial forbidden
Daliao District Public Cemetery	5	15.97	15,899	Burial forbidden
Dashu District Public Cemetery	9	34.92	11,287	Burial forbidden
Renwu District Public Cemetery	1	0.43	42	Burial forbidden
Dashe District Public Cemetery	8	5.85	1,774	Burial forbidden
Niaosong District Public Cemetery	4	15.81	29,465	Burial forbidden
Gangshan District Public Cemetery	10	17.80	5,150	Burial forbidden
Ciaotou District Public Cemetery	6	12.95	3,196	Burial forbidden
Yanchao District Public Cemetery	19	31.79	18,986	1,418
Tianliao District Public Cemetery	4	80.52	2,808	1,072
Alian District Public Cemetery	7	10.13	3,250	156
Lujhu District Public Cemetery	17	20.95	8,703	334
Hunei District Public Cemetery	5	13.97	4,718	1,574
Jiading District Public Cemetery	1	8.31	3,160	2,635
Mituo District Public Cemetery	1	0.94	450	Burial forbidden
Yongan District Public Cemetery	4	12.65	7,973	Burial forbidden
Zihguan District Public Cemetery	3	3.46	1,039	Burial forbidden
Cishan District Public Cemetery	5	40.81	8,868	Burial forbidden
Meinong District Public Cemetery	12	42.38	5,100	669
Liouguei District Public Cemetery	10	34.85	7,182	230
Jiasian District Public Cemetery	5	9.93	5,457	643
Shanlin District Public Cemetery	11	22.69	31,637	11,209
Neimen District Public Cemetery	11	95.12	13,190	3,576
Total	165	645.3	204,960	27,057

Source: Mortuary Services Office, Kaohsiung City

II. Civil Organizations and Religious Activities

Civil Organizations

An increase in civic consciousness has led to the rapid development of civil organizations. As of December 2019, a total of 5,283 civil groups were registered. To counsel these groups on association and financial affairs, the Kaohsiung City Government administrated the “Civil Group Manager Seminars” to reinforce group operating momentum. The city government also

administrated “Group Leader Discussion and Exchange” events to promote intergroup exchanges. A total of 200 leaders from registered business groups, freelancers’ organizations, and social organizations in the City were invited to participate in these events, enhancing social group leaders’ innovative thinking and enthusiastic participation in charitable activities. (Details in Table 5-3)

Table 5-3 Civil organizations in Kaohsiung City in 2019

Type	Group	Amount
Vocational groups	Industrial organizations	2
	Commercial organizations	226
	Educational organizations	27
	Freelancers’ organizations	343
Social groups	Academic and cultural organizations	563
	Medical and sanitary organizations	74
	Religious organizations	264
	Athletic organizations	447
	Social service and charitable organizations	1,512
	International organizations	306
	Economic and business organizations	410
	Environmental protection organizations	77
	Clan associations	81
	Fellow townsmen associations	63
	Alumni associations	116
	Community Development Associations	770
	Others	2
Total		5,283

Source: Social Affairs Bureau of Kaohsiung City Government

December 31, 2019

Religious Activities

A total of 1,476 temples were registered with the government, including 1,115 Taoist temples, 320 Buddhist temples, 25 Yiguandao temples, and 16 Confucian temples. In addition, a total of 88 churches, including 2 Catholic churches, 83 Christian churches, 1 Tenrikyo church, 1 Scientologist church, and 1 mosque, were registered. A total of 9 foundations, including 3 Taoist temples, 3 Buddhist temples, 1 Yiguandao temple, 1 Catholic

church, and 1 Christian church were registered. A total of 3,248 religious sites have not yet registered.

The City Government values religious groups and takes the initiative to understand their needs in a service-oriented and effective manner. The Government periodically holds sessions or seminars to introduce the latest relevant laws and regulations to the attending religious representatives, understand problems and assist in the solutions. Currently, the Government helps unregistered religious groups with

their registration and legalization and endeavors to improve the internal organization of registered groups, aiming to regulate normal religious affairs.

The Government has endeavored to encourage religious groups to organize charity activities, publicly praise the religious groups for excellent performance, periodically organize observation and learning tours, reinforce the communication with religious groups and the clergy, build good communication channels, and review and improve the government's performance in terms of religious

affairs when necessary. At present, the Government is actively promulgating concepts of frugal celebration of festivals and eco-friendly temples, as well as the development of multicultural religious tourism, which combines religious and tourist activities, to highlight history, religion, culture, and folk customs. In so doing, the Government anticipates the comprehensive presentation of local folk customs and culture, allowing local people to understand the history of Kaohsiung, and consequently promote international exchanges.

Table 5-4 Charity Activities Sponsored by Temples in Kaohsiung City (in NTD)

Year	Total Amount
2001	425,829,375
2002	229,988,668
2003	347,892,159
2004	354,927,899
2005	308,833,870
2006	324,828,051
2007	351,336,201
2008	413,978,812
2009	458,593,742
2010	602,454,555
2011	920,830,378
2012	735,872,585
2013	922,017,628
2014	979,050,102
2015	940,376,098
2016	853,727,178
2017	903,906,530
2018	752,044,455
2019	1,238,558,944

Source: Civil Affairs Bureau, Kaohsiung City Government



2018 Award Ceremony for Religious Groups of Excellence in the City of Kaohsiung

III. Community Development and Social Work

Community Development

1. As of December 2019, a total of 770 community development associations were registered in Kaohsiung City, with the highest number of 77 associations in the Fengshan District, followed by 56 associations in the Lingya District.
2. To promote community vision empowerment centers, cultivate community capacity, talent training courses and project operations courses, etc. were held, with 7,468 participants. In addition, the City adopted a public-private partnership mechanism to make use of university resources, promoting youth participation in community work and encouraging young people to return to their hometowns and use their expertise, interest, creativity and enthusiasm to assist in community development and revitalization.
3. To promote community-based welfare, the Bureau provided guidance to eighteen community development associations to organize team empowerment and welfare trial-run preparation plan; a total of ten communities have launched social welfare stations. Ten districts, such as Sanmin District and Yanchao District, were guided to implement the community flagship project, working with 117 local communities to actively promote community development.
4. Coaching the City's outstanding communities to participate in the MOHW Golden Outstanding Community selection in community development work. A total of seven community development associations were awarded as follows: Bronze Outstanding Award – Wenxian Community in Linyuan District; Outstanding Award – Zhongzhuang Community in Daliao District, Datian Community in Jiaxian District;

Excellence Award – Cuiping Community in Nanzi District, Tangchang Community in Qishan District; Grade A Award – Xingang Community in Yong'an District, Yuanfu Community in Qishan District.

5. Guiding and assisting communities to organize social welfare project activities. Subsidies were granted to 396 proposals with a total of NT\$7,836,538, to establish community features and improve resident welfare.

Social Work

1. In line with the Executive Yuan's promotion of the "Strengthening Social Safety Net Program", the City has successively deployed social welfare service centers since July 1, 2018, increasing social worker manpower, integrating child protection and high-risk family services, establishing a centralized dispatch mechanism, implementing family support service programs, and strengthening cross-system resource connection in the government, to build a more comprehensive social safety net.



MOHW Golden Outstanding Community selection – Outstanding Award: Datian Community Development Association, Jiaxian District

2. As of December 2019, the Social Affairs Bureau and affiliated agencies employed a total of 521 social workers to carry out works associated with senior citizens, the disabled, children and youth, women, social relief, as well as the prevention of domestic violence and sexual assault.
3. Social work professional development:
 - (1) To develop social workers' professional competence and improve the service quality of social work, professional workshops were held and on-the-job trainings were provided in cooperation with other social welfare organizations. Five classes were organized in 2019, benefiting 775 people.
 - (2) Promoting the implementation of the Social Worker Act: A total of 870 people were issued licences and in practice by the end of December 2019.
 - (3) To ensure the occupational safety of social workers, the Bureau applied for the social worker occupational safety subsidy offered by the Ministry of Health and Welfare in 2019. A total of 390 people were granted subsidies.
 - (4) To implement the "NPO Intelligence Leap Forward Project", cultivating the capacity in project design and result compilation of the City's non-profit social welfare organizations, two lectures were organized in 2019, with 89 participants.

Voluntary Service

1. Twenty-seven city government authorities were involved in voluntary service; there were 2,163 voluntary service teams, with a total of 108,352 volunteers providing 12,345,398 hours of service in 2019. In the social welfare category, there were 436 voluntary service teams, with 31,027

volunteers providing 4,869,853 hours of service in 2019.

2. A voluntary service resource center was set up to promote voluntary service. Services were provided in 717,676 instances in 2019. Four private organizations were subsidized to hold 23 sessions of educational training, attracting 3,260 participants.
3. 5,802 Voluntary Service Honor Cards were issued; 3,273 volumes of Social Welfare Voluntary Service Logs were compiled; a total of 42 stores were registered as Service Honor Card Discount Store.
4. The 2019 International Volunteer Day series of activities were held under the theme of "A Volunteer in Kaohsiung -- Public Service Fun Experiences". More than thirty events were organized with about 5,000 people participating. In addition, the "18th Golden Light Awards Presentation Ceremony and Volunteer Expo" was held at the Circular Piazza of the Kaohsiung Cultural Center on December 7. Eight awards were given to 39 volunteers, five volunteer families and thirteen volunteer teams, with nearly 3,000 volunteers celebrating together.



International Volunteer Day celebration

IV. Labor Services and Welfare

Labor union group training

1. Fosters the development of labor unions and various labor organizations in the city
 - A. In order to strengthen the functions of labor unions, in addition to reinforcing promotion through various gatherings, labor unions in the city are urged to register on the “Labor Union Management Network Information System” and fill in their basic information, elected staff roster, member status and hold various legally required meetings in order to accurately understand the current state of labor unions.
 - B. Assisted laborers in the city to organize labor unions in accordance with Article 11 of the Labor Union Act. In 2019, two joint organizations, Kaohsiung City Federation of Labor Unions and Kaohsiung Area Labor Union, were established. Two enterprise unions were established, including: Labor Union of Linyuan Advanced Materials Technology Co., Ltd. and Labor Union of Eternal Materials Co., Ltd. Two vocational unions were established, including Vocational Union of Kaohsiung City Tarot Practitioners and Vocational Union for Kaohsiung City Food Delivery Workers. One industrial union, Taiwan Dispute Resolution Industrial Union, was established. A total of 7 labor unions were established and received assistance. One corporate labor union was transferred to Kaohsiung City: Labor Union of Eden Social Welfare Foundation.
2. Organized annual model laborer selection to commend their achievements

In accordance with the “Key Criteria for the 2019 Kaohsiung City Model Laborer Selection and Commendation”, 55 model

laborers were selected in the City.



2019 Kaohsiung City Model Laborer Commendation Ceremony

3. Organized the “2019 Kaohsiung City Model Laborer Appreciation Trip” to northern Vietnam from July 29 to August 2, 2019. A total of 68 model laborers and relatives participated in the trip.



2019 Kaohsiung City Model Laborer Overseas Travel

4. To reinforce labor organization, ensure labor rights, familiarize union officers with the city government’s new policies, and encourage keen participation in the city government’s activities, all labor unions of the city and chairmen of all vocational unions were invited to the “City Government Meeting Union Leaders” seminar. A total of 181 union representatives in the city participated.



"City Government Meeting Union Leaders" seminar

Labor education

1. Labor education guidance

In 2019, budget was granted to subsidize 30 sessions held by labor unions and federations. A further 229 grassroots labor union sessions were subsidized, amounting to a total of 259 sessions with NT\$14,361,513 allocated.

- ### 2. The "2019 Guidance and Briefing for Labor Unions' Organization of Labor Education and Training"
- was held for the city's enterprise, vocational, and industrial labor unions to instruct them on their relevant work concerning labor education and the related laws and regulations, and on the procedures about writing and executing proposals as well as budget approval and reimbursement. A total of 378 people participated. Associate Professor Liang-jung Lin from National Chengchi University was invited to give a special talk on "How are Japanese labor unions organized? – Organization Type, Union Activities, and Collective Bargaining". The talk was well received by the union representatives.



2019 Guidance and Briefing for Labor Unions' Organization of Labor Education and Training

- ### 3. To enhance female workers' rights in the workplace, a "Female Union Officers Seminar"
- was held specially on March 6 (just before the International Women's Day), inviting the Vice Secretary-general Huang Hui-Chen of the Labor Union of China Airlines to talk on the topic "Sisters Stand Up – On Women's Participation in Labor Union Movement" sharing her experience of participating in the 2016 China Airlines Strike. Also, Chairman Huang Tung-Yuan of the Kaohsiung Area Labor Union of Taiwan Sugar Corp. was invited to share the "Practice of Labor Union Management". The seminar was attended by female officers from 121 labor unions.



Female Union Officers Seminar

- ### 4. To give union officers a deeper understanding of issues such as Taiwan's economic and trade cooperation, talent exchanges, and regional connection with the southbound countries, 182 union officers of the city were invited to participate in the Labor Affairs Bureau's 2019 "Union Officers' Knowledge and Skills Seminar".
- Before the seminar, a Dengue Fever Prevention Oath-Taking Ceremony was held in collaboration with the Department of Health, which allied with the labor unions in the city's prevention of Dengue fever epidemic.



2019 Union Officers' Knowledge and Skills Seminar and Dengue Fever Prevention Oath-Taking Ceremony

5. To improve the humanistic care competence and social ethical responsibility of the city's union officers and public agencies' supervisors under the Labor Affairs Bureau, so that they would be capable of perspective taking when providing public services, the "Meet the Mayor: 'Awesome Living' Labor Education Film Screening Event" was held, with 300 labor union representatives of the city attended.



Meet the Mayor: 'Awesome Living' Labor Education Film Screening Event

6. Radio programs
Produced labor education radio program "Labor Board for Teens" in collaboration

with National Education Radio. A total of 52 episodes were broadcast from 8:00 p.m. to 8:30 p.m. every Saturday. In the program, professionals from various fields and industries were invited to share their real stories and useful techniques in the workplace, including expression ability, planning ability and interpersonal skills. In doing so, young audiences could quickly understand workplace environment and nurture their professional skills, and eventually gain substantial control over their lives.



Labor education radio program "Labor Board for Teens"

7. Labor law education

- A. Regarding senior/vocational high school labor law education promotion, 11 schools established labor education related curricula in 2018, which benefited 5,098 students. 53 schools incorporated labor law education into their curricula to teach 80,797 students.

- B. Innovative labor education campus touring lectures were planned, featuring five diverse types of presentations, including labor laws, laborers' stories, voice from the workplace, labor theater, and video screening, so as to raise teenagers' awareness of labor issues with visual and hearing stimulations. 77 lectures of different scale were organized at a total of 39 senior/vocational high schools in 2019, attracting 26,690 teachers and students.



Labor education touring campus lectures

8. Kaohsiung Labor Monthly

The Kaohsiung Labor Monthly was transformed into the “Gong-Dai-Jih” bimonthly in July 2017, and revised again in January 2019 to have half-page cover. Five issues and one special edition were published in 2019. The bimonthly promotes and announces labor policy and laws, related information, and employment cases with colorful and eye-catching poster designs and straightforward in-depth coverage. With 18,000 copies printed per issue, the magazine features vivid and handy coverage that helps promote labor laws and policy outcome and encourages the public to understand their own labor rights. The 2019 year-end edition was published, in which issues related to amendment of labor laws, occupational safety, employment service, vocational training, and outcome of labor affairs-related work..., etc. were covered in depth, allowing the public to further understand the main amendment and labor related studies.

Labor standards inspections

1. Conduct labor inspections

In order to protect labor rights, the Labor Affairs Bureau made a list of key inspection targets in relation to commonly seen offences among business units and industries that incur regular violations. Apart from labor inspections conducted based on the public’s complaints, project-based labor inspections

were arranged in conjunction with the Ministry of Labor and various bureaus and departments of the city government. A total of 4,377 inspections were conducted in 2019.

2. The Labor Affairs Bureau held 51 labor standards promotional events in 2019, with a total of 3,722 attendees. The events were designed to rectify business entities’ concepts regarding compliance with laws and enhance laborers’ knowledge of labor standards through the promotion of labor-related laws and regulations.



Labor standards promotional event

3. Conduct labor pension reserve contribution and auditing.

In 2019, the Labor Affairs Bureau inspected 1,254 businesses in the City that had already opened pension accounts but had made insufficient contributions, and actively provided guidance. A total of 4,238 businesses that had not made monthly contributions were inspected. The Bureau aims to protect laborers’ rights of receiving their pension fund and avoid circumstances in which laborers are being deprived of their proper security when they retire or are laid off.

4. Labor awareness of safety and health and related policy promotion

From 2010 to 2019, 15 “Safety and Health Families” were established for the “aviation and aerospace engineering industry”, “environmental protection and sustainability”, “petrochemical industry”, “Chung Hung”,

“Tension Steel”, “metal industry”, “campuses”, “International Medical Service”, “Taipower occupational safety”, “public construction”, “Anchor Fasteners”, “Tai Shih Fu Enterprise”, “Eternal Materials Co., Ltd.”, “aviation maintenance”, and “ECOVE Environment Corporation (Gangshan)”. These families assisted disadvantaged SMEs in improving occupational safety skills, enhancing workers’ work-related skills and knowledge, and protecting laborers’ personal safety via safety and health subsidies, learning via observation, and knowledge management, etc.



