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Tianjin Basic Facts 2018

China Intercontinental Press

Tianjin Basic Facts 2018



-  City flower: Chinese Rose
-  City tree: Chinese Ash
-  Area: 11,916.9 km²
-  Population: 15,569,000



The map information is for reference only, not as basis of any administrative demarcation or measurement.

Tianjin Basic Facts





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Wetland in Binhai



History and Geography

Establishment of Tianjin

Modern Tianjin

Geology and Landform

Advantageous Location



Lu He Du Yun Tu, a Chinese painting that depicts the lives of people along the Luhe River in Tianjin (Partial)

Establishment of Tianjin

The name of Tianjin, meaning “the Emperor’s Port”, came into being in the Ming Dynasty (1368-1644).

The area of Tianjin first appeared in historical documents in the Tang Dynasty (618-907) as San Hui Hai Kou (literally “estuary of three rivers”).

Adjacent to the sea and rivers, Tianjin enjoys distinct geographical advantages. After the opening of the Beijing-Hangzhou Grand Canal in the Sui Dynasty (581-618), Tianjin became an important node between the canal and the sea, hence a hub of waterway transportation. Tianjin has played a significant role in the economic exchanges and development between the North and South of China.

After the middle period of the Tang Dynasty (618-907), Tianjin became a hub for the transportation of grain and silk from the south to the north. The establishment of Zhiguzhai in the Jin Dynasty (1115-1234) and Haijin Town in the Yuan Dynasty (1206-1368) demonstrated both Tianjin’s military significance and its role as a center of grain transportation.

In 1400, Zhu Di led his army southward across the river through what is Tianjin today and seized power in 1403, when the reign was changed to Yongle. In 1404, Tianjin was established as a military base. In 1405 and 1406, 2 garrisons (*wei*) were deployed on the left and right of Tianjin, respectively. In 1652, the garrisons and the town were merged into one, collectively known as “Tianjin

Wei”. The building of the town and garrisons was therefore a key period in the history of Tianjin, and the prosperity of river transport paved the way for the later development of Tianjin. Since its founding in 1404, Tianjin has existed as a city for 614 years till 2018.

Modern Tianjin

Tianjin is one of the first Chinese cities to come in contact with modern western civilizations. After 1860, Tianjin became a pioneer of opening in the north and a base of “Westernization Movement”, breaking new grounds in military modernization and the development of railway, telegraph, telephone, modern education, etc.

In the first half of the 20th century, Tianjin developed into a center of foreign trade, industry and finance in northern China, the second largest industrial and commercial city in modern China, and an economic center in northern China. Thanks to the economic radiation and impact of Tianjin, unprecedented progress was made in the modernization and opening-up of various industries in northern China, which greatly improved the overall economic strength of northern China and stopped the downward trend of the economic status of the northern region in the country at that time, making this place once again one of the regions with a high level of economic development in the country.

Geology and Landform

The total land area of Tianjin is 11,916.9 square kilometers, consisting of mainly plains and lowlands. Constructional plain accounts for 93% of the total area of Tianjin. Lying at the transition zone between the northern Yanshan Mountains and the coastal plain, its altitude gradually decreases from the north to the south. The average altitude in the north is 1,052m, the highest point being the 1,078.5m Jiushanding in Jizhou District; the southeast coastal part, with an average altitude of no more than 3.5m, is the lowest point in the North China Plain.

With a geological history as long as 2 billion years, the Tianjin area gradually took shape while the sea retreated from the land. The long yet slow geological evolution gave rise to the unique geographical structure and landscapes of Tianjin, with mountains, rivers, lakes, seas, springs and wetlands. The northern mountainous area of Jizhou District in Tianjin has a unique palaeogeographic environment, with various types of valuable geological relics widely distributed. Tianjin National Geopark of Jizhou District, the first national geological park in China, is the only one in China that demonstrates the geologic evolution of the earth in the Middle and Upper Proterozoic. The 72-kilometer-long Haihe River winds its way through the city and flows into the Bohai Sea, instilling vitality to the entire city.

Advantageous Location

Tianjin is located on the west coast of the Pacific Ocean, in the convergence zone of the Beijing-Tianjin-Hebei Urban Agglomeration and the Bohai-Rim Economic Circle. It is also the meeting point between the eastern Land Silk



Tianjin Port

Road and the northern Maritime Silk Road in the Belt and Road Initiative, as well as a starting point of the Sino-Mongolian-Russian Economic Corridor. Backing onto North, Northeast and Northwest China, it boasts vast economic hinterland. Facing Northeast Asia and the Asia-Pacific economic circle, it is an important window for China's participation in regional economic



integration and economic globalization, as well as a channel for landlocked countries to have access to the sea. The port resources constitute the core strategic resources and the greatest advantages of Tianjin: Tianjin Port sea routes now cover all the major ports in the world; the world's top 3 shipping alliances have all opened their largest liner lines with Tianjin Port. Now, Tianjin Port is on its way of becoming a "golden node" on the 21st century Maritime Silk Road.

Blessed with 5 strategic opportunities (namely the coordinated Beijing-Tianjin-Hebei development, the construction of the free trade pilot zone, the construction of independent innovation demonstration zone, Belt and Road Initiative, and the opening up of Binhai New Area), the advantages of Tianjin's location have become more prominent, and urban vitality and competitiveness have been further inspired. Tianjin will give full play to its advantages in location, ports and industrial clusters, focus on deepening the Beijing-Tianjin-Hebei cooperation, serve China's new strategy of opening-up to the outside world, and strive to become a new fulcrum of the Belt and Road Initiative and a hub of global resource allocation.



Clear sky and clean water



Ecological City

Beautiful Tianjin

Low-Carbon City

Circular Economy

Ecological Protection



Renmin Park

Beautiful Tianjin

In accordance with President Xi Jinping's instructions on ecological protection and the objective of building a "Beautiful Tianjin", breakthroughs have been made in the construction of a modern ecological liveable Tianjin. Symbiosis between human and nature has become a universal practice. Environment-friendly space patterns, industrial structures, production methods, and lifestyles have taken shape. The system of ecological civilization has been further improved and the ecological environment has continued to improve. The beautiful Tianjin, with a blue sky, green trees and clean water, will be more and more liveable and ecological.

In the past 5 years, Tianjin has been unprecedented in its resolution and efforts to harness environmental pollution. The speed of environmental improvement

has been the highest in history. The number of days with standard air quality has increased from 145 in 2013 to 209 in 2017, while the average annual PM2.5 concentration dropped by 35.4%. By the end of 2017, the forest greening rate in the city hit above 28%, and the green coverage rate in the built-up area exceeded 40%.

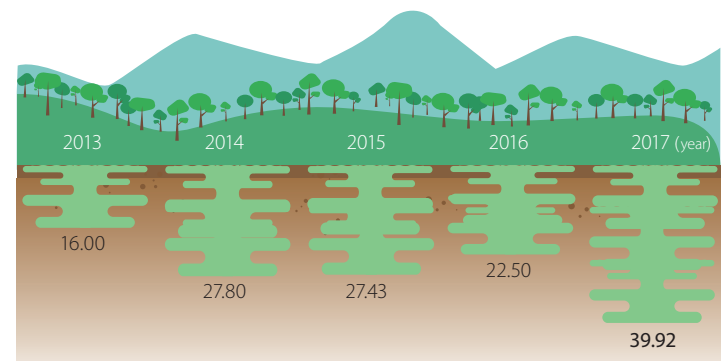
With a farsight to achieve long-term benefits for the generations to come, Tianjin adheres to the path of sustainable development, protecting natural resources while accelerating the construction of a beautiful Tianjin.



Tianjin: one of the most liveable cities in China

In the Economist Intelligence Unit's "Global Liveability Ranking 2017", Tianjin ranks the third among all the Chinese mainland cities.

Newly Built and Improved Greenery in Tianjin (million m²)





Ecological Wetland Park in Lin'gang Economic Area, Tianjin

National Carbon Market Capacity Building (Tianjin) Center

As one of the first 7 carbon emissions trading pilot provinces and municipalities in China, Tianjin has a series of state-level experimental projects on low-carbon development, ranging from low-carbon city pilot project to carbon emissions rights pilot project. The National Carbon Market Capacity Building (Tianjin) Center will give full play to its advantages as a pilot area, and, through trainings and services, help companies from non-pilot areas to improve their low-carbon development capabilities and carbon market participation capabilities, so as to contribute to the development of carbon markets in China.

Low-Carbon City

As a low-carbon pilot city, while building a “Beautiful Tianjin”, Tianjin promoted energy saving and emissions reduction in 6 aspects: low-carbon industrial production, clean traffic, green buildings, intensive services, reduction of major pollutants, large-scale use of renewable and new energy resources. As a result, Tianjin’s environmental quality remained stable while its economy developed rapidly.

Tianjin adheres to the path of green development characterized by low carbon emissions, environmental protection, intensiveness and efficiency. According to the “Greenhouse Gas Emissions Control Plan of Tianjin for the 13th Five-Year Plan Period”, by 2020, the city’s rail transit mileage will reach 375 kilometers, the mileage of special bus lanes will reach 194 kilometers, and the CO₂ emissions per unit of GDP will be 20.5% lower than in 2015.

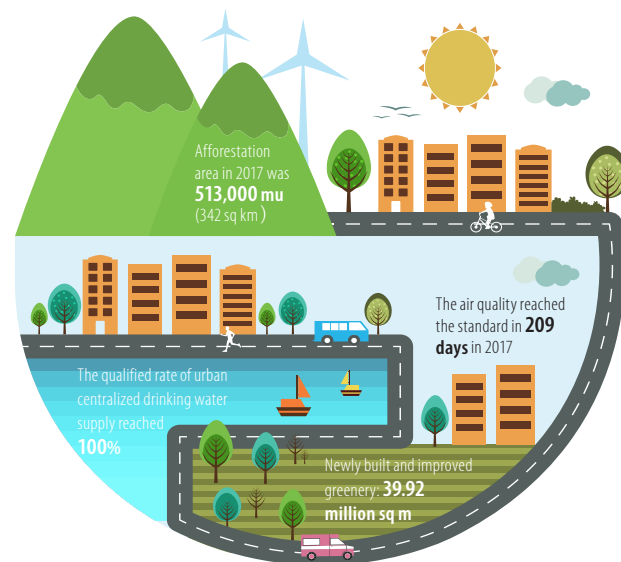
On the one hand, Tianjin vigorously promotes the development of green energy-saving industries such as wind power, photovoltaic power, and

smart grids; actively develops green buildings; establishes the entire industrial chain of new energy vehicles, promotes the use of new energy vehicles, and has built more than 3,000 public charging piles in 5 years. On the other hand, Tianjin attaches importance to energy saving and emissions reduction; promotes pilot low-carbon industrial parks; focuses on energy saving and consumption reduction in key energy-using units; solidly develops environment-friendly schools, green restaurants, and model energy-saving public institutions. As a result, new achievements have been made in green low-carbon development. Tianjin is one of the first carbon emissions trading pilot cities in China. Since its carbon emissions trading market was put in operation in 2013, Tianjin has accumulated rich experiences in reducing carbon emissions costs through market mechanisms, offering reference in green low-carbon development all over China.