2019 Safety and health family connection check

Labor-capital disputes

1. Processed labor-capital disputes in 2019

Table 5-5 Disputes by method of mediation

(Unit: Case)

Method of mediation	Total disputes in 2019
Mediation by NGO	2,336
Mediator from competent authority	1,099
Mediation Committee	469
Subtotal	3,904

Source: Labor Affairs Bureau

Table 5-6 Disputes by type

(Unit: Case)

Type of dispute	Successful or unsuccessful	Mediation successful	Mediation unsuccessful	Mediation in progress as of February 20, 2020)	Total disputes in 2019	Remarks
		2019	2019	2019		
Pay dispute		1,244	357	3	1,604	Total number of cases includes successful, unsuccessful, withdrawn cases and cases that are under mediation.
Contract dispute		825	279	3	1,107	
Occupational injury dispute		251	94	5	350	
Retirement dispute		156	63	0	219	
Labor insurance dispute		79	23	0	102	
Other disputes		394	127	1	522	
Subtotal		2,949	943	12	3,904	

Source: Labor Affairs Bureau

2. There were 1,326 cases of labor-capital disputes submitted online in 2019, and 280 cases were withdrawn.

Labor Rights Fund

1. Grants were provided for labor union officers or laborers with registered address within the city and whose service was provided in the city, labor unions (or branch) with registered address in the city, and labor union officers or laborers with registered address within the city at the time of application. The Bureau also helped citizens to strive for their own labor rights through the implementation of a rights protection fund, and relieved them from the pressure and fear of income loss during the litigation period.
2. In 2019, 54 out of 65 subsidy applications were accepted and 70 individuals were subsidized with a budget of NT\$2,496,638.

Occupational Safety and Health Inspection

1. Categorization management to reduce incidence of occupational accidents

Categorization management was implemented according to scale of the business units, frequency of disaster occurrences, and severity in order to map out key inspection criteria, and allocate professional human resources to key disaster prevention tasks. In 2019, a total of 20,111 occupational safety and health inspections were carried out. The death toll of major occupational accidents was 38, decreased by one compared with the average (39 deaths) of last three years (2016-2018). The Labor Affairs Bureau will continue to strengthen disaster prevention measures to protect laborers' life and property and ensure their safety.

2. Strengthening field-based guidance service to garner accidents prevention consensus

Highlights of field-based services, for example, newly established companies (factories/work sites) were rendered to 401 times in 2019. To make the voice of industries and laborers heard and garner disaster prevention consensus, the Director-general of Labor Affairs Bureau held 7 seminars with enterprises in various industrial parks in 2019.



Director-general of Labor Affairs Bureau seminar with enterprises in Linyuan Industrial Park

3. Establish safety partnership to protect workers' safety and health

Establish safety partnership with Taiwan Power Company and Dafa Industrial Park Association, respectively to provide disaster prevention resources. Efficiency in disaster prevention was augmented by keeping close connection and jointly promoting occupational safety and health. To prevent occupational accidents and protect workers' safety and health, five forums were held in 2019, including senior executives' forums for Taiwan Power Company associated agencies, construction industry, Port of Kaohsiung loading and unloading operation, Refining Business Division of CPC Corporation, Taiwan, and technology-based disaster prevention forum for petrochemical industry.



Labor Affairs Bureau signing safety partnership agreement with Dafa Industrial Park Association



Senior executive forum for construction industry

4. Safety and health demonstration and promotion to improve businesses' self-management capability

Occupational safety somatosensory demonstration for construction industry and workplace health management demonstration for medical care institutions were held to provide opportunities for supports of disaster prevention technology. Promote safety & health management of business units to implement labor education and promotion for employers and first-line laborers, so as to enhance their work safety and health concept. In 2019, a total of 337 promotion and guidance sessions were conducted under the “428 World Day of Occupational Safety and Health Day” series of activities, in order to create a safe, healthy, and friendly working environment.



Occupational safety somatosensory demonstration for fall prevention in construction industry



“428 Occupational Safety and Health Day” series of activities

Employment service

1. Implement citizen employment programs

- (1) In order to encourage youths with a college education or above to live and work in the city, thereby increasing the employment rate and fostering industry development, the “Guidelines for Kaohsiung City Government Happy Kaohsiung Moving Allowance” has been set forth, under which a NT\$10,000 monthly allowance is given to qualified individuals who have registered residency in the city. The maximum allowance period is 12 months. There were 177 applications submitted in the period from April 17 to July 31, 2019; of them 149 were put under strategic industrial review, and a total of 125 individuals were approved for the allowance.
- (2) Sought assistance for the “NGO Diverse Employment Development” in 2019, where 23 programs were approved to provide 105 job opportunities.

- (3) In 2019, efforts were made to grant approval for 4 empowerment programs to provide 35 job opportunities.
- (4) In 2019, the “Public Sector Summer Job Program for College Students” was implemented, employing 362 part-time workers.

2. Employment rights protection

- (1) In order to encourage businesses to actively implement the Act of Gender Equality in Employment, eliminate gender discrimination and achieve true gender equality in employment, 11 campaign events for “Prevention of Occupational Discrimination and Promotion of Gender Equality” were held, attracting 734 participants.
- (2) In 2019, 34 job seeker complaints were

accepted; they were 16 false advertising complaints, 7 credentials withholding or privacy request complaints, 3 property withholding complaints, and 8 prohibition of remuneration disclosure complaints.

3. Employment advancement service

- (1) To satisfy employers’ talent seeking needs and provide job seekers with diversified options of job openings, 480 talent seeking activities of varying scales were conducted in 2019. A total of 2,912 businesses participated, providing 80,327 job opportunities, with 12,356 persons initially matched, meaning an initial matching rate of 47.31%.
- (2) Status of employment services in Kaohsiung City in 2019, as shown in Table 5-7.

Table 5-7 2019 Status of employment services in Kaohsiung City

Job seeking service			Recruitment service			Ratio of job openings to job seekers
Number of job seekers	Number of effective applicants placed	Employment rate of job seekers	Number of job openings	Number of people hired	Hiring rate	
75,398	40,969	54.34%	152,520	97,304	63.80%	2.02

Source: Labor Affairs Bureau

- (3) “Campus Recruitment” activities were conducted in collaboration with public and private senior vocational schools and colleges in Kaohsiung City. In 2019, a total of 743 businesses were invited to offer 45,494 job opportunities, with 15,448 resumes delivered and 5,777 persons matched, representing a matching rate of 49.89%.
- (4) 22 public and private senior vocational schools and colleges in Kaohsiung City were assisted in organizing campus recruitment fair and on-site or in-class promotional activities, so as to provide students with career planning, job training, employment opportunity, and law consultation services. 133 sessions of

activities were organized in 2019, serving a



On-site service station at Tungfang Design University campus

- (5) Employment promotion activities such as the “Youth Employment Academy”, “Youth Career Planning Camp cum Confidence Enhancement and Growth Organization Program”, “Youth Employment Experience Program”, and “Youth Money-Maker Challenge Camp” were held to help young people clarify their vocational aptitude and make preparation for their capabilities. Also, these activities aimed to establish a correct work view and understanding of the future industrial trends among young people, in order to increase their employment competitiveness and stability.



Youth Career Planning Camp

- (6) Establishing the Taipei drifters homecoming employment service counter/website
- A. To extend the service for Taipei drifters who return to their hometown for employment, a dedicated service counter was set up on September 18, 2019 to provide three-pronged services of employment, recruitment, education and training at one stop, actively accomplishing the important mission of serving “drifters” who return to the hometown for work.



Taipei drifters homecoming employment service counter

- B. To facilitate home comers’ inquiries of all sorts of employment-related resources, a homecoming employment website for Taipei drifters was also created. All of the city government resources relating to employment allowances, house rental subsidies, business startups, childbirth/nursery allowances, long-term care services, farmer subsidies, etc. can be inquired rapidly on the website. In addition, the website is regularly updated with quality middle or senior grade job vacancies. Users may also raise questions online, which will be answered by designated persons, in order to provide citizens with even more comprehensive services.

4. Employment service promotions

- (1) Employment E-papers, covering content such as employment service, job openings, occupational training, anti-fraud job search information, were distributed to various colleges and universities within the City’s jurisdiction. 502 departments have subscribed, and the papers were sent 52 times in 2019.
- (2) To provide citizens with faster and more convenient employment service, the i-Job App was launched. Citizens may utilize services such as online job search via mobile phone and online employment service by designated person, so that efficiency of the employment service can be improved.
- (3) Electronic platforms such as @ktecJOB Facebook fan page and “Online Employment Service” were utilized to announce all types of employment information and recruitment events in order to adopt the trend in which youths use the internet to search employment related information.
- (4) The “Employment Service Vehicle” was used to serve citizens in remote areas and reinforce

the community employment consultation service. In 2019, 135 visits were made by the vehicle, providing counselling service in 3,995 occasions, and 307 applicants were placed.

5. Service plans for specific targets

- (1) Working with correctional institutions, public/private schools or private organizations, employment service plans were devised for specific targets and the disadvantaged communities according to their respective job search needs. In 2019, 93 employment advancement workshops, workplace observation activities, and growth group courses were held, and 2,027 people were served.
- (2) Resident employment matching service desks were established, to provide an employment matching platform for nearby citizens and residents in neighboring communities. 586 people were served at 72 hospital-based locations in 2019, effectively expanding the horizon of service. In addition, support groups for drug addicts were organized, helping drug addicts to find value of life and encourage employment. Four sessions were held, with 137 drug addicts served in a total of 19 activities.
- (3) “Counselling in Prison, Employment out of Prison” counselling program was co-organized with correctional institutions. In-prison promotional events including small-group employment promotion were organized for inmates one to three months before they were discharged. In 2019, 56 events were organized, providing services for 1,751 participants.
- (4) Homeless people with low willingness to work were invited to attend monthly development group activities to boost their willingness to seek a job, receive job counselling and find a job. In 2019, 63 homeless people were served and 30 of them found a job.

- (5) 10,000 copies of a quadrilingual immigrant employment resources booklet were printed in 2019 to be provided to new immigrants through the immigrant groups and various government offices of the city, in order to improve employment services, vocational training resources, allowance and subsidy measures, and understanding of the related laws and regulations; thus they may thoroughly and effectively apply the employment resources for successful employment.

Vocational training

1. Organized orientation training by means of industry-training cooperation with two sessions being held in 2019. In each session, eight types of industry-training classes were offered. 301 trainees graduated in total, and an employment rate of 82% was achieved three months after training.



Plumbing and electrical technician work training class

2. 35 classes were outsourced to external operators to provide service for unemployed people. A total of 977 people participated in the classes and 35 classes were successfully concluded by the end of 2019, achieving an employment rate of 78% within three months.



Completion of special dyeing, weaving, and garment design class, with trainees wearing their own designed vests

3. 37 professional and family caregiver training classes were granted subsidy and organized in 2019. A total of 1,215 people participated in the classes and 37 classes were successfully concluded by the end of 2019, achieving an employment rate of 84% within three months.

Foreign labor management

1. Inspection

21,529 foreign labor routine inspections were conducted in 2019. There were also 106 cases of illegal hiring of foreigners without a work permit or with an expired permit, or hired by another employer.

2. Consultation services and labor-capital dispute complaints

14,088 consultations relating to foreign labor agencies and legal consultations for employers were conducted in 2019. 2,099 foreign labor-capital dispute mediations as well as the verification of 8,058 early termination of blue collar foreign workers were processed.

3 Foreign labor temporary shelter

In order to look after foreign dependent laborers and victims of human trafficking,

emergency shelter services were provided by the Taiwan Labor Rights Association and Catholic Social Welfare Foundation. 3,245 people were sheltered in 2019.

4. Promotion of Employment Services Act

- (1) The National Immigration Agency, Ministry of the Interior has collaborated with the Kaohsiung City Department of Health to promote matters needing attention, health regulations, relevant legal rights, etc. for foreign workers working in Taiwan. Moreover, promotional events for family employers, business employers, foreign workers and private employment service agencies were also conducted. In total, 10 sessions were held, attracting attendance from roughly 697 people.
- (2) Seven sessions of “Informing You of Employment Related Law” promotion activity was held on April 29, May 7, June 3 and 25, July 8, August 19, and November 27 at Kaohsiung Municipal Siaogang Hospital, Kaohsiung Veterans General Hospital, Kaohsiung Chang Gung Memorial Hospital of the C.G.M.F., Kaohsiung Medical University Chung-Ho Memorial Hospital, E-Da Hospital, and Yuan’s General Hospital, respectively, and a total of 350 citizens attended.
- (3) The 2019 “Foreign In-home Caregivers Service Quality Enhancement Program” was held, where professional nurses or experienced caregivers were invited to be lecturers to instruct foreign in-home caregivers on a one-to-one basis via bilingual interpreters how to effectively take care of the daily life of the cases to be cared. The program attracted a total of 450 participants.
- (4) “Employment Related Law Promotion for Foreign Workers” was held. In the period from June 15 to September 30, 2019, 180 banners were hung in Kaohsiung MRT stations and bus advertisements were up on

25 bus routes; radio advertisements were broadcasted through three radio stations including KISS RADIO, UFO Network – Sound of South Taiwan, and Hit FM 90.1; lightbox advertisements were posted in TRA New Zuoying Station and New Kaohsiung Station, and on-train advertisements on TRA commuter EMU in Southern section (Dahu-Jiuqutang). A law promotion video was posted on the YouTube channel “Muyao 4 Super Playing” on October 3, 2019, which attracted a total of 1.3 million views by December 31, 2019.

5. Organize cultural events of different countries

Cultural or religious events for various countries were held to mitigate the foreign laborers’ homesickness. In 2019, nine major events, namely the “Bowling Contest for Foreign Workers”, “Passion and Love of Kaohsiung – Thai Sports and Culture Festival”, “Exotic Cultures and Arts in Kaohsiung–Vietnam Session, Indonesia Session, and Philippines Session”, “Migrant Workers Touring around Formosa Implementation Program”, “Out and About on MRT–One-Day Tour Map”, “International Delicacies Contest”, and “Stay Together for Health Promise” were held, attracting around 8,072 people.



Exotic Cultures and Arts in Kaohsiung – Indonesian Culture Carnival



Exotic Cultures and Arts in Kaohsiung – Vietnamese Culture Event



Out and About on MRT – One-Day Tour Map Activity



Migrant Workers Touring around Formosa Implementation Program

Employment services for persons with disabilities

1. Vocational rehabilitation case management

- (1) In 2019, a total of 505 people received services and the service were provided 954 times.

(2) Individual employment counseling service was offered for persons with disabilities to enhance their employment preparedness and stability. In 2019 individual employment counseling services totaling 117 hours were provided for 14 people, and individualized service and training totaling 274 hours was offered for 37 people.

2. Organize vocational training for persons with disabilities

(1) To instill occupational skills of the disabled, courses were organized and classified into three categories: computer and information category, creative design category, cleaning and car wash category. Various interdisciplinary courses were designed to provide appropriate courses. 12 courses based on nine categories such as “AutoCAD Drawing and 3D Printing Class” and “Art Design and Digital Image Application Class” were organized. A total of 111 people completed the courses and 85 of them were hired with an employment rate of 76.5%. Furthermore, 327 students participated in various Class C certification tests, TQC computer certifications and street artist label certification, etc. In total, 215 people passed the tests, achieving a qualification rate of 65.7%.



Outcome exhibition of vocational training for the physically disabled and recruitment activity

(2) Job training courses for six job categories including “customer service administration

class” and two individual job training plans, namely “kitchen work and farming practice class” and “hospitality and housekeeping application class”, were organized in 2019 for persons with disabilities. A total of 93 students completed the courses and 69 people were hired, attaining an employment rate of 74%.

(3) In 2019, second specialty training courses for six job categories including “modern metallurgical craft and compound media creation class” were organized for persons with disabilities, with a total of 62 students completing the courses, achieving an employment stability rate of 97%.

3. Supportive employment services

Helped persons with disabilities return to society and adapt to the workplace environment and job requirements, thus achieving stable employment. Private organizations’ resources were utilized to provide supportive employment service, successfully recommending 2,102 people for general employment and 462 people for supportive employment.

4. Sheltered employment service and product marketing

(1) There are 9 sheltered workshops in the city, cumulatively providing sheltered employment service for 168 disabled laborers. In addition, scholars and experts are hired to assist in the management of these workshops and protect the work rights of sheltered workers.

(2) Commissioned to organize the “Plan to Promote the Products and Increase the Sales of Sheltered Workshops in Kaohsiung City in 2019” marketing event. A sales turnover of NT\$ 5.54 million was achieved, NT\$ 3.6 million more than the sales in 2018, meaning an increase of 186%. Additionally, the sheltered workshops were subsidized to organize 9 marketing events.