Circular Economy

Tianjin is a national demonstration pilot city for circular economy. Through the development of pilot demonstration projects, the city’s circular economy industry system improved day by day. Waste residues, water, gas, and bulk solids from industry, agriculture and forestry are recycled comprehensively on a large scale. “Urban mineral

The Main Environment Quality Indicators of Tianjin in 2017





Sino-Singapore Tianjin Eco-City

resources” have been utilized on a remarkably higher level. The comprehensive utilization rate of major industrial solid waste resources has reached over 98%, which is among the best in China.

A diversified multi-layer circular economy pilot demonstration system has come into being in Tianjin. Ziya Circular Economy Industrial Zone, SDIC Beijing Power Plant, Tianjin Economic and Technological Development Area and Lin’gang Economic Zone have passed the acceptance check and become national pilot demonstration zones of circular economy. Intelligent management of household waste classification has been implemented in Sino-Singapore Tianjin Eco-City. Jinnan District is one of the first pilot districts in China of harmless treatment and utilization of restaurant kitchen waste. More

Ziya Circular Economy Industrial Zone

As the largest circular economy park in northern China and the first national economic and technological development zone with recycling economy as its leading industry, the park adheres to green intensive development, and has attracted a large number of major circular economy projects with over 1 billion CNY. Thus, renewable resources industry agglomeration and large-scale development have been realized in Tianjin. Currently, there are more than 290 enterprises in the park, processing 1.5 million tons of various renewable resources each year. It has become the largest “urban mineral” base in China.



Qilihai Wetland

than 100 businesses were involved in the municipal demonstration pilot programs of circular economy, and more than 10 parks started upgrading projects of recycling.

Ecological Protection

Tianjin has established 8 nature reserves at different levels, accounting for 13.66% of the city’s total land area. In terms of coverage rate of nature reserves, Tianjin is ahead of most of its counterparts in China.

In the “Implementation Plan for the Delineation of Ecological Land of Tianjin”, 2,980 square kilometers of mountains, rivers, lakes, wetlands, parks, and forest belts are designated as permanent ecological protection areas in a legislative form.

Qilihai Wetland

The Qilihai Wetland is the largest coastal wetland with ancient coast characteristics in northern China. Endowed with an extensive water area, fresh air, abundant animal and plant resources, Qilihai provides an ideal habitat and breeding environment for many kinds of rare and endangered wildlife, hence its typical biodiversity. The Qilihai Wetland also fulfills the functions of resisting droughts and floods, regulating local climate, depositing and degrading toxins, which is of great significance for improving the ecological environment in Tianjin.





Splendid night view of Tianjin



Smart City

Infrastructure

Information Industry

Technology Application

Plans and Prospects



Night view of Haihe River

Infrastructure

Following the trend of global intelligent informatization, Tianjin has accelerated the construction of new-generation information infrastructure, promoted the intelligent transformation of urban public infrastructure, and comprehensively upgraded the capacity of urban infrastructure services. Tianjin has become an important information and communication hub in northern China.

By the end of 2017, the city's Internet outlet bandwidth reached 9.7 TB, and with the capacity of optical fiber access to 10.018 million households, Tianjin is the first in China to achieve full coverage of optical network. The total number of fourth-generation (4G) mobile communication base stations reached 31,070, achieving full coverage in the urban area. Wireless public LANs in large public places are free to the public, with more than 20,000 access points.

Information Industry

The construction of smart city in Tianjin has entered the stage of intelligent integration, and the information industry is gathering and developing at a remarkably higher speed. By the end of 2017, the city's electronic information industry output reached 250 billion CNY, bringing a sales revenue above 350 billion CNY. An information technology industry system has taken shape, represented by smart terminals, high-performance servers, and large-

capacity storage. Their output of electronic information manufacturing industry accounting for more than 90% of the total of Tianjin, Binhai New Area and Xiqing District are the main gathering areas for integrated circuits, telecommunications, new-type components, and computers in the city.

Tianjin's informatization level is among the highest in China

As is shown in the "Digital China Construction Development Report (2017)" released by the National Internet Information Office in April 2018, Tianjin's industrial digitization index and information infrastructure development index ranked the fifth and seventh respectively in the country.

China's New-Generation Artificial Intelligence Development Strategy Institute established in Tianjin

In June 2017, upon the signing of the "Agreement on Comprehensive Technology Cooperation" and the "Agreement on the Joint Construction of New-Generation Artificial Intelligence Development Strategy Institute" between Tianjin Municipality and the Chinese Academy of Engineering, China's New-Generation Artificial Intelligence Development Strategy Institute was unveiled. The Institute will bring together well-known strategy research organizations from home and abroad, integrate the strengths of enterprises and universities and lead the formation of China Smart Technology Strategy Research Alliance, so that the Institute will offer a Chinese program for the world's new development of smart science and technology and provide strategic, comprehensive, forward-looking advices and suggestions on the establishment of a hyper-smart innovation system in China.



Tianjin Binhai New Area Industrial Cloud service platform (www.th-icloud.cn)

The IC design industry has grown rapidly. Not only has a relatively complete cloud computing industry chain come into being, but a national new-type industrialization demonstration base has been established for the software industry in Binhai Hi-tech Zone. Remarkable effects have been achieved in the integration of informatization and industrialization. The “Tianjin Binhai New Area Industrial Cloud” has become the National Industrial Cloud Innovation Demonstration Project with more than 2,000 users.

Technology Application

To give full play to its advantages in information technology, Tianjin promotes the application of information technology to the people’s livelihood and public services. “Internet + medical care”, “Internet + community management”, and other applications have freed citizens from many unnecessary errands. With the advancement of health informatization, a unified community health service system has basically been established in the city. Pilot programs such as the two-way referral of medical associations and remote medical consultations have been launched to benefit patients. Time-saving medical services, such as on-line appointments and time-slot-based consultations, have been explored. Remarkable progress has been made in education informatization. The education network in the metropolitan area has achieved full coverage, effectively supporting the construction and sharing of education resources in the city. The cultural resources sharing project was comprehensively promoted,

and the construction of public electronic reading rooms was launched. There are 5,022 network points at all levels, covering the entire city.

New smart city applications are cropping up one after another in Tianjin. The service hotline “88908890” has achieved 100% in terms of getting calls through, service completion, and calling for feedback. Intelligent terminal APPs, such as smart transportation, smart social security, and provident fund, make it easy for citizens to acquire relevant information. Tianjin Smart Travel Interactive Terminal and WeChat Account offer timely services and effective interactions with tourists.

The government affairs have been further informatized. A unified E-government service platform has been established in the city. The establishment of the first E-government 10G backbone optical network in China realizes the interconnection of networks at different levels: the central government, the city, and the districts. On Tianjin E-government network, there are already 100 key business systems, together with unified information exchange platforms.

Cooperation with Alibaba to create a “Cashless City”

In June 2017, Tianjin Municipality and Alibaba’s Ant Financial Services Group formally signed the “Cooperation Memorandum on Cashless City Construction”. The two parties agreed to build a “cashless city” of Tianjin. Ant Financial will implement relevant measures, make mobile payments accessible to more citizens, so as to bring more convenience to the public, promote economic development and enhance urban service standards.



Mobile payment in citizens’ daily life

Thus, information sharing and business collaboration have become a reality across departments in various fields.

Tianjin will comprehensively promote the in-depth application of information technology to urban management, operations and services. It is outlined in "Tianjin Smart City Special Action Plan" that by 2020, a smart application system will be established in Tianjin to benefit the citizens. Throughout the rural and urban areas, a digital service system will be set up to offer public services, such as health care, social security, education and culture, and environmental protection, hence the integrated services in the city. A public platform for E-government will be created so that all the government procedures can be handled online, and the networks of the city, districts, towns and townships, villages and communities can be interconnected.

World Intelligence Congress successfully held in Tianjin

In June 2017, the first World Intelligence Congress was successfully held at Tianjin Meijiang Convention and Exhibition Center, the theme being Towards Hyper-Intelligence Age.

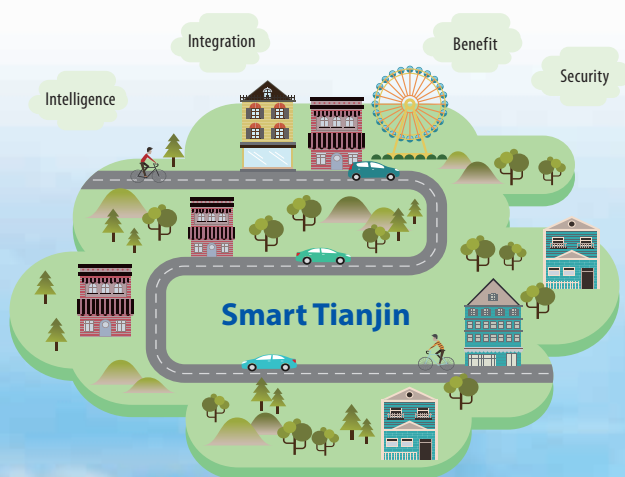
As the world's first large-scale high-end exchange platform in the field of intelligence, this conference aims to build a world-class platform for advanced intelligence achievements, innovative cooperation, industrial clustering, and docking for investment and financing, so as to promote international exchanges in the field of intelligence, to unite development factors in intelligence technology industry from the world, and to demonstrate the up-to-date world-leading technological achievements.

May 2018 will witness the Second World Intelligence Congress held in Tianjin.

Plans and Prospects

By 2020, Tianjin will further enhance the level of intelligence in the city, deepen the innovation, development and application of information technology in urban governance, people's livelihood services, smart economy, information security, and other areas. A "Smart Tianjin" will take shape, featuring intelligence, integration, benefit and security. Tianjin will continue to play a leading role in China in urban informatization.

By 2025, the construction of a "Smart Tianjin" will be basically completed. With 4 basic platforms: perception, support, service and management, the smart city will be characterized by convenient life, high-end economy, efficient government procedures, and refined governance. Tianjin will be among the most advanced in the world in terms of informatization, and become a domestically leading and globally top-class benchmark for smart city construction.





Beijing-Tianjin intercity railway



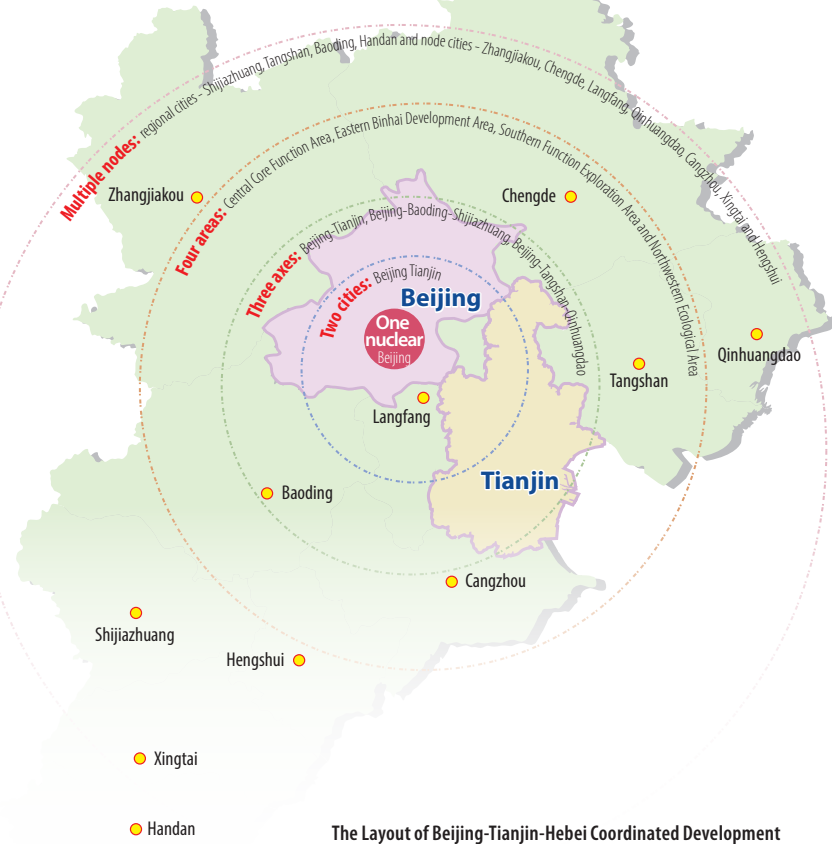
Coordinated Development of Beijing-Tianjin-Hebei Region

Coordination in Transportation

Coordination in Industries

Coordination in Ecology

Serving Xiong'an New Area



Beijing-Tianjin-Hebei integration is a national strategy mapped out by Chinese President Xi Jinping, which aims to promote regional coordinated development and build a new pole of economic growth so as to enable the 3 regions to draw on each other's strengths, promote the development of the Bohai-Rim

On Feb. 26, 2014, President Xi Jinping delivered an important speech on promoting the coordinated development of the Beijing-Tianjin-Hebei region.

According to the "Outline of Beijing-Tianjin-Hebei Collaborative Development", the roles of Tianjin are positioned as the national research and development base for advanced manufacturing; the northern core area for international shipping; demonstration area for financial innovation and operation; pilot area for reform and opening-up.

Economic Zone, and drive the development of the hinterland in North China.

Tianjin is implementing the "Outline of Beijing-Tianjin-Hebei Collaborative Development" in an all-round way. It has undertaken some non-capital functions of Beijing, achieved breakthroughs in transportation, ecology and industry, and accelerated the construction of "one base and three areas". As the Beijing-Tianjin-Hebei Collaborative development strategy progresses, Tianjin is actively participating in and supporting the construction of Xiong'an New Area. Tianjin also benefits from the strategy.

Coordination in Transportation

In the process of Beijing-Tianjin-Hebei integration, Tianjin promotes the network layout and intelligent management and integrated service to improve the interconnection of different modes of transportation and builds a safe, convenient, economical and green transportation system. It also continuously enhances its transport management and service capabilities, so as to make contribution to the Beijing-Tianjin-Hebei transport integration.

Five high-speed railways have been open to traffic: Tianjin-Qinhuangdao, Tianjin-Baoding, Beijing-Shanghai, Beijing-Tianjin railway and its extension. The one-hour commuting circle has basically taken shape in Beijing-Tianjin-Baoding core area. To ensure the integration of rail transport in the region, the Beijing-Tianjin-Hebei Inter-city Railway Investment Co. was founded. The construction of Beijing-Binhai and Tianjin-Tangshan railways has started. The monthly pass system for Beijing-Tianjin intercity trains has been launched; the Beijing-Jizhou





Tianjin Binhai International Airport

intercity trains are already in operation.

In highway transport, the skeleton of highway network has been completed, consisting of 6 horizontal lines and 4 vertical ones. Tianjin sections of the Beijing-Taipei and Beijing-Qinhuangdao Highways have been put into operation; the main part of Tangshan-Langfang Highway (Tianjin section) has been basically completed; the construction of Tianjin-Shijiazhuang Highway has started, and is planned to be completed in 2019; In July 2017, Jinwei North Line 2 was opened to traffic and linked to the Jinwei Highway in Hebei, opening a new path linking the tourism resources in Beijing and Hebei. In December 2017, Meifeng Road and the main construction of the lines linking the exits of Tangshan-Langfang Highway have been built. These projects opened an east-south expressway between Tianjin and Langfang, Tangshan of Hebei. In the future, a highway network with 8 horizontal lines and 6 vertical ones will take shape, eliminating the bottleneck sections of some highways.

Ports not only constitute a geographical advantage of Tianjin, but they also serve as bridgeheads for opening up in the process of Beijing-Tianjin-Hebei integration. By November 2017, import and export of Tianjin Port reached \$123.964 billion, up 4.6% year on year, accounting for 73.9% of the total value of the port trade. There are 25 inland dry ports connected with Tianjin Port, including 10 in Beijing and Hebei. The first sea-rail integrated container railway hub in the region has been built. Tianjin Port and Tangshan Port has strengthened cooperation on inland dry ports, explored their hinterland

resources, extended free trade and port functions to promote interoperability of electronic ports.

In aviation, as an important integrated transport hub, Tianjin Airport has become a major highlight of the coordinated development of transportation in the Beijing-Tianjin-Hebei region. Tianjin takes the initiative to provide a second airway for passengers coming in and out of Beijing. It has 20 off-site air terminals and launched off-site cargo terminals. The trial operation of Beijing-Tianjin-Hebei airfreight trucks has begun. The integrated operation mechanism of Beijing, Tianjin and Hebei airports has been initially formed. It has launched the “air-rail transport services 4.0”, which covers Tianjin and 8 cities of Beijing, Hebei, Liaoning and Shandong. The city has also improved the ground transport network and provides ground transport services to Beijing and Tangshan in Hebei.

Coordination in Industries

In accordance with the plan for industrial development in the Beijing-Tianjin-Hebei region, the pace has been quickened in the construction of carrier facilities in Tianjin.

Tianjin Binhai Zhongguancun Science and Technology Park

As the only cross-provincial pilot zone for comprehensive reform in China, the park is fully integrated with Beijing, with its focus on industries such as artificial intelligence, big data, life science, technology finance, and cultural creation. It will become an important carrier for the implementation of the “Outline of Beijing-Tianjin-Hebei Collaborative Development” and the construction of a collaborative innovation community.



An industry transfer pattern has taken shape with Binhai New Area as its focus and other districts as robust support. The Zhongguancun Science and Technology Park in Binhai New Area has attracted a group of enterprises and projects to settle there. Ninghe Beijing-Tianjin Cooperation Demonstration Area, Wuqing Beijing-Tianjin Industrial New Town and Baodi Beijing-Tianjin Zhongguancun Science and Technology Town are accelerating their construction.

Dongli District has cooperated with Tsinghua University to launch TIPark (Tianjin). Jingbin Industrial Park in Wuqing District has attracted about 40 robot manufacturers and R&D companies. The construction of Beijing-Tianjin-Hebei Big Data Comprehensive Pilot Area has sped up. A group of key construction projects have confirmed to be built there.

A fund that was designed to help guide the adjustment of industrial structure in the Beijing-Tianjin-Hebei region was launched in Tianjin. A group of industrial cooperation projects have settled in the city. It houses Tsinghua University's Research Institute for Advanced Equipment, Tianjin Academy for Intelligent Recognition Technologies and NEVS Tianjin project. The construction of Zhongsha New Materials Industry Park, a data center in the electronics town of Xiqing District has accelerated. The construction of a Tianjin-Hebei-Lutai coordinated development demonstration area is progressing well. Tianjin companies have invested more than 160 billion CNY since 2014 to Hebei Province.

Coordination in Ecology

Attaching paramount importance to ecological conservation and environmental protection, Tianjin has been promoting the green and low-carbon development, strengthening ecological and environmental protection, focusing on the key pollution control projects and utilizing resources intensively. It has adopted collaborative measures with Beijing and Hebei to protect the environment.



Beidagang Wetland will be the first state-level ecological park in China

To control air pollution, Tianjin has strengthened cooperation with Beijing and Hebei in the implementation of unified standards for regional pollution weather warning on a mechanism of joint consultation. In 2017, the city's PM_{2.5} and PM₁₀ concentrations decreased by 35.4% and 37.3% respectively from those in 2013.