5. Job redesign

In 2019, the city received 89 applications for job redesign from persons with disabilities; in total, subsidies granted amounted to NT\$2,044,616.

6. Organized business startup consultation and assisted self-reliance allowances

- (1) In 2019, self-reliance allowances were granted for entrepreneurial facilities and rent; in total, five allowances were granted, totaling NT\$295,495.
- (2) In 2019, 12 persons with physical disabilities were guided to work in KW2, a favorite destination of young people and sightseeing visitors, for 6 months. To increase the brand's exposure, effort has been put to the R&D of new products and a documentary has been shot for the "Intention Product". A sales turnover of \$1,803,282 was achieved (including art exhibitions, KW2 sales counter, gift set promotion, corporate and public sector's orders), representing an increase of \$945,533 (48%).



Intention Product – status at the KW2 sales counter

7. Employment services for visually impaired people

- (1) As of 2019, there were 279 visually impaired masseurs within the Bureau's jurisdiction. There were a total of 84 massage service locations within the city, including 15 massage centers operated by related organizations and 69 private massage parlors in Kaohsiung City.

- (2) Organized "Fingertip Happiness" visually impaired masseurs marketing activity, by offering the unprecedented lucky draw for any consumption of fingertip massage during the massage parlors' slack season in May to July. Approximately 50,000 citizens participated in the activity, achieving a dazzling sales result of nearly NT\$ 15 million.



"Fingertip Happiness" event kick off press conference

- (3) To expand the visually impaired masseurs' target clients, 7 large enterprises including China Steel, CPC Corporation, Taiwan Power Company, ASE Technology, Eternal Materials, Aerospace Industrial Development Corporation, and Kaohsiung Metro were matched with 37 massage parlors by visually impaired masseurs to sign service contracts, thus developing more than 100,000 potential customers as these corporations' employees.



Joint contract signing ceremony for cooperation between visually impaired masseurs and designated enterprises

8. Employment quota and financial incentives for hiring beyond the quota

In 2019, financial incentives were awarded to 141 firms and 1,000 people for hiring persons with disabilities beyond the employment quota. In total, NT\$ 5 million was awarded and 26 businesses were visited, achieving a visiting rate per quarter of more than 20%.

Labor welfare

1. Consolation payments made to families of

laborers affected by occupational accidents (please refer to Table 5-8).

2. Labor accommodation

In order to provide stable living standards for laborers and assist them with accommodation, 90 and 84 residences were rented at the Fuxin West District Public Housing (Yixin 2nd Rd.) and Cianfeng East District Public Housing (Jiuru 4th Rd.) respectively, totaling 174 residences. In 2019, a total rent revenue of NT\$6,931,645 was received.

Table 5-8 Consolation payments made to families of laborers affected by occupational accidents

Consolation payments made to families of laborers affected by occupational accidents (2019)					
Category	Deaths (300,000)	Disability Categories 1-5 (30,000)	Disability Categories 6-10 (20,000)	Disability Categories 11-15 (10,000)	Total
Number of persons	103	18	51	92	264
Amount (thousand dollars)	1,910	54	101	92	2,157

Source: Labor Affairs Bureau

Labor education, entertainment and recreational activities

(1) Accommodation and Revenue of the Shihjia Guesthouse's basic facilities of the city's Labor Education and Life Center

In 2019, the accommodation division and venue service division offered services to 37,291 users, generating a total income of NT\$4,644,085.

(2) Labor College

In 2019, the Labor Affairs Department offered three courses, which were attended by 122 people. The Labor Academy Department also organized 410 fitness and recreation, language, and living skills related classes; a total of 7,023 participants.



2019 Outcome Exhibition of Labor Academy



Labor Academy curriculum

(3) Youth Creativity, Innovation, and Startup

The 2019 Youth Career Counselling and Startup Incubation program was organized. Since May 2019, Manpower Group was delegated to organize five creativity, innovation and startup classes and five workshops. Ten classes were already organized with 377 students participated. Career counseling was carried out 40 times and assistance was given in the write – up of business proposals. The “Outcome Presentation for New Star Young Entrepreneurs” was held in the auditorium of R7 Creative Hub on November 8, 2019 with 176 people attending. Efforts are continued to be made for the development of youth creativity, innovation and startup in Kaohsiung and career counselling and increasing employment rate.



Outcome Presentation for New Star Young Entrepreneurs



Youth career counseling and startup incubation lecture

(4) Labor culture

The first-ever labor-themed museum was established in Kaohsiung City. It is dedicated to the collection, research, exhibition, and promotion..., etc. of nationwide labor-related cultural relics, images, and historical materials, as well as planning the permanent and special exhibitions around the theme of labor. In 2017, the “Kaohsiung Laborers’ Stories” permanent exhibition was launched, and as of December 2019, 30,247 visitors were served. In April 2019, the “Kaohsiung Shipbuilding Workers – Interaction of the Development of Shipbuilding Industry and Kaohsiung Laborers” permanent exhibition was introduced, which attracted 6,820 visitors as of the end of December 2019. Also, a series of 26 labor museum events were held.



Experience in the shipbuilding course



The 4th anniversary celebration of the Kaohsiung Museum of Labor

V. Sanitation and Health Care

Medical Care System

1. Medical Affairs Administration

- (1) In 2019, there were 60 applications of medical institutions (for opening, closing and change) and 11,957 applications of medical personnel (for practice, closing, business suspension and change of registration.)
- (2) Conducted audit in 3,049 medical institutions in the city.
- (3) Accepted 165 cases of medical disputes, among which 120 cases were referred to Medical Review Committee and 42 were established as real cases.
- (4) Held 5 Kaohsiung Medical Review Committee meetings and discussed 76 medical disputes.

2. Emergency Medical Service

- (1) Improve first aid medical resource and quality in Kaohsiung City
 - A. Organized 9 “2019 Kaohsiung CAudit of First Aid Responsible Hospitals”
 - B. Supervised Cishan Hospital to organize “Award Program for Medical Center or Severe Emergency Responsible Hospital to Support Outlying Islands and Inadequate Medical Support Hospitals on Emergency Service”.
 - C. Continued to promote “2019 Quality Improvement Plan on Acute and Intensive Care Referral” and enhance the referral network of Kaohsiung and Pendong patients.
 - D. Supervised Kaohsiung Cijin Hospital to organize “Improvement Plan for Area with Inadequate Emergency Medical Resources”.
- (2) Ambulance Management
 - A. A survey of 7 private ambulance agencies was conducted and all of them met the requirements.

B. Regular inspections of 500 vehicles, random inspection of 148 vehicles and inspection of 140 institutions.

- (3) Supported 52 emergency events in Kaohsiung City, with 66 doctors, 219 nurses and 42 ambulances.
- (4) Promoted public training on first aid education
 - A. Conducted 409 CPR+AED training sessions with 26,303 participants.
 - B. Conducted 4 AED administrator training programs with 239 participants.
 - C. Cooperated with Chang Gung Hospitals on the program of "Medical Public Welfare Program-Allocating First Aiders in Large Communities" and promoted CPR+AED program to building security personnel with Kaohsiung Fire Department and Security Association and to promote the allocation of first aiders.



The second experts consultant meeting was held in Chang Gung Memorial Hospital on 23, April, 2019.



The participants from several security companies practiced the first aid skills.

3. Municipal Hospital Management

(1) Promoted the Reconstruction of Municipal Hospitals with better performance

A. Established “Joint Medical Center of Municipal Hospitals of Department of Health, Kaohsiung City Government” and held regular meetings to supervise the operation performance and outcome of public health policy implementation of each municipal hospital.

B. Kaohsiung Municipal Kai-Syuan Psychiatric Hospital and Kaohsiung Municipal Min-Sheng Hospital were awarded with “2019 SNQ (Symbol of National Quality) Certification”; Min-Sheng Hospital HERO (Healing, Empowerment, Recovery of Chemsex) was awarder “2019 National Biotechnology Medical Industry Promotion Council (SNQ) Hospital Community Service Group Certification”; Kaohsiung Municipal United Hospital was approved as “Laboratory of Taiwan Accreditation Foundation (TAF)” and certified with “Mother-Child Friendly Medical Institution”; Kaohsiung Municipal Chinese Medical Hospital” was awarded as “2019 Excellent Hospital during Audit”.

C. Implementation of supervision and management of private organizations entrusted by Municipal Siaogang, Datong, Cijin, Gangshan and Feng-Shan Hospital and the payment of royalties hand in to municipal treasury.

D. Strived for subsidy of NTD 5,134,000 from Ministry of Health and Welfare for the disadvantaged group in Kaohsiung; the subsidy was used to support 3,229 people. This program was promoted with many public and private units, including Social Affairs Bureau, Research, Development and Evaluation Commission, 38 district offices, 38 health centers, 66 parliamentary service offices and 85 medical units.

(2) Denture Service

A. Cooperated with Social and Family Administration Ministry of Health and Welfare and to organize “Denture Service for Middle and Low-Income Senior Citizens” with NTD 25 million subsidy.

B. Accepted 3,545 denture screening, examination and data filing of senior citizens in 2019 and subdized 2,751 citizens.

C. Contracted with 290 dentist clinics for “Denture Service for Senior Kaohsiung Citizens at Public Expense” and handled funded denture device business.



Public meeting for Free Denture Service for Kaohsiung Senior Citizens

D. Accepted 4,522 telephone complaints and consultation.

E. Established “Kaohsiung Free Denture Service Working Group for the Elderly” and “Kaohsiung Free Denture Review Group for the Elderly” and held 2 working group meetings, 4 review group meetings and 5 written review meetings.

F. Conducted “Survey on Kaohsiung Free Denture Service for the Elderly” and received 2,051 valid questionnaires; the result shows 49% very satisfied, 45.2% satisfied, 5.61% no comment, and 0% on dissatisfied and very dissatisfied.

4. Medical services in mountainous areas

(1) Used the medical resources of Kaohsiung Medical University Hospital for the

aboriginals to receive specialized medical service with improved accessibility, satisfaction and quality. The aboriginal health centers offered medical services for 26,614 times, 647 outpatient medical visits with 5,383 patients, 20 screening service on 1,648 people; 638 health promotion activities with 22,982 audience.

- (2) Organized NTD 1,430,000 transportation subsidy program for remote aboriginals and 1,533 people were serviced.
- (3) Promoted “Tribal Community Health Plan” and assisted Renwu Aboriginal Association, Maolin Community Association and Taoyuan District High School Community Development Association to receive “National Tribal Community Health Plan (Construction Center Group)- Outstanding Awards”; and Maolin Community Association and Namaxia District Health Office to receive “Excellent Award for Healthy Living Creative Poster”.



National Tribal Community Health Plan (Construction Group)- Excellent Unit



Kaohsiung Tribal and Community Health Plan Award

- (4) Completed the promotion project of improving quality of remote health office and outpatient medical network, one of the 2018 Forward-Looking Digital Infrastructure proposed by Ministry of Health and Welfare. The establishment of HIS&PACS system cost NTD 1,705,000 in order to improve quality of medical information system, offered complete medical and imaging service to reduce transportation of remote aboriginals and improve their medical accessibility.
- (5) Promoted remote medical model and take Maolin Community as model to improve local medical access, health promotion, chronic disease prevention, long-term care service, talent training platform; the integration aims to offer community medical network to the area.

5. Health Center Management

- (1) Assisted Liouguei District Health Center to participate in the 2nd government award-overall service competition.
- (2) Reengineering:

Based on the characteristics of each district, each health center should strengthen its role and function on public health service. After evaluation, large community health center should stop vaccination service and transform its main service to public health business and long-term multi-functional service.

6. Mental Health Promotion Service

- (1) Mental Health Advocacy and Promotion:
Assisted 1,851 people (including 187 first consultation and 1,664 psychological service station provided by outsourced consultants); 30 group counseling sessions with 333 participants; 205 mental health promotion activities with 22,000 participants.
- (2) Suicide Prevention Service:

In 2019, there were 4,774 reported high-risk suicide cases and the visits service reached

40,895 times. In the year, the estimated suicide figure from January to September was 506, an increase of 27 people compared to the same period in 2018. Among which, 337 victims were male (66.6%) and 169 were female (33.4%).

(3) Prevention of mental health disease, domestic violence and sexual assault:

Regarding care visit of mental patients; there were 20,233 patients in 2019 and 104,749 visits were conducted. 39 trials of domestic violence and 303 offenders were identified; 280 new cases were concluded and 305 cases were closed. Handled 600 addiction and psychotherapy sessions, 689 psychological counseling sessions, 1,906 counseling sessions for cognitive and alcohol education group. Handled trials of 300 sexual assaults and 187 cases were closed.

(4) Drug Addiction Treatment

A. 15 drug addiction treatment institutions were designated to execute “Drug Addiction Treatment Subsidy Program” proposed by Ministry of Health and Welfare in order to increase the popularity of treatment service for various drug addictions, reduce economic barriers to medical service, and improve motivation for treatment. The subsidy was available for partial medical expenses (including outpatient and inpatient), the accumulative annual subsidy for each person over 18 was limited to NTD35,000 and under 18 was NTD40,000. In 2019, there were 222 patients received such subsidy.

B. There are 10 medical institutions that offered alternative treatment execution and 1 methadone maintenance therapy point in Kaohsiung city, which are Kaohsiung Armed Forces General Hospital, Kaohsiung Chang Kung Hospital, Kaohsiung Medical University Chung-Ho

Memorial Hospital, Kaohsiung Municipal Kai-Syuan Psychiatric Hospital, Cishan Hospital, Tsyu-Huey Mental Hospital, Zuoying Branch of Kaohsiung Armed Forces General Hospital, E-Da Hospital, Yuans General Hospital, Kaohsiung Veterans General Hospital and Kaohsiung Municipal Cijin Hospital (entrusted to operate by Kaohsiung Medical University). In 2019, the total number of recipients of non-AIDS drug addiction cases was 1,793, with a total expenditure of NTD11,435,487; currently there are 1,553 patients still taking medication.

(5) Create high-quality tobacco-free environment, promote tobacco hazards prevention act

A. Quit smoking service

a. There were 532 clinics promoted quit smoking with 102,640 patients and free quit smoking hotline serviced 4,695 times. There were 228 counseling points with quit smoking medical staff that swerved 5,243 people. A total of 291 participants jointed core training and advanced training on quit-smoking education and offered counseling service to 131 people.

b. Organized 43 quit-smoking classes with 337 participants; 83.7% of them successfully quit smoking in 6 weeks.

B. Promotion and advocacy of tobacco-free environment

a. Conducted 453 publicity campaigns on tobacco control with 46,210 participants

b. Announcement of tobacco-free environment at bus and taxi stops.

c. Announcement of tobacco-free environment at the storefronts and pedestrian arcade in front of convenient stores, coffee shops and fast-food shop.



Deputy Mayor Chen Vow for Tobacco Free Pedestrian Arcade

- C. Organized diverse advocacy activities for young people by age
 - a. Conducted individual and group class on quit smoking in campus; there were 10 classes in total with 123 participants.
 - b. Organized “Smoke-Free for Healthy You and Me” coloring competition in kindergarten and received 16,598 works.
 - c. Organized “Say NO to Smoking” graphic competition in elementary schools and received 948 works.
 - d. Organized “Tobacco Control (Electronic Cigarette) Creative Poster Competition” in high school and received 96 works.
 - e. Conducted “Say NO to Tobacco (Electronic Cigarette) Dance Competition” and a total of 16 teams signed up.

Health Service

1. Maternal and Child Health

- (1) Provided subsidy to high-risk pregnant women and newborn babies on health care screening with a total subsidy of NTD31,750,479.
- (2) Promoted breast-feeding in the community: Based on Public Breastfeeding Act, assisted 204 institutions to set up breastfeeding (collecting) room and assisted 23 medical centers to be certified as child-parent friendly hospitals.
- (3) Create a women-friendly medical environment: assisted 29 hospitals to promote a women-friendly medical environment.

2. Child Development and Preventive Health

- (1) Provided free counseling service to infant aged 0-3 to evaluate growth and development screening; serviced 48,126 times.
- (2) Organized vision, strabismus and amblyopia screening on 45,174 children and the abnormal referral rate was 100%.
- (3) Organized hearing screening service on newborns; 18,699 initial screenings and 1,517 re-screenings were performed. There were 147 cases diagnosed as abnormal and the diagnosis rate was 91.8%.
- (4) Organized oral care subsidy service to 2,977 physical or mental disorder children under 12.

3. Prevention and treatment of middle-aged and elderly diseases

- (1) Conducted health check on 40,775 elderly.
- (2) Organized community-based integrated screening service to citizens over 40 for the advocacy for the prevention and treatment of middle-aged and elderly diseases. 197 events were organized with 17,937 participants.