In terms of water pollution control, Tianjin has formulated the Plan for Water Environment Compensation of Luanhe River Water Diversion, bringing new progress in the pilot work. Thanks to the project of pollution control around Yuqiao Reservoir, the water ecology and environment there have been significantly improved. Relevant agreements have been signed by the environmental protection departments of Beijing, Tianjin and Hebei, with a view to enhancing the joint response capacity for water pollution control.

Tianjin released ecological protection plans for wetland nature reserves, Qilihai Wetland, Beidagang Wetland, Dahuangpu Wetland and Tuanbo Birds Nature Reserve in 2017. According to the plans, the city will restore 95 sq km of wetland, which will play an important role in improving the ecological environment of Beijing, Tianjin and Hebei.

Serving Xiong'an New Area

Under the background of Beijing-Tianjin-Hebei integration, Tianjin will actively use its advantages to support and serve the construction of Xiong'an New Area.



One of main drinking water resources in Tianjin — Yuqiao Reservoir



In April 2017, the central government announced the plan to set up Xiong'an New Area in Hebei Province, another new area with national significance after Shenzhen Special Economic Zone and Shanghai Pudong New Area. The establishment of this new area is significant for the transfer of Beijing's non-capital functions, the exploration of new modes for the optimization and development of population-intensive economic zones, the adjustment and improvement of Beijing-Tianjin-Hebei urban layout and spatial structure, and the nurturing of new engines for innovation-driven development.

Tianjin will cooperate with Xiong'an New Area on high-end industries, such as the new generation information technology, new energy, new materials, energy conservation & environmental protection, bio-medicine and health care, to realize coordinated development of industries and technologies.

Tianjin will take advantage of its role as a port city and opening-up platform to the outside world and plan dry ports in Xiong'an New Area and improve the service of ports in Hebei and Tianjin.

Tianjin will use its advantages on urban planning to help Xiong'an New Area make its own planning on transportation, ecological network and offer support on technology and talents for Xiong'an's planning, design, mapping and geological survey.

Tianjin will also assist Xiong'an New Area to cultivate technical personnel on environmental protection and jointly carry out research on ecological restoration technology and improving the water quality of Baiyangdian Lake and Haihe River system.



Edifice 117 under construction



The building of Youyi Gallery



Sustainable Development

National Advanced Manufacturing R&D Base

Demonstration Area for Financial Innovation & Operation

Emerging Industries

Technological Innovations

Business Environment

Rural Development



Tianjin Future Science City

In 2017, of all the 7 provincial-level administrative regions on the Chinese mainland whose disposable income per capita exceeded 30,000 CNY, Tianjin ranked the fourth.

Per Capita Disposable Income of Tianjin Residents (CNY)



Thanks to efforts to implement new development concepts, significant economic and social progress has been made in Tianjin. In spite of the complicated economic situations at home and abroad, Tianjin adheres to green development and strives to optimize its economic structure, eliminate backward production capacity, and promote high-quality economic development.

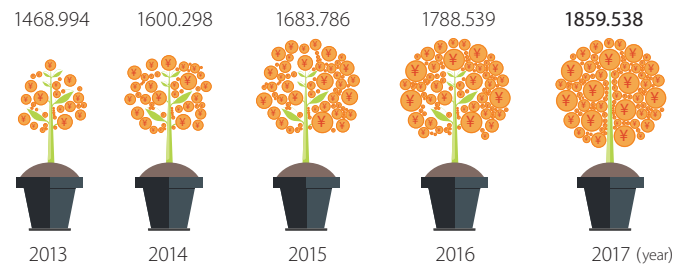
In the past 5 years, the city's gross output grew at an average annual rate of 8.9%, its fixed asset investment grew at an average annual rate of 10.5%,

and per capita disposable income of urban and rural residents increased by 8.9% and 10% respectively. The energy consumption per unit of GDP dropped by more than 25%. Now, Tianjin is accelerating the transformation of its development modes, optimizing its economic structures, and shifting its growth momentum, so as to achieve higher quality, efficiency, equity, and sustainability in its development. (For more details, please visit the website of Tianjin Bureau of Statistics: www.stats-tj.gov.cn)

National Advanced Manufacturing R&D Base

In 2017, 10 industry clusters-such as new-generation information technology, high-end equipment, and new materials-continued to grow and develop in

GDP of Tianjin (billion CNY)





The first Chinese made A330 aircraft was delivered to Tianjin Airlines in Tianjin

Tianjin. The proportion of advanced manufacturing reached 57.1%; the added value of high-tech industries increased by 10.4%, whose contribution to the city's industrial growth accounted for 64.6%. The construction of major projects like Volkswagen's production base, National New Energy Vehicle Production Base, and SMIC Phase II was accelerated. Binhai New Area Robot and UAV Industry Cluster, Jingdong Smart Logistics R&D Manufacturing Base, Dongli Artificial Intelligence Industry Demonstration Town and a number of emerging industrial clusters are becoming new name cards for Tianjin industry.

Tianjin is committed to building an advanced manufacturing system featuring innovation, high efficiency, smart integration, and low carbon. By 2020, the total industrial output of the city will exceed 4 trillion CNY, the output of advanced

manufacturing industry will account for 70% of the city's total industrial output, and a nationally advanced manufacturing R&D base will basically take shape.

A new system for advanced manufacturing industry will be created. The pace will be quickened for the development of 10 high-end industries such as aerospace equipment, integrated circuits and special equipment, high-performance servers, and cloud computing. Efforts will be made to expand the scale of 3 relatively advantageous industries, such as smart terminals, basic chip components, biomedicine and health; cultivate and develop 8 emerging industries such as energy-saving and new energy vehicles, new materials, and robots; transform and upgrade two traditional industries-modern petrochemical industry and modern metallurgy; accelerate the development of national defense science and technology industry and promote the in-depth development of civil-military integration. By 2020, a group of new industrial clusters each with a total value of 100 billion CNY will come into being, such as aerospace, energy conservation and environmental protection, new energy, new materials, and bio-medicine; advantageous industrial clusters each above 500 billion CNY will also appear, such as high-end equipment, new-generation information technology, energy-saving and new energy vehicles.

The spatial layout of advanced manufacturing industry will be optimized. Beijing-Tianjin High-Tech Industry Development Belt will be built along the Beijing-Tianjin development pivot; a marine industry development belt will be created in Binhai New Area to draw on the port and coastline resources; a

The first “Locally-made” Airbus A330 airliner delivered in Tianjin



On Sept. 20, 2017, the first locally-made Airbus A330 aircraft went off the assembly line in Tianjin and was delivered to Tianjin Airlines, marking the official operation of the Tianjin Airbus A330 Aircraft Assembly and Delivery Center, the first one outside Europe.

Airbus A330, one of the most efficient and extensively-used wide-body passenger aircrafts in the world, is the most economical in operation among all aircrafts of the same class. In 2019, 2 Airbus A330 aircrafts will be produced per month at Tianjin Delivery Center.



Tianjin World Financial Center

number of technological, recycling, and ecological growth poles of advanced manufacturing industry will be cultivated; an industrial space layout will take shape, characterized by “gathering around 2 belts, multi-level motivation, and peripheral radiation”. Emphasis will be put on the construction of advanced manufacturing bases such as biomedicine in Binhai New Area, electronic information and automobiles in the Development Zone, software in the high-tech zone, aviation at the airport, Ziya energy conservation and environmental protection in Jinghai, and electronic information in Xiqing. The pace will be quickened for the construction of specialized industrial bases such as Jinnan Electronic Information, Dongli High-end Equipment, and Jizhou Special-Purpose Vehicles.

A number of competitive enterprises will be cultivated. A plan will be implemented to upgrade the capacity of competitive enterprises; accelerate the reorganization and integration of key industries and enterprises such as steel, petrochemical, equipment, light industry, and pharmaceuticals; and strengthen large enterprise groups with international competitiveness. By 2020, in Tianjin, there will be over 100 enterprise groups each with 10 billion CNY, more than 10 enterprise groups each with 100 billion CNY. Efforts will be made so that two or three enterprises will enter the list of world top 500 manufacturing enterprises.



China (Tianjin) Pilot Free Trade Zone

Demonstration Area for Financial Innovation & Operation

It is pointed out in the “Outline of Beijing-Tianjin-Hebei Collaborative Development” that a demonstration area for financial innovation and operation will be established in Tianjin. Giving full play to the favorable policies for pilot schemes, Tianjin proactively promotes the financial reform and innovation in the free trade pilot zone.

Since the implementation of The Guiding Opinions of the People’s Bank of China on Financial Support for the Construction of China (Tianjin) Free Trade Pilot Zone

The Balance of Tianjin Financial Institutions’ (Including Foreign Capital) Local and Foreign Currency Deposits and Loans at the End of 2017 (billion CNY)

Index	The amount at the end of 2017	Increment than the beginning of the year	Growth rate year on year
Domestic and foreign financial institutions’ various deposits in local and foreign currencies	3094.081	87.377	2.9%
#Deposits of non-financial enterprises	1448.817	19.418	1.4%
Deposits of residents	975.689	41.478	4.4%
Domestic and foreign financial institutions’ various loans in local and foreign currencies	3160.254	284.849	9.9%
#Loans of non-financial enterprises and public organizations	2497.148	131.914	5.6%
Loans of residents	631.637	146.886	30.3%

Tianjin Becomes a World Aviation Leasing Center

Sept. 22, 2017 saw the arrival of a brand-new Airbus A320 passenger plane at Tianjin Binhai International Airport from Hamburg, Germany—the 1,000th leased aircraft in Dongjiang Bonded Port Area. Thus, Dongjiang Bonded Port Area became the world's second largest aviation aircraft leasing area, next to Ireland only.

China (Tianjin) Free Trade Pilot Zone

China (Tianjin) Free Trade Pilot Zone, covering a total area of 119.9 square kilometers, consists of 3 parts: Tianjin Port, Tianjin Airport and Binhai New Area CBD.

Centering on the construction of the Free Trade Zone, Tianjin will strengthen institutional innovations in investment, trade, financial services, and supervision, so as to serve the real economy. Since the operation of the Free Trade Zone, 175 institutional innovations have been fully implemented, and 10 innovative experiences have been replicated throughout the country.

2 years ago, all the approval policies have been carried out. Tianjin has basically established a multi-tiered financial institution system with banking, insurance, securities, and trust as the mainstay, supplemented by financial companies, futures companies, and securities funds. Thus Tianjin has become one of the few cities in the country that has a full range of financial licenses.

Tianjin has established the first domestic contract-type CNY sector fund, the first Internet monetary fund, and the first private bond for small cities and towns; it has established the first domestic aircraft leasing fund and aviation industry fund. Tianjin is one of the first pilot areas in China for SME Private Equity Bonds and National Equities Exchange and Quotations (NEEQ) Market. It has completed China's first marine engineering equipment finance leasing business combining joint leasing and cross-border leasing. The assets of cross-border leasing of aircraft, ships and offshore platforms all account for over 80% of the total in China. The nation's first housing security bank and foreign-funded consumer finance company have been established. In commerce and finance, Tianjin has become a pilot city for commercial factoring, and its factoring industry is undergoing agglomerated development.

Efforts were intensified in Tianjin to promote shareholding reform, listing and financing of the enterprises. By the end of 2017, the total number of listed companies (including the New Over-the-counter Market) in Tianjin reached 268, an increase of 22% over the previous year. The remarkable rise in the speed of



Tianjin Helicopter Industrial Base of China Aviation Industry Corporation

getting listed shows the enterprises' greater ability to draw on the capital markets.

At the end of 2017, the added value of Tianjin's financial industry reached 195.175 billion CNY, an increase of 8.0% year on year. The proportion of the financial industry in GDP increased from 5.5% a decade ago to 10.5% now. Finance has become a pillar industry in the economic development of Tianjin.

Emerging Industries

Tianjin adheres to the new concept of development and promotes high-quality development. The rapid growth of emerging industries is becoming a new boost for economic development. In 2017, the added value of strategic emerging industries above designated size in Tianjin rose by 3.9%, which was 1.6 percentage points higher than the industrial growth of the city; the added value of high-tech industries increased by 10.4%, higher than the city's industrial growth rate by 8.1 percentage points, with a 64.6% contribution rate to the city's industrial growth.

New businesses and new modes thrived. A number of company headquarters including Mobike's Shared Bicycles settled in Tianjin, and many emerging companies such as Didi Travel developed rapidly in Tianjin. In the service industry above designated size, the revenue of strategic emerging service sectors and high-tech service sectors increased by 30.2% and 15.8% respectively.

By 2020, strategic emerging industries will become the major boost for the sustained, sound economic and social development in Tianjin, and Tianjin will become an important center and source of strategic emerging industries.



Heavy machinery engineering engineers

New pillars for economic development will be formed. The total output of strategic emerging industries in the city will reach 1.5 trillion CNY, and the added value of strategic emerging industries will account for 20% of the city's GDP. A number of high-end industrial chains and clusters will come into being, such as high-end equipment, new-generation information technology, aerospace, new energy, new materials, etc.



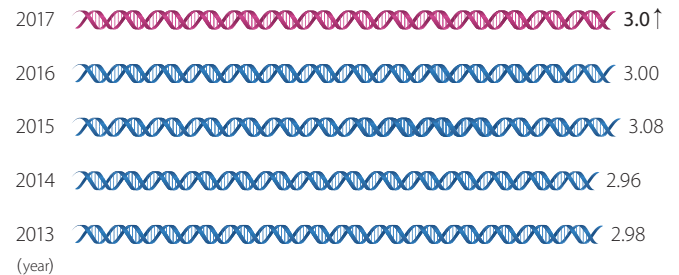
National Supercomputing Center in Tianjin

New advantages will emerge from the agglomeration of enterprises. A number of big corporate groups with international influence, together with small and medium-sized enterprises enthusiastic for innovations, will be cultivated. A number of advantageous industry groups featuring coordinated development of SMEs will be created.

Technological Innovations

Centering on the aim to develop into a nation-leading innovative city and industrial innovation center, Tianjin has continuously strengthened the construction of its scientific and technological innovation system. In 2017, the city's 19 scientific and technological achievements won the National Science

The Proportion of R&D Expenditure on Tianjin GDP (%)



and Technology Awards, including 2 technical invention awards and 17 science and technology progress awards. In the year, 2,300 scientific and technological achievements at the municipal level were completed, of which 78 were world-leading and 264 were internationally advanced. In the year, 12,512 technology contracts were signed, with a contract value of 65.8 billion CNY, an increase of 9.3%; and technical transaction value of 49.7 billion CNY, an increase of 14.1%.

The ability of independent innovation continues to increase. Binhai High-tech Zone is among the second batch of entrepreneur-innovation demonstration bases in China. In 2017, there were 12,000 new technology-based enterprises and 420 technology companies each with a scale exceeding 100 million CNY, bringing the cumulative totals of 96,900 and 4,228 respectively.

There were 1,611 new high-tech enterprises in the year, increasing the total number to 4,093. In addition, 20 technology leader enterprises were newly identified, and 20 innovative alliances for production, education and research were created. At the end of 2017, there were in Tianjin 13 state-level key laboratories, 50 state-level enterprise technology centers, and 16 national technology innovation demonstration enterprises.

Tianjin's ability to attract high-level talents has been further enhanced. In the whole year, 43,600 "green cards" were issued to qualified personnel. There are 38 academicians in Tianjin, and 13,200 leading personnel were introduced from abroad. With the establishment of 25 new postdoctoral workstations, there were 77 mobile postdoctoral stations and 252 workstations at the end of the year, with more than 1,200 postdoctors.



Central Business District

“Binhai 50 Measures” offer entrepreneurship benefits worth 10 million CNY



In April 2018, Tianjin Binhai New Area promulgated the “Plan for Implementing the Provisions on Establishing a Good Environment for Entrepreneurship”, putting forward 50 specific measures, such as the protection of entrepreneurs’ property rights and autonomy in management, inspiration of their vitality in innovation and entrepreneurship, etc.

“The Nobel Prize winner or academician from home and abroad who establishes a science and technology enterprise with proprietary intellectual property rights in Binhai New Area and acts as its chairman or general manager, is entitled to up to a work fund of 8 million CNY and subsistence allowance of 4 million CNY.” — Tangible bonus benefits released in the “Binhai 50 Measures”.

Business Environment

To meet the requirements of high-quality development, Tianjin strives to create an excellent business environment. In 2017, Tianjin Municipality promulgated the “Provisions on Establishing a Good Environment for Entrepreneurship”, with a view to creating an excellent business environment through the following measures: protecting entrepreneurs’ property rights and autonomous management rights in accordance with the law, improving the mechanism to protect entrepreneurs’ rights and interests, and establishing a unified service platform in the city for corporate rights protection; promoting fair competition and honest operations, and facilitating the construction of credit platforms for market entities and individuals; encouraging entrepreneurship, improving incentive mechanism, establishing an honor system for entrepreneurs, and increasing the portion of income distribution through dividends, stock options, etc.; promoting outstanding entrepreneurship, and creating more excellent products; improving services to entrepreneurs, implementing service mechanisms involving first-inquiry liability, first-commission liability, single-window handling, and comprehensive acceptance; nurturing outstanding entrepreneurs, actively promoting entrepreneurship and innovation, sincerely respecting entrepreneurs, offering services to the development of enterprises, and striving to build Tianjin into a fertile ground for entrepreneurs.

Tianjin will continue to emphasize both “bringing in” and “going out” (especially overseas investment, foreign trade, foreign economics, outsourcing, and talent



State-level agricultural science park — Tianjin Jinnan Agricultural Science Park

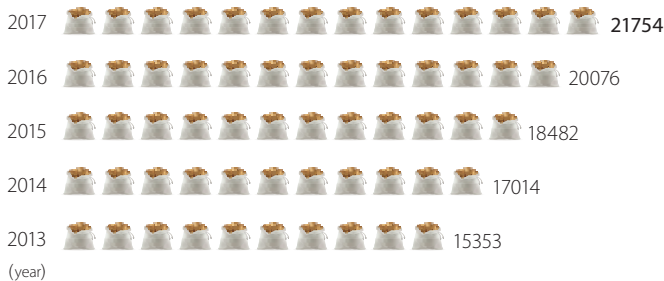
introduction), and implement a more proactive open strategy, so as to break new grounds for business operation at higher levels, with better environments and greater radiation impacts.

Rural Development

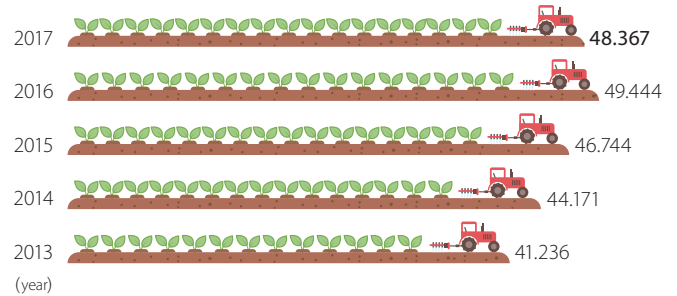
Proactive measures are taken in Tianjin to promote the strategy of rural development, accelerate the modernization of agriculture and rural areas, facilitate comprehensive improvement of agriculture, rural areas, and farmers.

Promoting coordinated development of the urban and rural areas. Efforts have been made to promote new-type urbanization with people as the major concern; increase infrastructure construction in rural areas; build wastewater treatment facilities in 324 villages; continue to implement drinking water quality

Disposable income of rural residents in Tianjin (CNY)



Total Agricultural Output Value of Tianjin (billion CNY)



improvement projects; accelerate a new round of power grid upgrading; renovate 500 kilometers of rural roads; establish and improve a basic public service system that covers and benefits all the people alike; and create a number of state-level characteristic towns.

Promoting the adjustment of agricultural structure. Measures have been taken to develop modern urban agriculture; build or upgrade 10 Sino-Israel (Tianjin) agricultural technology cooperation & innovation demonstration gardens, 100 large-scale standardized facility demonstration gardens, and 10 green cycle livestock production bases; establish a green refined vegetable supply zone; bring agricultural science and technology to a higher level; cultivate high-tech industrial clusters for bio-agriculture and modern seed industry; establish 6 modern agricultural technological systems for aquatic products, vegetables, etc.; vigorously develop facilities agriculture, provenance agriculture, and smart agriculture.