4. Cancer Prevention

- (1) Promoted screening and referral mechanism on cervical cancer, breast cancer, colorectal cancer and oral cancer
 - A. Enhanced convenience of cancer screening network: worked with 1,034 clinics to provide screening on four cancers.
 - B. Provided community screening station: local health centers connected community resources to organize 1,360 screening sessions to 111,789 people.
 - C. Establish positive case referral tracking system: assisted 28 hospitals to improve cancer treatment quality and enhanced one-stop service for positive cases.
 - D. Screening cervical cancer, breast cancer, colorectal cancer and oral cancer on 612,192 people and diagnosed 6,575 people with precancerous lesions and 1,682 found with cancer (see Table 5-9).

Table 5-9 Screening result of four cancers

	Year	2019
Cervical Cancer	No. of Screening	257,598
	No. of precancerous lesions	1,453
	No. of cancer	330
Breast Cancer	No. of Screening	107,000
	No. of cancer	734
Colorectal Cancer	No. of Screening	163,848
	No. of precancerous lesions	4,638
	No. of cancer	405
Oral Cancer	No. of Screening	83,746
	No. of precancerous lesions	484
	No. of cancer	213

source: 2020/01/08 National Health Promotion Administration

(2) Strengthen cancer prevention

Organized creative press conference with medical group, cancer group and workplace units through radio, television and print news to strengthen citizens' awareness and actions for health.

5. Long-term Care

(1) There are 67 general nursing homes and 83 home nursing units in Kaohsiung that can offer long-term care for 4,798 people, day-time care for 100 people and home care service.

(2) The "Long-term Care Management Center" of Kaohsiung city integrates resources and management system to offer "discussion with application or the family for customized long-term care service" with diverse long-term care service.

(3) Cooperated with Ministry of Health and Welfare to organize audit on general nursing homes.

(4) Conducted long-term care advocacy activities, printed service brochures, flyers and posters for Kaohsiung citizens to know more about long-term care service, the application and content.

(5) Dementia care plan. In 2019, there were 8 joint care centers and 52 dementia service

bases to offer diverse service for dementia patients and the caregivers.

(6) Integrated community care system- C class long-term care stations that offer fixed point service, including health promotion, social participation, meal sharing, prevent and delay dementia, care visit and telephone greetings. There were 194 C -class long term care stations established in 2019.

(7) Integrated community care system-community integrated service center that offers case management service based on individual requirement; integrate community or home style service for diverse demand. In 2017, 7 service centers were established, 46 centers in 2018 and 52 centers in 2019.

(8) Continue the promotion of long-term care service in remote areas. The Department of Health promotes the establishment of service branch office in the remote areas, including Liouguei, Jiasian, Tianliao and 3 aboriginal areas. Local health center is in charge of the branch office to promote one-stop service for long-term care, hold regular meetings with long-term care committee, integrate community resource network through resource inventory and census, and connect external resources to promote the accessibility and convenience of long-term care resources in remote areas for

local citizens. The statistic shows that in 2019, there were 919 people (coverage rate of 50.77%) received long-term care service in the 6 districts in 2019.

Prevention of Infectious Diseases

1. Prevention and Treatment of Acute Infectious Disease

(1) Flu Prevention

A. Influenza situation and monitoring

There were 411 reported cases of flu with severe complication in 2019 and 235 cases were confirmed; and there were 405 reported respiratory cases caused by clustered infection.

B. Flu Prevention Mechanism

a. Overall medical system preparation: At the peak time of influenza, invited hospitals to open special flu-like outpatients. Cooperated with 12 designated infectious disease quarantine hospitals in Kaohsiung to receive and cure the first and fifth categories of statutory infectious disease patients. The number of hospitals offered free vaccine increased from 284 to 612.

b. Kaohsiung government preparations:

Integrate cross-department resources in accordance with seasonal flu prevention and control manual issued by Kaohsiung government.

c. Public promotion and education: Organized 105 “Story-telling on Disease Prevention” activities with participants of 10,060 students; established 24H/7 consulting hotline and regularly update the latest information on the website.

(2) Prevention of enterovirus and intestinal infectious diseases

A. There were 7,083 children suspected to be infected with enterovirus in 2019; 23 cases were severe enterovirus and 7 cases confirmed. All of them completed investigation and education.

B. Completed the prevention and treatment of intestinal infectious diseases and no epidemic situation and notification of secondary wave has occurred.

2. Vaccination

(1) Result of flu vaccination over the year (Table 5-10).

Table 5-10 Number of flu vaccination in Kaohsiung

Object \ Year	2015	2016	2017	2018	2019
Elderly over 65	119,678	180,154	189,113	192,719	196,868
Medical and Health Personnel	37,630	33,972	46,476	45,405	49,458
Livestock Breeding and Animal Epidemic Prevention Personnel	748	806	482	597	467
Extended Vaccination	—	42,017	—	7,746	—
50-64 years Old	6,986	141,340	144,663	140,385	131,441
6 Month to 3 Years Old	20,994	40,117	42,873	38,434	44,841
3 Years Old to 7 Years Old	13,627	30,642	31,029	29,157	38,792
Students	95,993	91,554	216,226	163,332	204,681
Total	295,656	560,602	718,249	664,419	729,228

Source: Influenza Vaccine Management System.

(2) Conventional Vaccine

A. There are 220 vaccination contract medical institutions in Kaohsiung to provide

convenient vaccination service to the public.

B. The completion rate of conventional vaccination over the years (Table 5-11)

Table 5-11 Completion rate of conventional vaccination in Kaohsiung

Year	Item	BCG	Var	MMR	Hepatitis B	5 in 1
2018		97.46%	98.25%	98.69%	98.98%	98.99%
2019		97.79%	98.46%	98.82%	98.98%	98.93%

Source: NIIS

3. Vector-borne Disease Prevention

- (1) Malaria prevention and control: There were 0 cases of immigration cases nor local cases.
- (2) Japanese encephalitis prevention and control: 70 reported cases and 5 confirmed.
- (3) Chikungunya fever prevention and control: 7 immigration cases and no local cases.
- (4) Dengue/Zika prevention and control:

A. Assisted Department of Civil Affairs to guide operation of district-level command centers to improve the emergency response and mobilization capabilities.

B. Epidemic control:

a. 58 local dengue cases, 0 severe cases, 0 deaths and 82 immigration cases.

b. No Zika cases locally or immigrated.

C. Actively established 551 “community petrol volunteer teams”, conducted 3,646 public health educations with 323,581 participants.

D. Monitoring of vector density

a. Survey of vector density in the community for 6,922 times and 222 times were diagnosed as Breteau Index 3 or more (warning rate 3.2%).

b. Completed regular inspection on major pipeline sites such as basement and high-risk areas.

E. Implement public power by issuing 1,551 notices and 1,167 administrative sanctions.

F. Other actions

a. Carried out “Integrated Dengue Fever Medical Care Plan” and 528 contracted clinics.

b. Implemented “Trial Plan for Foreign Quarantine and Epidemic Prevention Work” and inspected 14,658 foreign workers and 28 were suspected to be infected.

c. Organized 49 sessions of “Education and Training of Self-management Measures for Dengue Prevention and Vector Prevention in Kaohsiung” with 5,468 participants.

4. Prevention and Control of Chronic Infectious Diseases

(1) Prevention and health education on tuberculosis

A. There were 47.6 per 100,000 population newly diagnosed with tuberculosis in 2019, a decrease by 6.1% compared with the same period in 2019.

B. 97% (national 97%) treatment of latent tuberculosis infection was DOPT and the care quality A was 91% (national 88%).

C. Cooperated with private organization to conduct chest X-ray inspections for the economically disadvantaged groups, around mountain area and diabetes



Dengue Fever Prevention Rally

patients. Tuberculosis was diagnosed every 40.6 per 100,000 population. Early-stage referral could prevent community-base transmission.

(2) AIDS Prevention

- A. There were 277 new HIV infected patients in 2019, an increase of 6.9% same period last year.
- B. 71,524 HIV-prone people were screened for the disease.
- C. A total of 4,579 people were diagnosed with HIV and still survived; the individual management seeking for medical treatment was 89%. 91.9% of the new cases diagnosed with AIDS in 2019 went to the doctors in 3 months.
- D. Conducted drug addiction AIDS reduction program; issued 422,893 clean needles with 100% recycle rate.
- E. Conducted 699 AIDS campaigns with 69,417 participants.

Business and Occupational Hygiene Management

1. Business Hygiene Management

Conducted hygiene inspection and counseling in 3,429 stores of six major industries, namely hotel, bathroom, swimming pool, beauty and hair salon, entertainment and film industries. Among the 1,881 water quality inspections of swimming, 8 were detected non-compliance with sanitary standard and the rate was 0.43%. Among the 1,382 inspections in bathroom, 42 were non-compliance, and the rate was 3.04%.

2. Occupational Hygiene Management

- (1) Since the counseling institutions started promoting health promotion, 160 workplaces have passed the Workplace Health Promotion Certifications issued by Health Promotion Administration.

- (2) A total of 59,571 foreign works had health check and the non-conformance rate was 0.92%.

Pharmaceutical Administration

1. Audit on pharmacies and pharmacists

- (1) Simplify the registration of pharmacists and relevant personnel
 - A. There were 536 newly registered pharmacies in 2019 and 1,133 cases of business suspension, closing or change.
 - B. Issued or cancelled 924 licenses of pharmaceutical personnel.
- (2) Implemented general audit system on pharmacists and pharmacies
 - Implemented general audit on pharmacists and pharmacies; found 33 pharmacies and cancelled the license which lost track of location and had not resumed business license and were no longer in operation.
- (3) Implemented Pharmaceutical Affairs Act and established pharmacies employment register system; registered/ cancelled employment of 699 salespersons.
- (4) Organized 180 campaigns on drug safety in elementary schools, high schools, activity centers and with large-scale activities; there were 13,772 participants in total.

2. Drug Management

- (1) On-site audit of 2,321 hospitals and clinics, pharmacists and pharmacies in Kaohsiung to prevent illegal use of controlled drugs and 48 violations were found and handled to the police.
- (2) Suppressed fake, bad, controlled drugs and other illegal drugs in a total of 281 cases (see Table 5-12).
- (3) Drug Advertising Management
 - A. Reviewed 291 cases of drug advertisement in accordance with Pharmaceutical Affairs Act and approved 291 cases.

B. Strengthened the monitoring of the content of drug advertisement. Those found to violate were handled according to law; 13

cases were found in Kaohsiung and 185 cases in other cities.

Table 5-12 Illegal drugs found in Kaohsiung

Unit: Case

Year	Type	Fake Drug	Bad Drug	Controlled Drug	Other Illegal Drugs	Total
2015		10	10	50	374	444
2016		5	11	49	442	507
2017		1	8	54	190	253
2018		2	10	33	256	301
2019		4	7	20	250	281

Source: Department of Health, Kaohsiung City Government;

3. Cosmetics Management

(1) Suppress illegal cosmetics

Conducted regular and irregular audit and inspections of the labelling on cosmetics to monitor the quality of cosmetics sold in the market and ensure consumer's safety (see Table 5-13). Strengthened the enforcement of illegal advertisement such as exaggeration on

printed press, cable TV, radio and internet to protect consumers.

(2) Promotion of Cosmetic Hygiene and Safety Act

Organized 30 campaigns on "cosmetics advertisement and relevant act" with 380 participants.

Table 5-13 Result of cosmetics audit in Kaohsiung

Year	Factory Audit	Labelling Audit	Quality Inspection	Illegal Cosmetics	Approved Ad	Illegal Ad
2015	130	11,620	67	572	1,362	1,037
2016	55	11,632	105	458	1,045	823
2017	138	4,333	83	114	0	589
2018	83	4,823	66	35	0	673
2019	94	4,668	78	176	0	767

Source: Department of Health, Kaohsiung City Government

Health Promotion and Marketing

1. Health Promotion

(1) Promote a friendly healthy environment for the elderly:

Assisted 54 community units and health centers to promote a friendly environment for

the elderly, dementia, chronic disease and cancer patients.

(2) Promote a healthy lifestyle

A. Recruited sports seed personnel and trained 230 people to deliver correct sports knowledge, balanced diet and dementia-related health policies.

B. Assisted 38 catering companies to launch

40 dishes that meet healthy requirement and low-salt meals for the public.

C. Organized 159 campaigns on elderly nutrition with 3,827 participants and 164 healthy diet lectures in the community.

(3) Promotion of elderly health

A. Cooperated with health centers, senior's gathering places and community units to evaluate 25,402 elderly over 65 and offered recommendation or referral service to those with abnormal assessing results.

B. Organized "Grandpa Grandma Vitality Competition" to encourage the elderly to exercise routinely and increase participation of social activities for physical and mental health. There were 1,366 elderly participants in total.



Grandpa Grandma Vitality Competition

C. Organized 542 campaigns on the knowledge of dementia with 37,279 participants and 606 campaigns of elderly health promotion activities with 16,892 participants.

(4) Accident Prevention

Promoted home safety evaluation to the aboriginals, new residents and vulnerable families and assisted 190 families. Organized 114 campaigns to prevent children accidents with 4,468 participants.

2. Marketing on Health and Volunteer Training

(1) Health Marketing

A. Advertised new health information and policies through radio and TV stations.

B. Department of Health and related institution released 439 news articles in 2019.

(2) Make good use of human resources and train healthcare volunteers

Made effective use of the 85 healthcare volunteer resources in Kaohsiung. In 2019, there were 251 new volunteers; 6 training sessions were conducted with 897 participants. 125 volunteers received service award by the Ministry of Health and Welfare, 317 volunteers received volunteer service badges from Ministry of Health and Welfare while 353 from Kaohsiung government, and 83 were won award of senior volunteer from Kaohsiung Department of Health.

Food Hygiene Management

1. Food sample inspection and labeling management

(1) Sampling inspection on 4,532 (including entrusted inspections) food, festive food and seasonal food in 2019 and 142 were found non-compliance (see Table 5-14).

(2) Inspection on food labeling of 50,348 cases in 2019 and 126 (0.25%) were found non-compliance and handled in accordance with Act Governing Food Safety and Sanitation (see Table 5-15).

Table 5-14 Food sample inspection in Kaohsiung

Year	No. of Inspection (including entrusted cases)	No. of non-compliance	Fail Rate	Remark
2015	6,515	306	4.7	Enhance inspection on pesticide residue in tea products
2016	5,657	212	3.75	
2017	5,100	198	3.88	
2018	4,963	215	4.3	
2019	4,532	142	3.13	

Source: Department of Health, Kaohsiung City Government

Table 5-15 Labeling enforcement result in Kaohsiung

Year	No. of Inspection	No. of non-compliance
2015	38,331	312
2016	47,198	331
2017	47,015	289
2018	51,400	235
2019	50,347	126

Source: Department of Health, Kaohsiung City Government

(2) Various types of illegal food advertisement:

Number of investigations over the years in Kaohsiung (see Table 5-16).

Table 5-16 Cases of illegal food advertisement in Kaohsiung

Year	Total	Cable TV and Radio	Printed Media	Internet
2015	1,294	505	19	770
2016	1,905	575	167	1163
2017	1,933	626	12	1,295
2018	2,059	645	12	1,402
2019	1,682	830	24	828

Source: Department of Health, Kaohsiung City Government

3 Water station management

(1) Number of water stations in Kaohsiung.

Number of water stations in Kaohsiung over the years (see Table 5-17).

Table 5-17 Number of water stations in Kaohsiung

Year	Number
2015	1,789
2016	1,804
2017	1,851
2018	1,889
2019	1,889

Source: Department of Health, Kaohsiung City Government

- (2) Conducted 402 heavy metal inspections (arsenic, lead, zinc, copper, mercury, cadmium) on water stations and all met legal standard.

4. Hygiene counseling on food and beverage in tourist attractions

Promoted model night market in 2019 and 206 vendors in Kaisyuan Night Market and Liouhe Night Market passed the evaluation.

5. Promote self-management of the catering industry

- (1) Organized catering hygiene evaluation in 2019 and a total of 270 companies passed the evaluation.
- (2) Conducted on-site HACCP audit on 52 companies of seafood, meat, meal boxes and diary product in 2019.

6. Promotion on food hygiene and safety

Organized 433 campaigns of food hygiene and safety education to students, women and the elderly with 34,663 participants in 2019.

7. Tracking and audit of food companies

Conducted 508 audits on food imported companies and 240 audits on manufacturing companies; all passed in 2019.

8. Result of “Kaohsiung Civilian Safety Communication Platform”

Performed 9 major food safety cases in 2019 through the cooperation of the police and “Kaohsiung Civilian Safety Communication Platform”.

Hygiene Inspection

1. Establish reliability and credibility of inspection quality

- (1) Established quality laboratory control and management
847 items passed Taiwan Accreditation

Foundation certification 1,164 items passed Taiwan Food and Drug Administration certification; the inspection items include food inspection, Chinese medicine blended with Western medicine and cosmetics. The number of certifications was the highest among other cities in Taiwan. Certifications from two laboratories ensure inspection quality.

- (2) External assessment of inspection business
Rated as the first place in group A of “National Healthy Policy-Inspection Assessment” evaluated by Food and Drug Administration for 10 consecutive years.



Awarded 1st place in group A of “National Healthy Policy-Inspection Assessment” by Food and Drug Administration

- (3) Inspection assessment at home and abroad
Actively participated in the proficiency test of Food and Drug Administration and UK FAPAS; participated in 28 sessions on food-water quality to improve inspection quality and improve accuracy of inspection.

2. Strengthen food and drug inspection and the development of relevant technology

- (1) Sampling inspection in 8,685 products (total 358,975 items) on food, drug, business hygiene, water quality, pesticide residue of vegetables and fruits, fish and animal medicine, fake and genetically modified food.
- (2) Actively participated in domestic academic seminars and published papers. At “Food Hygiene Inspection Science and Technology Symposium” in 2019, one oral paper and three poster papers were published; the oral paper was rewarded as Excellent.



2019 "Food Hygiene Inspection Science and Technology Symposium", the oral paper was awarded Excellence prize.

3. Service for other matters

Provided more than 500 inspection reagents of various kinds for free with instruction for the public to conduct DIY inspection.

4. Established "Food Safety Laboratory Strategic Alliance"

The "Food Safety Laboratory Strategic Alliance" was conducted by 19 academic and

private laboratories in southern Taiwan, which aims to offer continuous inspection service in Kaohsiung area. The main strategies are: 1. Technology support and experience sharing between labs; 2. Disclose inspection service information of each lab on the official website of Kaohsiung Department of Health.

5. Listed as authorized laboratory for exporting seafood by Bureau of Standards, Metrology and Inspection, M.O.E.A

The inspection section of Kaohsiung Department of Health was listed by Bureau of Standards, Metrology and Inspection, M.O.E.A to be an authorized laboratory for exporting seafood; there are 28 authorized inspection items, including food microorganisms, animal drugs, food additives, and food adulteration to expand the scope of inspection service and capacity.

VI. Substance Abuse Control and Prevention

1. Establish Community Care Centers for Drug Control in Kaohsiung City

To effectuate drug prevention in each police district, school district, and community, and completely eradicate drugs in campus, the Department of Substance Abuse Control and Prevention (DSACP) made a new attempt to collaborate with Kaohsiung City Medical Association and Pharmacist Association, Kaohsiung First Pharmacist Association, Kaohsiung County Medical Association, and Public Health Centers, as well as community pharmacies, clinics, and district health centers to set up 120 Community Care Centers for Drug Control. These centers help provide accessible and convenient one-stop services including free urine screen kits, promotional campaign, consultation, and referral. They aim to be the first-line goalkeepers for drug prevention in the community through a densely knitted network of

drug prevention services.



Press conference for the launch of the Community Care Centers for Drug Control

2. "Geng Xin Yuan" and "Shu Xin Yuan" – First Community Support Service Centers for Drug Addicts' Families in Taiwan

(1) Community support service centers for drug addicts' families were set up in Sinsing District and Zuoying District of the City to enhance the support system for drug addicts and their families, prevent minor children in

drug crime-related families from becoming new addicts, and uncover hidden drug addicts. Services are provided by Lifeline Association, Kaohsiung (Shu Xin Yuan) in Sinsing District and by Kaohsiung City Geng Xin Yuan Development Association (Geng Xin Yuan) in Zuoying District. Fixed-location services are also extended to surrounding regions to provide drug addicts and their families with psychological support, employment referral and transition service, recovery of family relationship, etc. in order to strengthen family functions, social rehabilitation, and prevention of new drug addicts. The localized service model aims to promote accessibility and availability of resources.

- (2) In 2019, Lifeline Association, Kaohsiung (Shu Xin Yuan) provided services to 101 cases and organized 25 community support groups for drug addicts' families, benefitting 565 participants; Kaohsiung City Geng Xin Yuan Development Association (Geng Xin Yuan) provided services to 387 cases and organized 31 community support groups for drug addicts' families, benefitting 787 participants.



Unveiling ceremonies of the community support service centers for drug addicts' families – "Geng Xin Yuan" and "Shu Xin Yuan"

3. Push for the "Regulations of Executing Narcotics Prevention Measures for Specific Places of Business"

- (1) A total of 57 businesses were put under regulation by December 2019. DSACP communicated with the businesses in writing about what drug control measures should be taken, provided information and signage about drug control and leaflets detailing procedures of reporting to the police, and filmed promotional videos to reinforce publicity.
- (2) DSACP held three sessions of "drug control training for workers in the specific places of business" in 2019, with 169 participants from the businesses attended. The attendees eagerly engaged in discussion and shared experiences. The training sessions received positive responses from the businesses.
- (3) DSACP visited and guided 69 specific places of business in the City in 2019, and special investigation was conducted on targeted businesses. Also, joint raids and promotional campaigns were performed on 60 businesses in conjunction with the police.



Drug control training for workers in the specific places of business

4. Cooperate with District Prosecutors Office for "Zero Drug Hazard" Judicial Interventions

- (1) Diverse judicial interventions to zero out drug hazards: To improve effectiveness of deferred prosecution for drug addicts, the Kaohsiung District Prosecutors Office worked with DSACP, as well as Kaohsiung Chang Gung Memorial Hospital, Kaohsiung Municipal Kai-Syuan Psychiatric Hospital, Tsyur-Huey

Mental Hospital, and Kaohsiung Medical University Chung-Ho Memorial Hospital, to jointly launch the diverse judicial interventions program. Cases are divided into 4 quadrants by analyzing the risk of recidivism and medical care need for different interventions, including judicial control, addiction treatment, and social rehabilitation treatment. In 2019, the District Prosecutors Office referred 354 cases to medical care institutions for diverged intervention.

- (2) Center for the Care of Judicially Intervened Drug Abuse Cases: The Center was set up in the Ciaotou District Prosecutors Office, with DSACP's case managers providing one-stop services that ensure zero distance from drug cessation. The center offers psychological support and assesses the needs in each case, and then establishes links to employment service, medical resources, and social welfare services, etc. In 2019, services were provided in 29 instances and 205 cases were served.
- (3) Drafting the counseling procedures for juvenile drug abuse cases of Kaohsiung City: To integrate the City's children and youth drug control resources for intervention and counseling, Kaohsiung City intends to draft the counseling procedures for juvenile drug abuse cases. Moreover, starting from January 1, 2020, DSACP will coordinate counseling services for children and young people abusing drugs, and provide relevant advice and resources related to juvenile drug abuse cases to help them break away from drug hazards.



Unveiling and launch ceremony for the "Center for the Care of Judicially Intervened Drug Abuse Cases"

5. Services for Special Groups

- (1) Care and counseling for drug-abusing children and youth: DSACP has collaborated with the Education Bureau, Kaohsiung City Government since June 2019 to work on the Chun- Hui (Youth Support) Project by practicing the "counseling first" concept. Service is provided to cases involving children and young people who are not in school and abusing first- and second-grade drugs. A total of 58 juvenile cases were served in 2019.
- (2) Service proposal for female drug addicts
 - A. To help female drug addicts acquire self-care ability and a skill that would support their livelihood and stable employment after discharge from prison, DSACP co- organized the Female Drug Addicts Rehabilitation Program-Self-care, Skill Empowerment, and Addiction Treatment Knowledge Course with the Kaohsiung Women's Prison, Agency of Corrections, Ministry of Justice. A total of 48 sessions were held with 655 participants attended in 2019.
 - B. The Kaohsiung City Maternal Addiction and Neonatal Addiction Service Referral Procedures were laid down in 2019. It is specified in the procedures that DSACP is the point of contact for the service responsible for regularly compiling related data, while other units in the network provide immediate care and intervention depending on their respective professions and authorities.
 - C. Plan is drawn up to establish the Female Addict Care and Counseling Team, with 6 dedicated case managers in place to facilitate the building of relationship with female drug addicts (including maternal addicts and newborn care). Also, a reproduction regulation subsidy program is offered and health education information on "reproductive health" and "maternity care" is printed.

6. 2019 International Conference on Site-Specific Drug Control and Addiction Treatment

Drug abuse has become a much-concerned public health and social security issue around the world. In light of this, DSACP held the two-day international conference on July 12-13, 2019, inviting international scholars and experts from the USA, Japan, Malaysia, Thailand, South Korea, and Taiwan. Local and foreign experts, scholars, and practitioners gathered to exchange ideas and share experiences in different areas.



2019 International Conference on Site-Specific Drug Control and Addiction Treatment

7. 2019 International Day against Drug Abuse and Illicit Trafficking – No Drug Youth Dance Contest

To encourage young people and students to engage in recreational activities that are good for physical and mental health during the summer holiday and refrain from drug abuse places and temptation, DSACP specially held the No Drug Youth Dance Contest on June 26, the day before the 2019 International Day against Drug Abuse and Illicit Trafficking. Students swayed their passion and energy around the “anti-drug” theme to raise the public awareness and concern on the hazards and problems of drug abuse.



2019 International Day against Drug Abuse and Illicit Trafficking – No Drug Youth Dance Contest

8. Kaohsiung Drug Control Truck for Localized Care

DSACP, in collaboration with the City Government’s inter-department task force as well as the Kaohsiung and Ciaotou District Prosecutors Offices, delivered 8 sessions of drug control talks with its Kaohsiung Drug Control Truck for Localized Care in 2019 through village chiefs, schools, community development associations, temple representatives, and local councilors. The talks were given in Liouguei District, Cishan District, Fongshan District, Linyuan-Daliao area, Cijin-Gushan-Yancheng area, Gangshan District, Lingya District, and Sinsing District to give a chance for exchange. It was expected to enhance the drug control effect through such public-private cooperation.



DSACP delivered drug control talk in Gangshan District with its Drug Control Truck for Localized Care

9. Generalized Anti-Drug Action Series of Activities

- (1) DSACP kicked off the “Generalized Anti-Drug Action – City Bike Ride for iPhone Luck Draw” on September 23, 2019. Anti-drug signs were also displayed on the City’s shared bikes and at the rental stations. Citizens riding on City Bike formed a mobile promotional team to publicize the anti-drug message.



DSACP and a hundred citizens riding on City Bike advocated the Generalized Anti-Drug Action.

- (2) DSACP held the “New-Generation Generalized Anti-Drug Action – Anti-Drug Volunteers Gathering” on September 28, 2019, to which four types of voluntary groups were widely invited including those “at work”, “in school”, “in military service”, and “in the community”. More than 47 teams participated in the event. The mayor not only presented team flags to the anti-drug voluntary groups in person, but also led a hand-joining ceremony to call on all citizens to join the action. It is hoped that the anti-drug seed will blossom everywhere through the establishment of the anti-drug voluntary groups. The gathering and ceremony represented the joint force of public and private sectors against drug abuse, working concertedly towards a safe and liveable Kaohsiung City.



Kaohsiung Mayor Han Kuo-yu led volunteers at work, in school, in military service and in the community in the Generalized Anti-Drug Action.

- (3) DSACP worked with Kaohsiung City Council and Kaohsiung City Journalists Association to organize the “Speaker’s Cup Anti-Drug Marathon” on November 3, 2019 at the National Sun Yat-sen University. The marathon event highlighted the idea of running for health and coincided with the anti-drug theme. Booths were set up at the site to disseminate knowledge on the types, forms, and hazards of drugs, and how to identify drugs. The anti-drug concept was also promoted. More than 2,000 runners keenly participated, saying “NO” to drugs together!



Thousands of people joined the Speaker’s Cup Anti-Drug Marathon to say “NO” to drugs.

- (4) “Regulations of Executing Narcotics Prevention Measures for Specific Places of Business” were enforced on December 12, 2018, and DSACP launched the “Generalized Anti-Drug Action – Public-Private Collaboration for Creation of Drug-Free Places of Business” on December 12, 2019. By chance of the anniversary of the Regulations, DSACP called on and invited accommodation and entertainment operators to support the cause and extend the effect of these Regulations by adopting the four drug control measures – “displaying anti-drug signs”, “attending drug control training”, “reporting to the police”, and “establishing staff list”. Prevention of drug hazards should be put into practice with a preventive concept through the unreserved cooperation of the public and private sectors, so that safe and drug-free places of business can be created. The event attracted 128 participants.



Members from the city's administration, judiciary, and businesses participated in advocating the "Generalized Anti-Drug Action – Public-Private Collaboration for Creation of Drug-Free Places of Business".

- (5) DSACP held "The Drug-Free Path – Anti-Drug Show" under the Generalized Anti-Drug Action series on December 20, 2019. Eleven senior and vocational high schools in the city participated in the choreography of the grand line dance using



An officer from the Kaohsiung City Government and senior/vocational high school students announced their anti-drug determination by action.

VII. Environmental Protection

Maintaining Air Quality

1. Control of stationary pollution sources

- (1) Strictly reviewing applications concerning new and existing stationary pollution sources
In 2019, 54 applications for an installation permit, 10 for the change of permit, 70 for an operating permit, 361 for permit adjustment, 156 for permit replacement, and 174 for permit extension were received; 75 installation permits and 766 operating permits were issued.
- (2) Results of implementing emission reduction measures
Advice on on-site improvements was given to 1 chosen catering operators. In addition, the "collective burning of joss paper" and "cutting spending on joss paper and donating the money saved to disadvantaged groups" activities were carried out. The amount of joss

paper collectively burned on Jade Emperor's birthday was 126.91 tons, that on Tomb-Sweeping Festival was 184.15 tons, and that on Ghost Festival was 615.25 tons. The funds raised from "cutting spending on joss paper and donated the money saved to disadvantaged groups" activity was NT\$2.88 million..

- (3) Automatic continuous emission monitoring system (CEMS) for stationary sources

As of the end of 2019, 104 flues in 30 factories in Kaohsiung City were equipped with CEMSS. In addition, there were 51 flare towers in 27 factories, with CEMSS sending data to the Environmental Protection Bureau under Kaohsiung City Government. A Relative Accuracy Test Audit (RATA) had been conducted on 34 vent stacks, a Cylindrical Gas Audit (CGA) on 35 vent stacks, and an Opacity Audit (OP) on 31 vent stacks

(4) Volatile organic compound (VOC) emissions control

We conducted an inspection of 149 plants to see if they complied with the VOC Air Pollutant Control and Emission Standards, along with an audit on 80,110 components. An inspection of 6 vent stacks from which VOCs were emitted was conducted, and a perimeter inspection and vent stack odor test was conducted 10 times. 4 plants were tracked concerning whether improvement has been made in pollution reduction.

An inspection of the gas-oil ratio of 2,587 fuel nozzles in 110 gas stations was conducted in accordance with the Gas Station Gasoline Vapor Recovery Facility Management Regulations, and a gas leak test was performed in 60 gas stations. In 2019, the goal of reducing 53.27 tons of VOC air pollutant was achieved.

(5) Total amount control of air pollutants

The first phase of the total control amount of air pollutants in the Kaohsiung and Pingtung areas began on June 30, 2015 and ended on June 29, 2018; As of the end of 2019, 458 plants with existing stationary pollution sources were monitored. The amounts of emissions confirmed in the first phase were 13,712 tons of TSP, 48,794.6 tons of SO_x, 57,996.7 tons of NO_x, and 21,208.6 tons of VOCs. The specified amounts of emissions to be reduced in the first phase were 653.8 tons of TSP, 2,417.9 tons of SO_x, 2,888.2 tons of NO_x, and 1,051.3 tons of VOCs. As of the end of 2019, emission reduction credits were issued for 383.6 tons of TSP, 1,268.8 tons of SO_x, 2,380.3 tons of NO_x, and 1,800.1 tons of VOCs; 37 cases of transaction transfer were completed.

(6) HAPs control and VOCs monitor

This project executed 223 chimneys of checking of mandatory compliance by the emission sources of PCDD/Fs and heavy metals. This project finished the tests on

PCDD/F for 20 chimneys, heavy metals for 20, PSN for 30, VOC for 31 and odor for 30 in order to control and establish emissions of pollution sources. Also, 10 oil sulfur content tests were completed, and this project has completed 13 times of regional monitoring of factories by the mobile OP-FTIR monitoring station. This project has completed 365 days of monitoring by the fixed OP-FTIR monitoring station of Wuchang Village and Chaoliao Junior High School.

2. Control of fugitive emission sources

There are many construction projects in Kaohsiung City, including large-scale public works, area development, civil engineering construction, pipe laying, road construction, road repair, and asphalt paving. The Bureau actively conducts inspection of construction sites, as well as provides guidance and evaluation. Construction site observation is also conducted to encourage operators to strengthen pollution prevention. Several control measures are as follows:

(1) Construction site pollution control

A. TSP monitoring around construction sites was conducted 5 times, and fuel testing of 10 pieces of construction equipment performed; Test results are in compliance with regulatory standards.

B. In 2019, inspection was conducted 24,377 times, and 4 sessions of regulation advocacy were held. 20 construction sites were evaluated, and 5 of these sites were praised for their outstanding performance in pollution prevention, from which TSP was reduced by 5,350.89 tons and PM10 by 2,972.72 tons.

C. Regarding the control of fugitive emission sources in public and private premises, inspections of public and private premises with fugitive emission sources were conducted 2,197 times, and 238 demerits reported in 2019. 3 cases were disciplined

according to the Management Regulations for Facilities to Control Fugitive Dust Air Pollution from Stationary Pollution Sources.