Promoting the green development of agriculture and rural areas. Effort has been made to accelerate the implementation of green development modes and lifestyles; develop water-saving agriculture; continue the campaign of zero-growth of fertilizer and pesticide use; promote the full use of crop straws; launch the campaign to build demonstration villages in rural environment improvement; realize centralized treatment of rural domestic sewage; and facilitate greater improvement of rural environments.

Tianjin will continue to implement the strategy of rural development, making agriculture a promising career and turning the rural areas into beautiful places for life and work.



Chow Tai Fook Financial Center under construction in Binhai New Area



Urban Construction

Key Projects

Livelihood-related Projects

Comprehensive Transportation

Urban Environment



Tianjin National Exhibition Center (artistic rendering)

Key Projects

Tianjin is improving its infrastructure facilities through accelerating the construction of key projects. In the last 5 years, it finished 306 projects involving industry, commerce, culture, education, health and sports with an investment of 225.1 billion CNY, up 7.7% from the previous 5 years. The second phase of Tianjin Binhai International Airport, the Second Children's Hospital, the venues of the 13th National Games and the delivery center of Airbus A330 were put into use and helped improve the economic structure and the public service of Tianjin.

In 2018, the city will continue to improve its infrastructure facilities and planning in urban and rural areas as well as promote the coordinated development of central Tianjin, downtown area and the suburban area. It will build the east and north breakwaters of the Dagukou Port and No. 27 universal dock in Nanjiang

Tianjin National Exhibition Center

Located in the south bank of the middle reaches of the Haihe River, Tianjin National Exhibition Center is a state-level exhibition facility constructed by the Ministry of Commerce and Tianjin Municipal Government.

It was built according to the world's top standards and will be put into use before 2020. The floor space will reach 1.2 million sq m upon its completion and it will become a world-class exhibition center in the Northeast Asia.

Port. Nangang Railway will be put into operation and the freight throughput of Tianjin Port will reach 16 million TEUs. It will speed up the construction of general aviation airport and improve the airline network for the Beijing-Tianjin-Hebei region. The city will also speed up the construction of the sponge city pilot projects in Jiefang South Road and Sino-Singapore Eco-City, as well as the prefabricated buildings, green buildings and underground utility tunnels.

Livelihood-related Projects

Tianjin insists on people-oriented principle and focuses on people's top concern and urgent need during urban construction. During the 2013-2017 period, it finished 47 projects in 25 categories. It renovated 450km of heating pipes, 440km of gas pipes, water pipes in 320,000 households, and the water supply facilities in 200 spots. A total of 67.33 million sq m finished energy-saving renovation, including 2.51 million sq m in slab-type apartment buildings. It renovated 4.06 million sq m of public space and 25,200 houses in rural areas, greatly improving the housing of people. 10 bus terminals were built and renovated and 100 safety islands were constructed. 46 roads were broadened and 31 rainwater pumping stations were built and renovated.

In 2018, Tianjin will Build Livelihood-related Projects in 6 Categories

- 1 It will continue to renovate the aging pipelines and plans to finish 230km of pipelines throughout the year, including 160km of heat pipelines and 70km of gas pipelines.
- 2 It will continue to carry out heat supply measurement and energy-saving renovation in a 1.7 million sq m area in public buildings.
- 3 It will construct drainage pipelines in 7 places such as Baodai Road to improve the drainage system in rainy season.
- 4 The facilities in 6 auxiliary roads like Nancang Bridge will be renovated and 5 supportive roads like Suifeng Road will be built.
- 5 Tianjin will begin the sponge city pilot projects in 6 communities, improve the roads, pipelines, greenery and parking spaces and fully utilize the rain resources.
- 6 It will renovate and repair houses for 5,000 poor households in rural areas.



The event to celebrate Tianjin airport's passenger throughput exceeded 20 million in 2017

Comprehensive Transportation

In the past 5 years, Tianjin accelerated the construction of transportation infrastructure facilities to facilitate the coordinated development of the Beijing-Tianjin-Hebei region, regional economy and industrial layout and improve people's livelihood. The transport network is gradually improved and the city better serves as a transportation hub at the intersection of the Silk Road Economic Belt and the 21st century Maritime Silk Road.

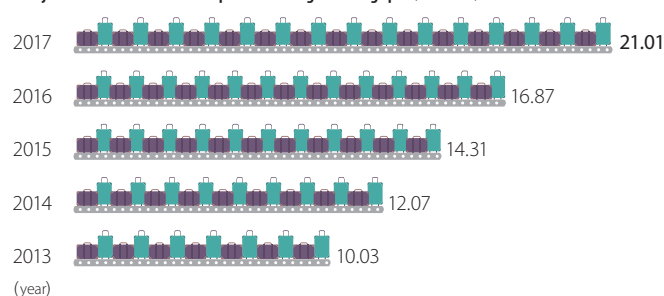
Beijing, Tianjin and Hebei will be well connected by railways. Beijing-Shanghai high-speed Railway, Tianjin-Qinhuangdao Railway, the extension of Beijing-Tianjin intercity Railway and Tianjin-Baoding Railway were put into operation. The layout of cargo distribution channels in the south and north Tianjin will

Tianjin Binhai International Airport

Tianjin is one of the first Chinese cities to develop civil aviation transportation. On Aug. 1, 1950, the first civilian airliner of the People's Republic of China took off there.

Tianjin Binhai International Airport is an airport for major domestic airlines and regular international flights, a national first-class aviation port and one of the major cargo air-transport centers in China. It is also the first electronic cargo-transport airport on the Chinese mainland. In 2017, the airport's passenger throughput exceeded 21 million, an increase of 24.5% year on year; cargo throughput reached 268,300 tons, up 13.2%.

Tianjin Binhai International Airport's Passenger Throughput (million visits)



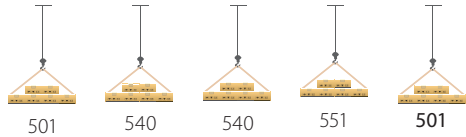
be optimized. The construction of the Jizhou-Tianjin port railway, Beitangxi-Xin'gangbei railway, Xin'gangbei container station, Dabeihuan railway and the Northwest ring railway were completed. Tianjinxi, Tianjinnan, Binhai and Yujiapu railway stations were put into use. 280km of railways were built in the past 5 years. The length of railways in Tianjin reached 1,267km by the end of 2017.

Tianjin is sparing no effort to construct its ports and airports. The new terminal of the second phase of Binhai International Airport and the second runway were put into use and passengers can use 6 means of transportation without transfer. It will adjust the layout of the Beijiang and Nanjiang ports. A group of key port facilities were put into use, such as the first and second phases of Tianjin Port's 300,000-ton waterway, the second phase of the international cruise terminal, the wharf for Sinopec's liquefied natural gas, the iron ore wharf at No. 26 of Nanjiang Port.

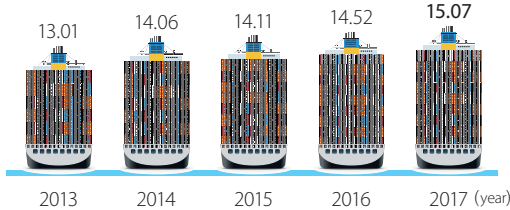


The city accelerated the construction of expressways. The second phase of Tanggu-Chengde expressway, Beijing-Qinhuangdao expressway, the first phase of Tangshan-Langfang expressway, West outer ring-Lin'gang expressway, Jishan expressway were built. 144.6km of expressways were added to the transport network. 205.5km of the Tangshan-Tianjin, Beijing-Tianjin-Tangshan expressways were renovated. The total length of expressways in Tianjin reached 1,245km.

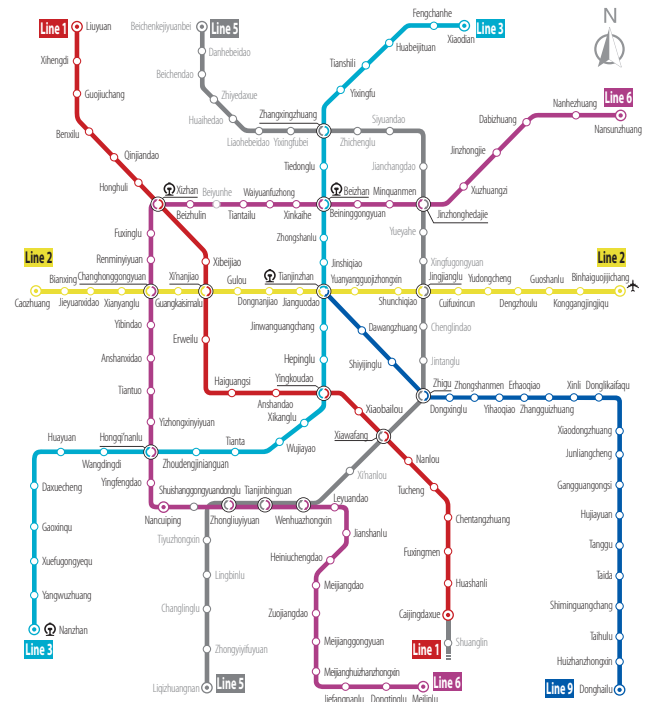
Freight Throughput of Tianjin Port (million tons)



Container Throughput of Tianjin Port (million TEUs)



Sketch Map of Rail Transit in Tianjin (by the end of April, 2018)



Note 1: The stations marked on the map are their relative positions for your reference.
 Note 2: "○" and "●" refer to the stations and lines that are not opened to traffic.

Tianjin Port

Located at the intersection of the Silk Road Economic Belt and the 21st century Maritime Silk Road, Tianjin Port is an important foreign trade port in North China, a key node in the modern transport network in the Beijing-Tianjin-Hebei region, as well as a top-level, artificial, deep-water port in the world.

The port has extensive contacts with the world, establishing trade relations with more than 500 ports of over 180 countries and regions. Every month, there are more than 550 sailings to different ports around the world. In 2017, its cargo throughput exceeded 501 million tons; its container throughput exceeded 15.07 million TEUs, up 3.8% over the previous year.

With a full range of service functions, and strong regional radiation ability, Tianjin Port is the only Chinese port that has 3 passages in the Eurasian Continental Bridge. It has built the largest "one-stop" shipping service center, the electronic port, and the biggest international container transshipment base in North China. Tianjin Port also has a strong economic connection with inland areas, covering 5 million sq km, which accounts for 52% of the total area of China. Its 5 regional marketing centers and 25 dry ports in the hinterland further improve the logistics network system that covers the inland areas.