(2) Street cleaning and road maintenance

To reduce wind-borne dust from moving vehicles, we have improved street cleaning and implemented relevant measures. It is hoped that these measures will help to prevent particulate matter from road surface from being dispersed, in order to effectively reduce the amount of wind-borne dust and maintain the cleanliness of roads in the urban area, whereby the air quality of the City will be improved. In 2019, 1,330 roads with a total of 2,152.8 km were inspected, 65,570.2 km of streets were cleaned by street washing vehicle, 13,125.2km of streets were cleaned by Hybrid electric street washing vehicle, 7,210.2 km of streets were cleaned by sweeper(medium), and 5,199.2 km of streets were cleaned by compact sweeper, totaling 91,104.9 km of streets were cleaned, TSP was reduced by 1,257.2 tons, PM10 was reduced by 236.9 tons, and PM2.5 was reduced by 55.3 tons.

(3) Investigation and control of bare land and green landscaping

As of 2019, there were 511 air quality purification zones, with a green area of approximately 206.9 hectares. 8 more air quality purification zones were added with a green area of approximately 0.7899 hectares in 2019. Moreover, guidance on the greening of bare land was provided, with an area of approximately 12.5 hectares being improved..

(4) Prevention and control of wind-borne dust along rivers

Two sets of PM10 continuous automatic monitoring equipment were set up around the Gaoping River and quadcopter were used for taking aerial photographs. In addition to the distribution of bare land along rivers, pollution sources surrounding rivers (such as a

sandstone storage yard and a dredging project) are also controlled. The Bureau further works with the No. 7 River Management Office of the Water Resources Agency, MOEA to cover bare land along rivers with green vegetation to control dust pollution. In 2019, approximately 33.4 hectares of bare land along the Gaoping River was improved; PM10 was reduced by approximately 5.91 tons. From January to December 2019, 16,601.66 km of streets susceptible to dust emissions from the Gaoping River were cleaned, and PM10 was reduced by approximately 43.16 tons.

3. Control of pollution from mobile sources

2.91million vehicles were registered in Kaohsiung City; among them were 2million scooters, and 900,000 gasoline and diesel cars. Management measures are as follows:

(1) Control of pollution from mobile sources

A. Scooters: In 2019, random inspections of 835,554 scooters and periodic inspection of 1,077,746 scooters were conducted. A fine was imposed on 4,843 scooters due to late inspection. Two-stroke scooters with white smoke were stopped for inspection directed at particulate matter emissions. In 2019, inspection of 551 scooters was conducted for white smoke from their exhaust, with a failure rate of 7.6%. A notice of rectification within a deadline was sent to 304,774 scooter owners whose scooters failed a periodic inspection and improvement was not made within one month, after being stopped for inspection and failed, or were reported for emitting white smoke. The re-inspection rate was 58.8%.

B. Diesel cars: The combined maintenance and inspection of diesel cars was promoted. 12 maintenance shops were established to perform maintenance and inspection on diesel cars produced by original manufacturers. In 2019, emissions testing

using a dynamometer on 10,268 diesel cars was conducted. The rate of diesel cars in use included in the management reached more than 26.5%. 1,993 diesel cars were stopped for inspection, with a failure rate of 9.8%. Fuel in 102 diesel cars was inspected of which 1 exceeded regulatory standards.

(2) Promoting the use of low-emission vehicles

The plan to expedite the process of having two-stroke scooters scrapped was promoted. In 2019, subsidies were given to have 29,188 two-stroke scooters scrapped in Kaohsiung City, and to replace two-stroke scooters with 3,539 electric scooters, 292 electric bikes, and 21 auxiliary electric bikes..

(3) Continuing to promote public bike rental services in Kaohsiung City

A. The average number of people using public bikes was 12,582 per day, with a total of 4.59 million users in 2019. Each bike was used up to 6.68 times a day.

B. In order to improve service quality and convenience, all the rental stations had been upgraded to 4G communication module by the end of June 2019. Moreover, the online cancellation function of MRT tickets had been added to the information website in December 2019.

C. 309 public bike rental sites were established in 2019, areas where extended eastward to Dashu District, westward to Gushan District, southward to Linyuan District, and northward to Qieding District. The usage rate of public bikes was increased because of the preferential measures for transferring between MRT and public bikes. The number of people who transferred between MRT and public bikes was 31,400 per month, which accounted for approximately 8.2% in the amount of people who used public bikes.

Control of Noise Pollution

1. Designating noise control zones

Noise control zones are reviewed and announced every two years with reference to the land use planning and land usage in the urban planning. Noise control zones are also strictly designated in accordance with noise conditions, i.e. raising noise control standards to strengthen the control of various noise sources.

2. Prevention and control of aviation noise

(1) The Civil Aeronautics Administration is asked to monitor aviation noise 24 hours a day. Noise control zones are revised and announced every two years in accordance with the monitoring data and noise line graphs provided by the Administration, in order to protect the rights of those who suffer from noise.

(2) Assistance is provided to the Civil Aeronautics Administration to subsidize the establishment of soundproof facilities in schools, libraries, medical institutions, and houses within the aviation noise control zones in Kaohsiung City. Approximately 48,000 households have received subsidies.

3. Other noise control

Other noise control, including traffic noise control, control measures on stationary noise sources, noise from folk activities, control measures on noise from exhaust pipes of vehicles in use and that from neighbors, is conducted in accordance with control standards. A notice of rectification within a deadline will be issued or a fine imposed in accordance with the seriousness of a violation.

Control of Water Pollution

1. Promoting a discharge permit and reporting system

2,411 plants under the jurisdiction of Kaohsiung City are listed for the control of

water pollution, including 2,256 enterprises and 155 sewage systems (among them, 11 are sewage systems industrial parks, 7 are public, 108 are communities, and 29 are other specified places. They have been asked to apply for a Water Pollution Control Permit as per law.

2. Carrying out the “prevention and control, as well as management of water pollution in industrial parks”

In 2019, an audit of dedicated sewage systems in industrial parks which was checked 263 times and sampled 226 times.

3. Public participation

In 2019, 15 river and creek purification activities and 18 promotional activities were conducted on water-related environmental education. People who live near schools or in communities along the rivers gathered together to establish 29 river patrol teams to promote the river patrol task and the reporting of pollution incidents to achieve the goal of public participation.

Soil and Groundwater Pollution and Remediation

The City Government announced 76 soil and/or groundwater containment sites, including 20 remediation sites, 49 control sites, 6 emergency response sites, and 1 delineated groundwater pollution use restriction zone. The total area of announced remediation sites is 715 hectares.

Management of Drinking Water

1. Tap water quality monitoring : 619 items were sampled and inspected in 2019 years. One test result (E. coli group) did not meet the drinking water quality standards, and the pass rate was 99.84%. The Bureau has already opened a tribunal, and Taiwan Water Company has completed improvement.

2. Public and private premises are encouraged to perform maintenance on drinking water equipment and conduct drinking water quality testing on a regular basis in accordance with the Management Regulations for the Maintenance of Drinking Water Equipment. In 2019, maintenance/management of 422 pieces of equipment was performed, and testing of 322 samples for water quality was conducted; all of them were in compliance with the regulations.
3. Inspection of 9 water refill stations with groundwater as their water source and 779 with tap water as their water source was conducted, and supply permits were issued in accordance with the Management Measures for Kaohsiung City’s Water Refill Stations and Water Source Supply Permit.
4. 5 keynote speeches and regulation seminars on drinking water safety were held in 2019, targeting water station operators, medical institutions, city residents, and elementary school students in drinking water protection areas.

Management of Toxic Chemicals

1. Issuance of permits, registration documents, approval documents, and approval documents for reference

- (1) Permits: In 2019, 42permits were issued to those who manufacture, sell, or import a large quantity of toxic chemical substances (including renewal, replacement, extension, and change of permits); 29permits were cancelled.
- (2) Registration documents: In 2019, 61 registration documents were issued to those who use or store a large quantity of toxic chemical substances (including renewal, replacement, extension, and change of registration documents); 19 registration documents were cancelled.
- (3) Approval documents: In 2019, 431 approval documents were issued to those who

manufacture, import, sell, use, and store a lower quantity of toxic chemical substances (including renewal, replacement, extension, and change of approval documents); 109 approval document was cancelled.

- (4) Approval documents for Class 4 toxic chemical substances: In 2019, 298 approval documents for reference were issued to those who manufacture, import, sell, use, and store Class 4 toxic chemical substances (including renewal, replacement, extension, and change of permits); 63 approval documents for reference were cancelled.
- (5) Submission of transportation slip copies: In 2019, 36,650 transportation slip copies were submitted in accordance with the Toxic and Concerned Chemical Substances Transportation Management Regulations amended and promulgated by the Environmental Protection Administration under the Executive Yuan on January 22, 2020.

2. Operation inspection

Personnel are dispatched to operators' sites to conduct operation inspection on a regular or irregular basis. In 2019, 14 incidents of violating operation inspection were reported.

3. Policy Promotion

The Bureau timely held 8 policy meetings, conferences, group training sessions, and lectures to work in conjunction with the laws related to the Toxic Chemical Substances Control Act and announcements related to toxic chemical substances, in which relevant operators were invited to participate. Said operators responded well to these events, whereby the management of toxic chemical substances was effectively promoted.

Toxic Chemical Substance Disaster Prevention and Rescue Drills

1. 3 sessions of field training regarding toxic disaster response were provided to the toxic disaster joint response team
 - (1) Sharing of toxic disaster rescue practice and cases
 - (2) Toxic disaster rescue drills (use of, introduction to the limits on, and putting on, chemical protective clothing)
2. Simulation exercises were held by the toxic disaster response center, along with toxic disaster prevention and rescue drills
 - (1) Exercises were held by Kaohsiung City's toxic disaster response center.
 - (2) 8 toxic disaster response drills were held.
 - (3) 5 disaster prevention meetings were held.
3. Non-alert testing was conducted
 - (1) Non-alert telephone/fax testing was conducted on 40 facilities.
 - (2) 14 sessions of on-site non-alert testing were conducted.

Management of environmental agents

1. Permits were issued to environmental agent vendors and pest control operators as per the Regulations for Environmental Agent Vendor and Pest Control Operator Permit Application and Issuance formulated by the central competent authority. In addition, an operational inspection and management of environmental agents was performed as per the 2019 Project on Audit of Environmental Agents to establish basic data on the operation of environmental agent vendors. In 2019, the City inspected 3 environmental agent manufacturers, 31 pest control operators, and 9 environmental agent vendors and fined 40 cases of not obeying the rule. An overall inspection of the accuracy and safety of storing, use, and labeling of the City's environmental agents was conducted. The inspection of false, prohibited and poor-

quality environmental agents was strengthened to ensure consumers' safe application and the quality of environmental agents. In 2019, the City inspected 1,352 cases of environmental agents; 33 cases of poor-quality, false, and prohibited environmental agents were found; 12 samples of environmental agents with effective ingredients were tested.

2. To strengthen the promotion of safety use of environmental agents, in order for environmental agent dealers to conduct business as per relevant regulations, a meeting on the laws and regulations related to the safety use of environmental agents for the general public on July 03, 2019. On October 18, 2019, it also held the Bureau held meetings on declaring the using amount of environmental agents for the manufactures, vendors and pest control operators.

Maintenance of Cityscape and Recycling of Resources

1. The City implements an initiative on waste collection, i.e. the 3-in-1 Waste Recycling and Keeping Waste off the Ground. It is planned that recycled waste will be collected by a recycling truck following the garbage truck two days a week, which helps citizens to easily dispose of recycled waste when the waste is collected. It is expected that the appearance and environment of the City can be thoroughly improved with the waste being dumped into garbage trucks directly. In 2019, the household waste volume was 486,442 tons. The average amount of waste collected daily was 1,333 tons, reaching a waste reduction rate of 8.7%.
2. Promoting waste classification and recycling to achieve the sustainable use of resources has been an important issue of environment protection in recent years. Given this, the Environmental Protection Bureau under Kaohsiung City Government plans to promote

various waste reduction and recycling policies, including the extended implementation of 3-in-1 Waste Recycling (the volume of waste recycled per year is 705,727.48 tons and the average volume of waste recycled per month is 58,810.6 tons, with a recycling rate of 57.12%). Moreover, in relation to the policy of commissioning a private organization to handle the Central Government's public affairs, the Bureau has completed the "privatization of scrap car removal" (285 cars and 1,590 scooters were removed in over a year), as well as the outsourcing of recycled waste. Not only do these tasks save personnel costs of the Bureau, but they also save costs on establishing towing storage facilities and recycled waste sorting plants.

3. Inspection results of eliminating mosquito breeding sources

(1) Dengue fever prevention and control:

A. To collaborate with the City Government's Joint Dengue Fever Inspection Squad, inspection of all agencies, schools, groups, and public and private premises in the City is conducted to detect possible dengue mosquito breeding places and to keep the dengue fever mosquito index below the standard value.

B. A letter of rectification within a deadline will be sent to all owners of vacant land with a dirty environment based on the data on vacant land as reported by a District Office, or improvement in the vacant land will be made as per Kaohsiung City Self-Government Ordinance for Environmental

Maintain and Manage. Moreover, the Bureau will dispatch personnel to the vacant land to conduct an inspection on an irregular basis. If no improvement is made, the owner, administrator, or user of the vacant land will be reported and

punished as per relevant regulations of the Waste Disposal Act.

- C. Cleaning Squadrons of the Bureau in different Districts should clean away dengue fever sources mosquito breeding places in Districts where the Breteau index level is greater than 2 and sites where the dengue testing is positive, as provided by the Department of Health. They should also urge owners, administrators, or users to eliminate mosquito breeding sources, in order to prevent dengue fever.
- D. The Deputy Mayor, the Department of Health, the Environmental Protection Bureau, and the Civil Affairs Bureau of Kaohsiung City Government, as well as heads of various Districts, shall urge residents of various villages to clean up areas where the dengue fever mosquito index is greater than 3, and eliminate mosquito breeding sources.
- E. In 2019, there were 58 confirmed domestic cases. The suspected and confirmed cases shall be reported to the Centers for Disease Control under the Ministry of Health and Welfare or the Department of Health under Kaohsiung City Government. In addition, a district command center should be established by the local district office in coordination with relevant health, environmental protection, civil affairs, and police departments to carry out 3-in-1 prevention and control, in order to prevent further spread of the disease.

(2) Results of the 2019 dengue fever prevention and control:

163,560 people participated in the operation; 15,872 organizations were inspected to eliminate mosquito breeding sources; 10,730 lots of vacant land were cleaned; 2,567,096 containers were cleaned; 32,540

waste tires were removed; 5,213 places where mosquito breeding sources were not removed were reported; insecticides were sprayed on 55,064 breeding places; 3,553.2 kilograms of insecticides were used; 12 promotional and educational sessions were held.

Disposal and Management of Industrial Waste

1. Current Situation

According to the promulgations by Environmental Protection Administration of the Executive Yuan, the enterprises which should submit the industrial waste clearance plane to Responsible In 2019 agencies were about 3,357 firms in Kaohsiung City 11,931 tons of industrial waste was produced per day, including 744 tons of hazardous industrial waste per day. Industrial waste managements are categorized into four clearance methods. During this year, there were 458,229 tons industrial waste managed by Commissioned & Joint clearance and disposal method, 268,215 tons managed by Self clearance and disposal method, 2,755,744 tons managed by reuse mode, and about 2,085 tons managed by export treatment. In the management of publicly or privately owned waste management organization, there were 652 waste clearance organizations.

2. Major working items and their effectiveness

- (1) According to the regulation which the enterprises should submit the industrial waste clearance plane, there were 2,249 cases requesting for examination for the year.
- (2) According to the regulation which the enterprises should submit the completion of being staffed with professional technical personnel, there were 452 persons being controlled.
- (3) Carry out on-the-spot inspection work of enterprises: Depending on different enterprises,

inspecting work was executed infrequently by examining the situation of industrial waste storage, clearance, treatment and reuse. This year there were 1,534 cases inspected and 762 cases accused according to Waste Disposal Act, and imposed fine amount of 16,894,000\$NT.

- (4) Management of industrial hazardous waste export permit: there were 7 permits in this year.
- (5) Cooperate with District Prosecutor's Office, the 3rd Squadron of Environmental Police Unit to work together with Southern Branch, Bureau of Environmental Inspection for executing joint inspection of the offence of public hazards, so as to effectively deter unscrupulous firms who may damage the environment with arbitrarily unlawful dumping. 80 executions were performed in 2018, in which 24 cases were transferred to the 7th Special Police Corps, National Police Agency for law enforcement.

Disposal and Management of General Waste

1. Current situation

Following the paces of industrialization, Kaohsiung City is naturally found to have the life culture of general typical metropolitan area. There are a great deal general waste created during each time and space. It is an important issue to reuse waste to make environmental ecology sustainable. We especially take the waste disposal as the important administrative program of the city. The daily output of waste of the city is about 4,000 tons (including 2,500 tons of household garbage and 1,500 tons of industrial waste). Under the limited conditions of resources, the use and consumption of resources seem more valuable. Therefore, the modernized and new waste disposal concept is established on the structure of sustained development and reuse of resources.

2. Major working items and their effectiveness

- (1) Treatment of Nightsoil:
In 2019 the treatment capacity of nightsoil handled 73,006 tons.
- (2) Treatments of Sewage Sediments:
In 2019, the Da-Liau Landfill had treated 23,603 tons of sewage sediments.
- (3) Treatment of Ashes
In the years of 2019, Yan-Chau Landfill Plan Site appropriately provided the city with a disposal site handling the ashes which was produced by the City's Central, Southern resources recycling plant and Gangshan, Renwu incineration plant. The ashes had been treated 104,240 tons. Handling Luzhu district landfill activation project, estimated to provide 240,000 cubic meters of landfill space.
- (4) Incinerator Ashes Reuse:
In coordination with the Environment Administration of the Executive Yuan, the primarily strategy is reusing and secondary tactics pursue the final disposal site by the zero waste policy. In order to reduce capacity demands of burial plant, extend the burial plant service term and prevent environment polluted once again. Since 2019 incinerator Ashes Reuse executed ashes reusing already accumulative totally, 154,228 tons. In order to enhance the feasibility of using renewable incineration granules in engineering, we plan to authenticate the quality of 5 CLSM pre-mixed concrete plant.

Environmental Education

1. Promoting environmental education

Environmental education is promoted in places under the jurisdiction of Kaohsiung City, of which school, social and environmental education, climate change, disaster prevention, nature conservation, prevention and control of public

hazards, environmental and resource management, cultural preservation, and community participation are characteristic. As of the end of December 2019, guidance had been provided to 18 facilities, which obtained environmental education facility certifications from EPA; they included: Chouchai Wetland Park, National Science and Technology Museum, By Wood Artspace, Kaohsiung Metropolitan Park, Chengcing Lake Water Education Center, Takaohill Ecology Education Center, Dashu Wastewater Treatment Plant, Kaohsiung Science Park Wastewater Treatment Plant, Shoushan National Nature Park, Dashu Old Railway Bridge Wetland Park, Maolin Environmental Education Center, the Central Waste Recycling Plant of the Environmental Protection Bureau under Kaohsiung City Government, Coastal Campus of NSYSU, CPC Kaohsiung Refinery Environmental Education, Reclaimed Water Demonstration Park of NEPZ, Qiaotou Sugar Factory Cultural Park, Kaohsiung City Yanchao Shelter and Kaohsiung Tzu Chi Jing Si Hall.

2. Promoting the environmental protection volunteer program

Private sector resources are fully integrated to encourage volunteers to promote environmental protection, and establish environmental protection volunteer teams. As of the end of December 2019, 693 environmental protection volunteer teams totaling 27,830 people were registered with the Bureau. In 2019, foundation, special, and capacity building training was provided; 13 sessions of training were carried out, in which 1,812 people participated.

3. Promoting the environmental protection volunteer program

Private sector resources are fully integrated to encourage volunteers to promote environmental protection, and establish environmental protection volunteer teams. As of the end of December 2018, 668 environmental protection volunteer teams

totaling 26,941 people were registered with the Bureau. In 2018, foundation, special, and capacity building training was provided; 18 sessions of training were carried out, in which 1,901 people participated.

Environmental Impact Assessment

1. The legalization of the Environmental Impact Assessment System is strongly promoted by the Legislative Yuan and the Environmental Protection Administration under the Executive Yuan. On December 30, 1994, the Environmental Impact Assessment Act was promulgated and put into effect. On October 25, 1995, the Environmental Impact Assessment Act Enforcement Rules was promulgated and put into effect. It is hoped that the implementation of the Act and the Enforcement Rules can help to achieve the goals of environmental protection and economic development at the same time. By taking environmental factors into consideration at the stage of planning various development projects, the objective of sustainable operation and development can be achieved.
2. The City actively promotes various economic development projects. Preventing pollution is an important issue of environmental protection in the City. To effectively prevent and mitigate the impact of the major development activities in the City, such as the building of factories, traffic construction, entertainment facilities, sports facilities, construction of cultural and educational institutions, medical facilities, skyscrapers, environmental protection construction projects, etc., the Environmental Protection Bureau under Kaohsiung City Government established an Environmental Impact Assessment Review Committee in accordance with the Charter of the Environmental Impact Assessment Review Committee of Kaohsiung City Government, the Environmental Impact

Assessment Act and relevant regulations. It was hoped that an advanced open and fair review and assessment of development activities can result from the participation of experts and scholars, as well as civil society. Also, supervision will be provided and an audit conducted at the construction and operation stages of various development projects to ensure the maintenance of the City's environmental quality. To adapt to an increase in the number of environmentally sensitive areas after the consolidation of city and county governments, as well as to elicit opinions from people in various industries regarding Environmental Impact Assessment cases, the approach taken by the Environmental Protection Administration under the Executive Yuan was followed: An ad hoc task force on issues related to the cases was formed, a preliminary review meeting was held, and guidelines governing the preliminary review meeting of the task force were formulated to make environmental impact assessment reviews more comprehensive.

3. In 2019, 37 applications for a review and 184 applications for supervision of environmental impact assessment were received.

Greenhouse Gas Reduction, Energy Saving, and Carbon Reduction

1. The GHGs net emission in Kaohsiung City reached 58.14 million metric tons CO₂e in 2018, delivering a 12.09% reduction compared with 2005 levels. The highest rate was from the industrial sector, which accounted for 83.35% among all emissions; followed by residential and commercial buildings, agriculture, forestry and fisheries sectors, and transportation sectors, which contributed to 8.82% and 7.05% of total emissions respectively. Since 2013, the Kaohsiung City Government has formulated carbon reduction strategies for manufacturing, residential and commercial buildings, transportation, agricultural and waste sectors. The first phase of the "Greenhouse Gas Regulatory Implementation Plan" was established at the end of 2018 in accordance with the "Greenhouse Gas Reduction and Management Act", and approved by the Environmental Protection Agency in May, 2019, for achieving the objectives of being a sustainable and low-carbon city.
2. 2019 International Exchange on Environmental Protection:
 - (1) From June 18th to 25th, Kaohsiung City Government delegation participated in the "ICLEI Resilient Cities 2019" in Bonn, Germany. And gave presentations titled "Living in Harmony with Water" and "Green City in Transformation: Adaptation and Mitigation Actions in Kaohsiung".
 - (2) From June 18th to 25th, Kaohsiung City Government delegation participated in the "Seoul Mayors Forum on Climate Change 2019 and ICLEI East Asia RexCom". And share what Kaohsiung is doing in response to extreme weather.
3. Promoting the implementation of green procurement in agencies, as well as private enterprises and organizations: The Bureau provided guidance to private enterprises, villages and communities, as well as private universities on signing the Green Procurement Agreement. 279 units declared green procurement, and the annual purchase amount was NT\$3 billion. Besides, green shops in the City sold green products worth more than NT\$4 billion. 97 green consumption activities were held, with 69,686 participants.
4. The Bureau cooperates with EPA on the Environmental Point Collection activity. Citizens of Kaohsiung City can acquire green points by using C-Bike and ARM. There are 16,916 people participated in this activity.

Environmental Inspection

1. Current Situation

There are 107 staffs in the Environmental Inspection Division of Bureau of Environmental Protection in the City Government. Of them, Field inspection Group (53 staffs) was divided into 3 District Patrol Divisions and one Water Pollution Patrol Divisions ,and one Tap Water Sampling Division according to the administrative districts. Each of the divisions had 3 auditors equipped with patrol car, wireless communication, auditing equipment, etc. Focusing on the public's complaints, air pollution, noise pollution, and water pollution etc., they go to the spot to inspect the situation within the shortest period of time. For those serious cases, the violators are advised to improve and even accused immediately.

2. Major working items and their effectiveness

(1) Auditing and Investigation of Violating Behaviors against Environmental

Hygiene To maintain a clean and tidy appearance of the city and eliminate the dirtiness and untidiness, from Jan. to Dec. 2019 there were 248,013 violating cases of environmental hygiene, of which 33,781 cases were charged for violation of regulations.

(2) Auditing and Investigation of Violating Behaviors against Air Pollution

Control Law To maintain the air quality of the city and control the emission of pollutants caused from the fixed air pollution sources, any dust flying in the process of construction work and transportation, or any air pollution caused by the behaviors of burning, smelting, refining, cutting, etc., then from Jan. to Dec. 2019 there were 13,860 air pollution cases, of which 233 cases were charged for violation of regulations.

(3) Auditing and Investigation of Noise Pollution Cases

To prevent any noise of factories (worksites),

entertaining places, business places, construction projects, amplifier facilities, etc. from exceeding Noise Control Standards, Bureau of Environmental Protection would report any noise exceeding the control standard of the restricted district was created in accordance with law, and inform the noise creator to improve within a limited period. If no improvement was made upon expiration of the period, or the noise still exceeds the control standard after improvement, the noise creator would be charged and punished until a complete improvement was done. From Jan. to Dec. 2019 there were 9,886 noise control cases audited, of which 105 cases were charged for violation of regulations.

(4) Auditing and Investigation of Violation of Water Pollution and Drinking

Water Management to prevent the emitted waste (dirty) water of business organizations from exceeding Water Emission Standards, the auditing staff of Bureau of Environment Protection went to various kinds of factories to make inspections every month. If the inspection value of water sample exceeded Water Emission Standards, the business organization concerned would be charged and punished, and informed to improve within a limited period. If no improvement was made upon expiration of the period, the business organization would be punished day by day. From Jan. to Dec. 2019 there were 4,117 water pollution cases audited, of which 235 cases were charged for violation of regulations.

(5) Implementation Effects of Case Reporting Center

Environmental Protection Case Reporting and Servicing Center of Bureau of Environmental Protection offers 24-hour service, receiving the cases reported of violation of environmental hygiene, air pollution, noise pollution, water pollution, etc. From Jan. to Dec. 2019 there were 30,284 complaints from the public.

VIII. Public Safety

Public security related work

1. Criminal case analysis

- (1) General crimes (including violence, theft, and others): In 2019, there were 27,665 criminal cases known to the police, 26,092 cases were cleared, giving a clearance rate of 94.31%. As for 2018, there were 28,316 criminal cases known to the police, with 26,480 cases cleared, and a clearance rate of 93.52%. Together, the clearance rate increased by 0.79% from 2018 to 2019.
- (2) Violent crimes (including robbery, forceful taking, murder and non-negligent manslaughter, kidnapping, intimidation and extortion, aggravated assault, forcible rape): In 2019, there were 90 violent crime cases known to the police, 89 cases were cleared, and the clearance rate was 98.98%. As for 2018, there were 106 criminal cases known to the police, 104 cases were cleared, and the clearance rate was 98.11%. Taken together, the clearance rate increased by 0.78% from 2018 to 2019. For forceful taking, the most commonly complained type of case by the public, there were 26 cases known to the police in 2019, but in the same year, 24 cases were cleared, resulting in a clearance rate of 92.31%. In 2018, on the other hand, there were 44 of such cases known to the police and 46 cases were cleared, resulting in a clearance rate of 104.55%. Together, the clearance rate decreased by 12.24% from 2018 to 2019.
- (3) Theft (including general, serious, vehicles, and motor scooters): In 2019, there were 4,805 theft cases known to the police and 4,770 cases cleared, resulting in a clearance rate of 99.27%. As for 2018, there were 5,431 theft cases known to the police and 4,994 cases cleared, resulting in a clearance rate of 91.59%. Taken together, the clearance rate increased by 7.32% from 2018 to 2019.
- A. In 2019, 6 major thefts were seized (26 suspects), and normal thefts (including general and housing theft) were 3,903 cases (3,787 suspects).
- B. Vehicle theft: In 2019, there were 140 vehicle theft cases known to the police and 138 cases cleared, resulting in a clearance rate of 98.57%. In 2018, there were 227 theft cases known to the police and 176 cases cleared, resulting in a clearance rate of 77.53%. Taken together, the clearance rate increased by 21.04% from 2018 to 2019.
- C. Motor scooter theft: In 2019, there were 650 motor scooter theft cases known to the police and 723 cases cleared, resulting in a clearance rate of 111.23%. In 2018, there were 1,121 of such cases known to the police and 1,105 cases cleared, resulting in a clearance rate of 98.57%. Taken together, the clearance rate increased by 12.66% from 2018 to 2019.
- (4) Fraud: In 2019, there were 2,560 cases of fraud known to the police and 2,339 cases cleared, resulting in a clearance rate of 91.37%. In 2018, there were 2,572 fraud cases known to the police and 2,739 cases cleared, resulting in a clearance rate of 106.49%. Taken together, the clearance rate decreased by 0.47% from 2018 to 2019.



Commissioner awarded to bank teller who preventing fraud

- (5) Illegal firearms: In 2019, a total of 148 firearms were seized and identified to be lethal. This number was less than 232, the target value of 2018.



Outstanding performance of the national synchronous inspection of illegal firearms projects

- (6) Investigating drug abuse

A. Kaohsiung City Police Department has continued to work on the drug bust program of the NPA, Ministry of the Interior. Aside from drug interdiction, the police also targeted the eradication of drug production, shipping, and trading by investigating and cracking down on the source of drugs.

B. Kaohsiung City Police Department and Prosecutor Office of Kaohsiung City District Court collaborated in implementing the project “Cracking down on drug trafficking distributors and retailers”. In order to halt the increase in initial drug users and reduce drug threats and related crimes in communities, the criminal investigation corps and Kaohsiung City’s police precincts have each set up a drug bust team to crack down on drug trafficking distributors and retailers to destroy drug supply chains and networks.



Meritorious staff of anti-drug awarded by the Executive Yuan

C. In 2019, a total of 1,747 cases cleared were related to Class A drug manufacturing, trafficking, usage, or possession, where 1,942 people were arrested and 11.86 Kg of drugs were seized. A total of 2,793 cases cleared were Class B drug manufacturing, trafficking, usage, or possession, where 3,065 people were arrested and 88.73 Kg of drugs were seized. For Class C and D drug manufacturing (Criminal cases), trafficking, usage, or possession, there were 155 cases cleared, where 181 people were arrested and 1217.83 Kg of drugs were seized.

- (7) Cracking down on street gangs: In 2019, the gangs prevention project has cleared 27 targeted cases (237 people) and cracked down on 82 gangs (710 people).



Results of investigations on the implementation of a nationwide simultaneous anti-gangster project

- (8) Other achievements

A. The police cracked down on 118 cases (496 people) of pornographic activities, and 135 pornographic advertisements were banned.

B. The police enforced the law against 9 gambling video game cases (28 people), 208 gambling video game machines and gambling money of NTD 517,326 were seized.

C. The police cracked down on 236 large profit-making gambling facilities (1,658

people) and 101 general gambling offenses (702 people).

- D. The police arrested 4,902 escapees of various offenses.
- E. Illegal immigrant investigation: A total of 181 runaway foreign workers were arrested, and 413 cases of crimes committed by foreigners (536 people) were cleared.

2. Crime prevention achievements

- (1) Building a community security network, setting up electronic community security systems, and implementing security and surveillance camera purchases and integration (including the setup, maintenance and operation, and the purchase of security and surveillance cameras) project:
 - A. Replacing 704 cameras of surveillance system which used more than 8 years and introduce immediate vehicle plate intelligent recognition system, which will be finished in 2019, May.
 - B. To broaden surveillance system, extending 395 cameras with career feedback money and society resource.
 - C. Bought 264 cameras (33 sets) of mobile surveillance system, providing precincts to cope with varieties of security and investigating special cases.
 - D. In the 2019 surveillance system maintenance funding is 53,625,000. For surveillance cameras with an expired warranty at police precincts, each police precinct was authorized to request for tenders to increase repairing efficiency.
- (2) Community security patrol team recognition ceremony: In 2019, a total of 474 community security patrol teams were registered for assisting the police force, and after a careful evaluation, the police department and precincts selected 280 community security patrol teams demonstrating impressive

performance: 55 teams with excellent performance, 86 teams with great performance, and 139 teams with good performance. A public recognition ceremony was held for these teams, and each team was awarded a work subsidy.

- (3) Assisting communities applying for the Ministry of the Interior's secure community building subsidies: In 2019, 43 village and community security patrol teams were assisted in applying for the Ministry of the Interior's subsidies (NTD 80,000 per team) for purchasing security patrol equipment and paying for other related matters. Together, a total of NTD 3,400,000 was received from the Ministry of the Interior.
- (4) Building community security
 - A. Emphasis on community security meetings:
 - In 2019, a total of 275 community security meetings were held, and 18,858 people attended these events. Community security meetings allow police acquire suggestions and comments from the general public, and the feedback collected was responded to accordingly. In these meetings, the police also worked on making people more aware of anti-fraud, anti-theft, scooter marking, anti-family violence, and disaster prevention policies.
 - B. Holding community security seminars and field visits: "2019 Community Security Seminar and Field Visit" was held to facilitate community security, and there were total of 250 participants, strengthening the communication and coordination system, establishing a pluralistic partnership, utilizing manpower and resources effectively, and supporting sustainable community operations.
 - C. Performance on community security patrol:
 - In 2019, these teams assisted the police in clearing 28 criminal cases and arresting 30 suspects.