Tianjin is constructing a rail transit network. By the end of April, 2018, there were 5 subway lines in operation — Lines 1, 2, 3, 6 and 9. They greatly eased the pressure of ground transportation and brought convenience for people.

Urban Environment

In 2017, Tianjin took the opportunity of hosting the National Games to improve its urban environment through 10 projects including afforestation, decoration of streets and environmental management of lanes and roads, which brought great changes to the city.

The city also improved its vegetation in 10 parks including the Olympic Center Park, Hedong Park, Manjiang Park, Beiyunhe Park and the Water Park last year. A renovation project involving over 100 roads, 3,000 buildings was carried out and it built a group of demonstration areas, including the National Games Village, Olympic Center Park, Jiefangbei Road, Wudadao, Xiaobailou, Tianjin Railway Station, Italian-style Street, Binjiangdao Commercial Street, Drum Tower and Water Park. The lights on 7 roads, 357 buildings and nearly 90,000 sq m of waterways around the Olympic Center Park were installed to improve the

city's nightscape. It also improved the night scene of Tianjin Cultural Center, Drum Tower, Xiaobailou and Wudadao, involving 63km in total.

In the next 5 years, to build a National Forest City, Tianjin will promote the afforestation project, build 100 parks with the advanced ideas of sponge city, low-elevation greenbelt, low-carbon environmental protection and water-conservation, and scientifically plan green space and parks to better meet local residents' demands of leisure activities, bodybuilding and recreation. By the end of the 13th Five-Year Plan, the city's greenery coverage rate, green space rate and per capita green area will reach 40%, 35% and 12 sq m, respectively.



National Games Village



Renmin Park



Opening-up and Exchanges

Sister Cities

International Exchanges

Role in the Belt and Road Initiative

Overseas Investment

Tianjin Summer Davos Forum





Tianjin—A city of opening-up

Tianjin is an open and inclusive city full of vitality. It adheres to an opening up-driven strategy over the years and enjoys close and active exchanges and cooperation with dozens of cities and regions at home and abroad. Its scale and depth of opening-up as well as the environment for opening-up keep improving. The city is speeding up for internationalization, with increasing regional and international influence.

Sister Cities

Tianjin is among the premier group of cities that started international sister cities exchanges. It has established friendly relationship with 87 local governments from 48 countries across the world. Now, it has 27 sister cities in 20 countries, while it maintains friendly exchanges and cooperation relationship with 31 cities in 22 countries and has reached memorandum of understanding (MoU) with 29 cities in 24 countries.

In September 2017, 8 delegates from Quebec, Canada, led by the province's energy and natural resources minister, visited Tianjin. The visit helped the two sides to enhance their exchanges and cooperation in a pragmatic way. At present, Quebec is one of the Canadian provinces that closely associate with Tianjin, and the latter attaches great importance to developing its relation with Quebec and is actively promoting a friendly relationship. Quebec and Tianjin have in-depth cooperation in a variety of sectors, ranging from business and

Sister Cities of Tianjin (by the end of 2017)

Sister City	Country	Time of Conclusion
Kobe	Japan	1973-06-24
Philadelphia	USA	1980-02-10
Melbourne	Australia	1980-05-05
Yokkaichi	Japan	1980-10-28
Sarajevo	Bosnia and Herzegovina	1981-05-28
Region Nord Pas de Calais	France	1984-10-10
Lombardia Region	Italy	1985-05-09
Groningen	Netherlands	1985-09-12
Chiba	Japan	1986-05-07
Plovdiv	Bulgaria	1989-10-15
Izmir	Turkey	1991-09-23
La Ville d'Abidjan	Cote Divoire	1992-09-26
Ulan Bator	Mongolia	1992-09-27
Kharkov	Ukraine	1993-06-14
Jonkoping	Sweden	1993-09-23
Inchon	ROK	1993-12-07
State of Saarland	Germany	1994-09-28
Lodz	Poland	1994-10-11
Rio de Janeiro	Brazil	1995-04-18
Orange County	USA	1997-08-01
State of Amazon	Brazil	1997-10-20
Haiphong City	Vietnam	1999-01-08
Wellington	New Zealand	2011-07-23
East Java	Indonesia	2012-09-24
CREA (Agglomeration community of Rouen-Elbeuf-Austreberthe)	France	2013-05-21
Oregon State	USA	2014-06-10
Réunion	France	2014-10-17



trade, culture to education, and all reached positive results. In November 2017, a delegation of 22 people from Akita prefecture, Japan, visited Tianjin and shared their views on friendly exchanges and cooperation, and reached a MoU on tourism with Tianjin. In the same month, Tianjin welcomed a delegation from its first sister state in the United States, Oregon state. The two sides signed a MoU that aims to promote inter-city pragmatic cooperation. Moreover, the delegates attended the opening ceremony of Oregon pavilion in an expo of Tianjin's sister cities' products.

International Exchanges

Tianjin's international exchanges and cooperation have been deepening from different prospects, thanks to Tianjin's growing international influence and

Tianjin medical team shows boundless love in Africa



In 1963, Tianjin took part in a task of dispatching medical teams to Algeria, which marked the beginning of Tianjin's medical aid to foreign countries. In 1967, Tianjin organized medical teams independently to the Republic of Congo.

In over 50 years, it has sent 43 batches of medical teams to Africa, with members of 1,182 staff. These medical teams have treated 7.66 million patients and have performed 160,000 operations.

In 2013, President Xi Jinping received Tianjin medical team and put forward the spirit of the medical team: show no fear of hardship, highly dedicated, heal the wounded and rescue the dying as well as boundless love.

the all-around social and economic development, particularly the booming exhibition industry. A variety of international well-known conventions and exhibitions have their venues in Tianjin, such as Summer Davos Forum, World Intelligence Congress, China Mining Congress and Expo, and China (Tianjin Binhai) International Eco-City Forum. The city's image and international influence have been enhanced significantly. In 2017, Tianjin hosted a series of international conventions, such as the first World Intelligence Congress, the second meeting of BRICS Ministers of Culture, and the Tianjin Summit of Yabuli China Entrepreneurs Forum.

Tianjin keeps broadening its exchanges and deepening pragmatic cooperation with its sister cities and has gained fruitful results. In June 2017, Tianjin government sent a delegation to Germany, Belgium and France, on the invitation of the 3 countries, for a 10-day visit. During the delegation's stay in Germany, the administration committee of Tianjin Economic-Technological Development Area and Volkswagen Group reached an investment cooperation agreement on the power motor project APP290, as well as a MoU on the APP310 project. The delegation signed a MoU with Antwerp on strengthening friendly exchanges and cooperation, and a letter of intent with Nice to promote pragmatic cooperation in the fields like education & technology, tourism & trade, culture & art and city protection. During the visit in the 3 countries, the delegation took part in 32 activities such as meeting, agreement signing and field surveys. As a result, it reached 28 cooperation agreements and letters of intent worth over 20 billion CNY.

Tianjin has increasingly close exchanges and cooperation with Hong Kong,



The second meeting of BRICS Ministers of Culture was held in Tianjin



The International Forum on the Belt and Road Port Cities opened in Tianjin

Taiwan and Macao. Hong Kong is the biggest overseas investment source and most important financing platform for Tianjin in recent years. More than 9,000 Hong Kong enterprises have settled down in Tianjin, and many Tianjin enterprises go global through Hong Kong. To date, dozens of Tianjin enterprises have been listed in Hong Kong. Since the direct flights between Tianjin and Macao opened 5 years ago, it became a bridge to connect the two sides' political, economic and cultural exchanges and plays an important role in deepening the two sides' cooperation. The events such as the 10th Tianjin Taiwan international fair for investment and cooperation and also the 2017 Tianjin Taiwan commodity expo, 2017 Tianjin media exchanges summit were held in Tianjin, and yielded fruitful results for the two sides' exchanges and cooperation.

Hong Kong SAR launches liaison office in Tianjin

Tianjin Liaison Office of the Hong Kong Special Administration Region was inaugurated on Sept. 14, 2017. The liaison office will commit to promoting trade, economic and cultural exchanges and cooperation between Tianjin and Hong Kong, and also to strengthening its support to Tianjin-based Hong Kong business.

It will serve as a bridge to promote the all-round cooperation for the two sides, so as to make the two places' distinctive industrial advantages into win-win results, and promote the construction of the Belt and Road Initiative and the prosperity and development of both sides.

The establishment of the liaison office will take the governmental cooperation of Tianjin and Hong Kong to a higher level.

The Latin American Diplomatic Envoys' Tianjin Tour

In November 2017, Tianjin successfully hosted the Latin American Diplomatic Envoys' Tianjin Tour. A total of 14 diplomatic envoys to China from 8 Latin American countries attended this event. The Tianjin-Latin America economic and trade conference was held during the event, which helps to build a contact channel for over 80 Tianjin enterprises and the Latin American diplomatic envoys. Many cooperation intents were raised at the meeting.

The Tianjin-Latin America economic and trade conference has been held annually in Tianjin from 2015 and gained extensive attention from Latin American embassies in China and the enterprises in Tianjin. It became a brand activity in promoting the economic and trade exchanges and cooperation between Tianjin and Latin American countries.

International forum on the Belt and Road Port Cities opens

Themed on "Forge Development Synergy across Land and Seas", the International Forum on the Belt and Road Port Cities was held in Tianjin in December 2017. Officials, port cities' leaders, entrepreneurs and scholars of think tanks from about 40 countries attended this forum, at which the international advisory committee of the Belt and Road Think Tank Cooperation Alliance was officially established.

During the forum, Tianjin reached a series of agreements with Brazil, Spain and South Korea, involving friendly exchanges and cooperation in the fields of ports, humanities and social sciences.

Role in the Belt and Road Initiative

Tianjin is being deeply involved in the Belt and Road construction, serving the national overall strategy for opening-up, and keeps improving the all-around opening-up.

In 2017, the city issued two action plans, concerning the integration with the Belt and Road construction and improving the healthy and orderly development of overseas investment and cooperation respectively. The two plans help to deepen and broaden the exchanges and cooperation with the countries along the Belt and Road. It gives support to promote the construction of cooperation platforms and key projects such as China-Egypt Suez Economic and Trade Cooperation Zone and overseas Chinese business industrial cluster.