(5) Kaohsiung Police Department set up “Kaohsiung Police Fan Group”: Kaohsiung Police Department set up a line group through LINE Taiwan Limited in 2018. The group send message including newest fraud method, missing persons bulletin, crime prevention, women and children criminal cases and traffic condition to Kaohsiung civilians. The message promote the civilian’s concept of self-protecting. Police advertise in many occasions, the posts are 365 until 31st December, 2019. The number of friends is 10,412.

(6) Emphasis on healthy adolescent development:

A. Juvenile delinquency statistics

In 2019, there were 1,067 juvenile delinquents (876 males and 191 females), either ruled by the juvenile court to be registered for supervision or had breached laws, and these juvenile delinquents accounted for 3.41% of all criminals. Most of their offenses were theft (313 people, 29.33%), followed by fraud crime (189 people, 17.71%), and assault (111 people, 10.40%).

B. Visits and counseling: An intensive monitoring and counseling project toward “violence (e.g. homicide, robbery, abrupt taking and rape)”, “grouping (e.g. street racing, fraud group, gangsters) and “addiction” (e.g. drug abuse and drug-related crimes). The project targeted 207 juveniles (168 males and 39 females) registered for supervision in Kaohsiung City in 2019 was planned and implemented.

C. More intensive cracking down on objectionable facilities: In 2019, a total of 408 spot check actions were implemented, and a total of 1,196 juveniles with deviant behavior were corrected and registered.

D. Tracking and visiting dropout students: A dropout student roster has been established for implementing individual tracking and

counseling to help dropout students go back to school, prevent them from going astray, and to correct their deviant behavior. In 2019, a total of 545 dropout students were found.

E. Continuing the Juvenile Crime Prevention Program: In 2019, the Kaohsiung City Police Department collaborated with the Department of Social Welfare, Department of Education, Bureau of Tourism, and many public welfare-oriented organizations in organizing various non-profit events, including “Anti-Drug Journey to Happiness”, “Anti-Drug Little Hero League”, “Anti-Drug, Anti-bully, Egalized”, “Creative Songs ‘New World’ of Anti-Drug Dance Presentation”, and many others. Together, a total of 1,161 youth protection and coaching activities and events were held, and 229,873 people participated in these activities and events.



Campus propaganda

(7) Whole heart protect women and children safety

A. Raising women and children safety awareness: personnel were assigned to visit communities for raising awareness for women and children safety. In 2019, a total of 200 sessions were held, and 52,004 people participated in these events.



Women and children care propaganda

- B. Implementing the children protection project: Children protection services are now incorporated into the Kaohsiung City Elementary School Patrol Program to protect elementary school students on their way to and from school. In 2019, a total of 10,552 female police volunteers participated in the service.
- C. Sexual assault prevention: In 2019, there were 350 cases of sexual assault and 342 of them were cleared, resulting in a clearance rate of 97.71%.
- D. Domestic violence prevention: In 2019, a total of 10,950 cases of domestic violence were received, 1,636 cases applied for a protection order, and protection orders were executed in 2,110 cases.
- E. Constructing a community-based domestic violence prevention system:
Building a happy community with the family protection ambassador: Apartment and condominium security guards and management personnel are incorporated into the domestic violence prevention network. Any high-risk families or domestic violence or child abuse cases detected should be immediately reported for timely assistance. The case reporting system has also been enhanced to make domestic violence prevention more comprehensive.
- F. Implementing the domestic violence and child abuse high risk family screening and reporting system: In 2019, there were 311 high-risk families reported.
- (8) Continuing the effort in community auxiliary police: Presently, there are a total of 209 auxiliary police officers assisting in the police's community security patrol after midnight (from 12:00 to 6:00 AM). The auxiliary police officers in 2019 discovered a total of 2 cars and 26 motor scooters. In 2019, during the duty time (from 12:00 to 6:00 AM) of auxiliary police officers, there were 289 theft cases known to the police, which is a decrease of 4.6% (or 14 cases).
- (9) Radio taxi businesses and security guard companies in public security collaboration: Kaohsiung City radio taxi businesses (9 radio stations and 3,146 taxis) and security guard companies (104 companies, 13,174 security guards, and 270 security and patrol cars) have been coordinated to give assistance in cracking down on criminals. In 2019, a total of 7 criminal cases (12 people) were cleared with their help.
- (10) Reducing recidivism further: The police worked on domiciliary visits to subjects who needed to take urine tests and to collect their urine samples to increase the test rate. For recidivists of serious crimes and theft, more aggressive action was taken for application for custody. In 2019, custody applications were approved for 30 people. Furthermore, for 6,437 people in Kaohsiung City posing threat to public security, dynamic visits and static data establishment were implemented to keep track of these people and to reduce recidivism.
- (11) Enhancing DNA filing and comparison: In 2019, there were 1,294 people who were expected to have their DNA filed, and 1,294 had their DNA filed (100% implementation rate). For the first half of the year, the team in charge of the task was excellent performance evaluation which is eligible for being awarded, rated by the Police Agency (as for the second half of the year, the appraisal has not yet been completed yet). In 2019, the Kaohsiung City Police Department

not only carried out DNA filing but also compared these DNA information with DNA evidence collected from criminal sites and kept by the Criminal Police Department, and DNA matching was found in 115 people and for 115 cases.

3. Providing more services to the public

(1) Police overall performance approved by Kaohsiung City residents: According to the “Survey About Public Satisfaction on Public Security” conducted by the Police Agency of the Ministry of the Interiors, for the first half of the year in 2019, the police service satisfaction rate was 88.25%. This finding shows that the public approved of the overall performance of the police.

(2) Collaborating with the “Urgent Disaster Relief Project” of Ministry of the Interior: In 2019, 6,799 cases were reported, and they were all approved by the respective district office, and a total of NTD 27,139,600 was released to help these cases.

(3) Police volunteer service: There were 2,602 volunteers helping the Kaohsiung City Police Department, and in 2019, they visited communities 38,401 times, offered assistance to victims 24,386 times, participated in 5,505 emergency relief cases, and offered help in many other public services 128,267 times.

(4) Other achievements from serving the public:

A. The 110 case reporting station of the duty command center of Kaohsiung City Police Department received 715,134 cases reported by local residents by phone, and among these cases, 500,668 cases were valid, 214,466 cases were requesting for counseling service, 691 cases were reported online, 2,718 cases reported were cleared immediately by police on duty, and 2,911 people were arrested and brought to justice.

B. A total of 2,470 missing people were

found (2,052 people from this jurisdiction and 417 people from other jurisdictions). Their families were contacted to bring them home. There were 98 people applied for “safety bracelet” in Kaohsiung City.

C. One-stop window: In 2019, 1,061 cases were transferred from other jurisdictions to this jurisdiction, while 1,239 cases were transferred from this jurisdiction to other jurisdictions.

D. There were 576 cases receiving the house security reinforced service for houses whose residents were away.

E. Kaohsiung City Police Department handled ds submitted to the Premier, ministers of the Ministry of the Interior and the Policy Agency, and the mayor of Kaohsiung City, as well as petitions submitted to the police email box and the public petition mailbox. In 2019, a total of 416,798 petition cases were handled.

F. There were 5,994 cases where the mobile police station offered the public instant security services.

G. The mounted police unit was invited to participate in parades or for equestrian performances 27 times, and the unit provided the public with services 16,904 times.



The mounted police support activity

H. There were 81,551 cases of applications for police criminal record certificates

Fire Prevention

1. Fire prevention promotion

- (1) Usually, fire stations sent firefighters to institutions, schools, buildings, factories, and household to promote fire and disaster prevention, fire and power use, and disaster escape drill. Furthermore, the Fire Bureau established “Fire Prevention Promotion Volunteer Team” deep into communities to promote fire prevention awareness as to reduce disaster cases.



Promoting deep into schools to raise fire prevention sense and reduce fire.



Promoting deep into residence to raise fire prevention sense and reduce fire.

- (2) To reduce the frequency of electrical appliance disaster and enhance power use safety, promoted measures of domestic disaster check, mainly aimed to old communities and buildings.



Promoting fire prevention check for residence.

- (3) To prevent the senior and disabled from being killed in fire, the Fire Bureau enhanced directing the senior about fire safety in household to establish a safe living space.



Instructing fire-safety concepts to aged persons in household.

- (4) To promote the fire prevention ability of houses which are legally unsetting individual fire alarm, and insure people safe, the Fire Bureau inspire and promote people setting individual fire alarm for each house through fire promotion activities and lecture.



Individual fire alarm for each house.

2. Fire prevention management

- (1) To educate the proprietors the concept of “protect your own properties” to achieve the purpose of “ensure life, protect property”, the city practiced “the System of Fire Prevention Management” of public buildings since 1996.
- (2) According to article 13 of the Fire Services Act, conducted fire prevention management and self-defense team training, aimed to a certain scale public buildings, and above 11th floor, substructions, and constructions appointed by central government. It is beneficial to the city’s fire prevention.



Instructing the certification of fire drill and escape.

- (3) According to “Self-defense Team Adaptability Certification Rule”, periodically processed self-defense team certification, aimed to “shelters”, “high-rise compound buildings”, “large-scale fields (over 3000m²)”, “hotels (over 3000m²)”.

3. Fire safety equipment inspection

- (1) According to Article 10 of the Fire Services Act, after receiving the construction license and before the commencement of construction, public buildings should apply to Fire Bureau for the examination of the layout of fire safety equipment. According to Article 72 of the Building Act, after the completion of construction, these buildings should apply for the usage license inspection of fire safety

equipment.

- (2) System of Reporting Regular Inspection and Maintenance of Fire Safety Equipment: According to Article 9 of the Fire Services Act, for sites that should be equipped with fire safety equipment, management should regularly appoint professional fire prevention technicians or professional inspection and maintenance institutions to implement the inspection and maintenance of fire safety equipment, and then submit the inspection and maintenance results to the Fire Bureau within a specified time. Subsequently, the Fire Bureau shall send officials to review the service results to ensure normal functioning of the fire safety equipment.



Inspecting fire-safety equipment.

4. Flame Resistant System

To avoid the fire sources spreading out, buildings over 11 stories, substructions, and the curtains, cloth screens, and carpets designated by the central authorities must be made of “flame-retardant material” with appropriate signs attached in order to practically fulfill the fire prevention policies, decrease the loss of human life and property, and ensure public safety.



Checking flame-resistant material.

5. Hazardous Material Management

(1) Public Hazardous Material Management

There are many hazardous material plants in Kaohsiung City, and plants safety is always paid much attention. To manage hazardous material so as to maintain public safety, the Fire Bureau enacted “Enhancing Fire Prevention and Safety Inspection Plan of Public Hazardous Material Factories in 1919”, and sent to Corps, Squadrons, and stations aiming at 273 public hazardous material factories to fulfill safety inspection (164 factories of over than 30 times of control quantity, and 109 factories less than 30 times of control quantity). According to “Fire Inspection Notes”, factories over than 30 times of control quantity should be inspected once half a year. The inspection result in 1919: there were 404 factories over than 30 times of control quantity, of them, 37 not conforming to rules (including 33 fire safety equipment reported, and 12 asked to improve in limited time). 116 factories less than 30 times of control quantity were inspected, of them, 8 factories not conforming to rules (including 8 reported, and 1 asked to improve in limited time).

(2) Fireworks Management

In densely populated area, the problem of shooting fireworks is crucial, concerning of

safety, noise and air pollution. For the old problem, the Civil Bureau of Kaohsiung City established line group of religious activities, invited related personnel to the group. Related Bureau reported religious activities each other. First, District Offices make promotions, then other Bureaus make joint promotion to prevent illegal. Since the line group was established, the efficiency is obvious. The Fire Bureau will continuously follow the measure to enhance external sections to promote related laws, and penalize violation so as to maintain public safety.

The Fire Bureau set “Inspection Plan of Enhancing Fireworks Factories’ Safety in 2019”, and fulfills fireworks safety management. There is no fireworks manufacturer and storage in Kaohsiung City. Listed fireworks vendors such as general stores and incense stores exist 345. Inspection is fulfilled once half a year even not reaching to control quantity. In 2019, 766 factories were inspected. The banning result is: 1 unapplied for shooting fireworks, 1 loading in fireworks without reporting, 3 shooting fireworks over 10:00 at night, 6 for not following description, 1 for not storing in unqualified equipment, 2 for not insured. The Fire Bureau and Ocean Affairs Department seized 4 for not storing in legal area, general fireworks 11.2 tons, professional fireworks 5.9 tons. The quantity is the most within 3 years, efficiently protecting public safety.

Disaster Rescue Operations

1. “119” Dispatch Center is operated 24-hour to deal with phone calls reported by the public. When a fire or other disaster is reported, the center will dispatch the nearest fire station to rescue immediately.
2. In 2019, there were 4,084 fires occurred, dispatched 44,511 person-time, 17,187 fire trucks; 131,788 emergency medical cases. Others: 4,326 snake-catching, 445 animal-rescue, and 327 trapped.

3. In 2019, civilians and charities donated 17 ambulances, 1 disaster investigation vehicle, 15 Mechanical Chest Compression Device, 22 12-Lead Resting Electrocardiograph, various first aid training models, and ambulance disposable supplies. It saves NT\$62,334,573 and is beneficial to the emergency medical services.



Kind citizens and charity donated ambulance.



Kind citizens and charity donated ECG machine.

4. To improve survival rate of OHCA, the Fire Bureau equips every ambulance with Automated External Defibrillator (AED), Supraglottic Airway (SGA) and enhancing the emergent rescue and senior skill of EMT. In 2019, they rescued 2,053 OHCA patients. Of them, 540 recovered heartbeat and breath, with survival rate of 26.3%, 59 recovered.



Enhancing the emergent rescue and senior skill of EMT.

5. To shorten the operation time of rescuing AMI patients, the Fire Bureau settled 97 wireless image transfer 12-Lead Resting Electrocardiographs (EKG) with the function of automatic reading and transmission for 51 stations. When carrying AMI suspicious patients, the EMT conform through machine reading, then inform 119 Center to notify the hospital and transmit patients' electrocardiogram for preparing. It can shorten the time of oxygen shortage and raise the survival rate. In 2019, EKG was used in 929 cases, and 53 of them were successfully operated heart surgery.



Check patient with wireless image transfer 12-Lead Resting Electrocardiographs (EKG) with the function of automatic reading and transmission.

- The “Rescue Record Action Informationization Project” won 2018 National Excellent Ambulanceman Group Award by National Fire Agency. Attending the 7th National endotracheal intubation and CPR+AED competition won merit award in the endotracheal intubation and CPR+AED with excellence performance.



Attending the 7th National endotracheal intubation and CPR+AED competition won merit award in the endotracheal intubation and CPR+AED with excellence performance.

- Set up the “Mid-term Plan of Fulfilling Fire Vehicles” in order to replace the dated vehicles year by year. The Fire Bureau arranged NT\$ 34,818,000 budgets in 2019 to purchase 1 aerial ladder fire-fighting truck to improve the shortage of fire trucks and reduce the old ratio. Besides, arrange budget NT\$16,655,700 and use donation to purchase disaster and water rescue equipment to enhance the rescue efficiency and protect civilians.
- The Search and Rescue Squadron owns 5 search and rescue dog instructors and 7 SAR dogs identified by IRO. Usually the squadron helps other city’s fire bureau and non-governmental groups to train SAR instructors, so as to promote domestic SAR dog quality and standard of disaster rescue operation. Besides, the squadron helps Animal Protection Office for school-promoting of life care education-understanding rescue dog, and positively promoting Taiwan’s rescue dog affairs as well. Conducting promotion to 24

schools and 3000 persons were attended and got praise.



Conducting promotion to schools and got praise.

In 2019, the search and rescue dog training center attended 2 times of rescue dog international testing. One is “2019 National Disaster Rescue Dog IRO International Testing” conducted by Fire Agency on Feb 20-22, and the other is IRO Rescue Dog International Testing on Mar 11-15 which also invited the director-general 村瀨英博 of RDTA Japan. 4 passed middle rank and 1 basic.



The search and rescue dog training center passed identification of IRO.

The Fire Bureau signed corporation agreement with SAR Training Association of Japan RDTA and had long time deep friendship with each other. The director-general 村瀨英博 gave a great German shepherd dog to the Fire Bureau to improve rescue dog fighting strength.



The search and rescue dog training center was given a German shepherd dog.

As the positive image of rescue dog, Bao-chin Tar Company and Chin-du Construction

Company donated 5 pups, Pulo, Porter, Pass, Bo 妞, and Parker as to foster.



Bao-chin Tar Company and Chin-du Construction Company donated 5 pups.



Overview of Kaohsiung City Administration (2019)

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