Moreover, Tianjin accelerates the construction of Tianjin China-Europe advanced manufacturing industry park and fully involves in the construction of

China-Pakistan Economic Corridor. It has reached consensus on the construction planning of a coal-fired power plant in Pakistan's Gwadar Port and the cooperation agreement of setting up Punjab Tianjin University of Technology.

Tianjin's professional education training center in Cambodia was already approved by the Ministry of Foreign Affairs and the construction is launched.

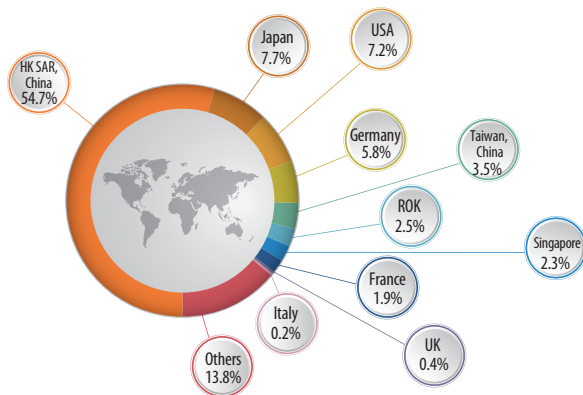
Tianjin is actively promoting "Lu Ban Workshops" in the countries along the Belt and Road, and those in UK, India and Indonesia were already put in operation. By uniting over 20 organizations in 14 countries, it has established a sci&tech cooperation and innovation alliance and supported the sci&tech enterprises to establish 26 overseas R&D institutions.

Overseas Investment

With good economic development and continuously improving investment environment, Tianjin provides a sound development space for overseas direct investment. In 2017, Tianjin government issued several opinions on expanding opening-up and active use of overseas investment, aiming to implement a more proactive open-driven strategy and strengthen construction of investment attraction platforms. Tianjin has newly approved 951 overseas-invested enterprises in 2017, when the contract overseas capital totaled \$26.423 billion, and it utilized \$10.608 billion of overseas investment, up 5.0% year on year. The number of enterprises in Tianjin that ranked in the Global Fortune 500 hit 167.

The Structure of Tianjin's Actual Utilized Overseas Capital in 2017

(countries and regions investing in Tianjin)



Tianjin Summer Davos Forum

In 2018, Tianjin will make and issue more investment preferential policies to support the projects that make great contribution to local employment, economic development and technological innovation. The policies will help to cut enterprises' costs in terms of investment, operation and institutional transaction, and protect the rights and interests of overseas investment and the investors in accordance with the law, in order to create a better investment environment.

Tianjin Summer Davos Forum

The Annual Meeting of the New Champions, jointly proposed and established by Chinese government and the World Economic Forum, is a global summit that aims to create an experience discussion and sharing platform for the growth-type companies across the world and to promote the world economic development.

The Annual Meeting of the New Champions, or Summer Davos Forum, is held annually in China in summer from 2007.

The forum is a gathering of the growth-type companies' CEOs or director-level senior executives, the forum foundation member enterprises' CEOs, CTOs and CFOs, as well as political leaders, corporate strategists and young scientists from different countries.

Tianjin has successfully held 5 sessions of Summer Davos Forum and will continue in 2018. Through this platform, Tianjin has demonstrated its image as an energetic new city leader. Its international visibility and influence, as well as its opening-up level and internalization process, were improved.



Public Services

Elementary Education

Higher Education

Vocational Education

Medical Service

Social Security

Social Relief



Students learn aviation knowledge in campus

Elementary Education

Tianjin has continued to carry out 3 rounds of modern standardization construction for compulsory education, promoted the exam-free school admission for compulsory education, set up a mechanism for teachers and principals' exchange and rotation, and implemented the free compulsory education policy. All of the 16 districts have passed the national assessment on balanced primary schools. The unification of Tianjin's urban and rural primary education is high in the whole country.

Tianjin decides to accelerate the implementation of the preschool education Five-Year Plan and to carry out the construction, reconstruction, expansion and improvement of 106 kindergartens across the city. It is also actively setting up modern standards of compulsory education schools for the third round, and altogether more than 330 compulsory education schools have passed

Five Tianjin universities listed in national "Double-First Class" program

The universities and disciplines list of the "Double-First Class" program was released in September 2017, by the Ministries of Education, Finance, and National Development and Reform Commission. Five Tianjin universities are enlisted: Nankai University, Tianjin University, Tianjin Polytechnic University, Tianjin Medical University, and Tianjin University of Traditional Chinese Medicine.

The Elementary Education of Tianjin in 2017

Category	Number of schools	Number of students	Number of full-time teachers
Kindergartens	1,997	261,500	16,700
Primary schools	857	648,000	43,000
Middle schools	338	262,200	26,800
High schools	187	163,600	16,500

The data were recorded by the end of 2017

the standard test. According to the plan, the kindergarten education quality 3 years before school would have been largely improved in the city by 2020, and the gross enrollment rate of children at the right age into kindergartens 3 years before school will surpass 96%; a balanced development of urban and rural compulsory education will reach a higher level, with a steady rate of above 99%; the general high school education will be diversified with characteristic development, making the gross enrollment rate of high-school education reach 98%. By 2020, Tianjin will build up an elementary education system that is fair and inclusive, of good and balanced quality, with distinctive features, and being creative.

Higher Education

The city is speeding up its construction of world-class universities and disciplines reflecting the characteristics of Tianjin and China, and encouraging the transformation and development of a group of higher institutions. Tianjin will mainly support Nankai University and Tianjin University to become world-class universities, and support about 9 municipal colleges and two co-building universities to construct high-level, characteristic universities; it will build about

Nankai University on the core professional think tank list of China think tank AMI ranking

The "China Think Tank Comprehensive Evaluation AMI Research Report (2017)", released by Chinese Academy of Social Sciences, has published the core think tank list under China Think Tank Comprehensive Evaluation, and the College of Economic and Social Development at Nankai University was enlisted as an A-level economic think tank among higher institutions.

President Xi Jinping's letter in reply to encourage Nankai University students

President Xi Jinping gave a letter reply on Sept. 23, 2017 to 8 Nankai University students who were newly enrolled in the army.

In the letter, President Xi gave credit to their action of carrying the pen to the army and serving the country, and encouraged them to devote their efforts into the practice in realizing the great dream of Strong Army, to achieve a splendid youth without regrets.

30 international or national first-class disciplines with academic advance; and it will construct about 50 special subject groups joining the city's industries, support some disciplines from municipal colleges to become national first-class disciplines, and give support to some disciplines to link with the city's leading industries, building a bridge between academic disciplines and industries.

By 2020, the gross enrollment rate of Tianjin higher education will surpass 65%; college students per 100,000 people will be over 4,500; college student population will reach 580,000; overseas college students will surpass 6%; the new workforce has an average of 15.5 years of education; and above 40% of the workforce at working age has a higher education degree.

Nankai University It is a key national comprehensive university backed by the Ministry of Education, and the alma mater of Zhou Enlai, the first prime minister of the People's Republic of China.



The Library of Nankai University (Jinnan Campus)



Students from Tianjin University are honored the Global Youth Innovator Award

At the International Consumer Electronics Show (CES) held in Las Vegas in January 2018, two students from Tianjin University, Deng Yanliang and Yang Shuhan, the only college representative team from China, won the iCAN CES global Youth Innovator Award honored by the iCAN international headquarters, because of their work *Ultra-Classify* that won the first prize in iCAN International Contest of Innovation earlier.

Nankai University was founded in 1919 by patriotic educators Yan Xiu and Zhang Boling. Adhering to the motto of "Dedication to public interests, acquisition of all-round capabilities, and aspiration for progress with each day", Nankai University has fostered a large number of outstanding figures, such as Zhou Enlai, Shiing-shen Chern, Wu Dayou and Cao Yu.

Nankai University has extensive influence in the world. It has cooperation and communications with over 100 world-famous universities and academic institutions. A large number of celebrities were engaged as honorary professors at Nankai University, such as Nobel Prize winners Chen-Ning Yang, Tsung-Dao Lee, Samuel Ting, Robert Mundell, Peter Doherty, former U. S. Secretary of State Henry Kissinger and former French Prime Minister Laurent Fabius.

Tianjin University It is a national key university backed by the Ministry of Education. Its predecessor Peiyang University, founded in 1895, was the first modern university in China. With the aim of invigorating the country through education, the university learned from famous universities in Europe and the

Tianjin's Public Expenditure on Education (billion CNY)



(year)



Tianjin Juilliard School to recruit graduate students globally

The Juilliard School, world top arts school in the US, has joined hands with Tianjin Conservatory of Music to set up Tianjin Juilliard School in Yujiapu, Tianjin Binhai New Area. As the only overseas branch of the Juilliard School of US, Tianjin Juilliard School carries out graduate education, prior course, non-academic credential training, music training programs and non-profit performances, facing both Chinese and overseas students.

Based on the plan, Tianjin Juilliard School will start to welcome the first group of students in autumn 2019. More people gifted with arts talent could enjoy world top artistic education in the Binhai New Area.

United States and endeavored to cultivate students mastering new technology and culture. It served as a bridge for the communications between Chinese and western higher education.

Adhering to the motto of "seeking truth from facts", Tianjin University has cultivated a large number of outstanding people for the society, including economist Ma Yinchu, diplomat Wang Zhengting, mathematician Qin Fen, poet Xu Zhimo, mining and metallurgy expert Wang Chongyou, and jurist Wang Chonghui. The famous scholars who have taught at the university include bridge expert Mao Yisheng, jurist Zhao Tianlin, mechanical expert Shi Zhiren, chemical expert Hou Debang, and water conservancy expert Zhang Hanying.

Tianjin Medical University It founded as Tianjin Medical College in 1951, Tianjin Medical University changed its name in 1994 after combining the Tianjin second Medical College. Of all Chinese medical universities, it has the largest number



Training on unmanned aerial vehicle

of foreign students. It is also the first training center of English teachers in China (Medicine) designated by the Ministry of Education. It takes the medical science as the core and focuses on life science, aiming to build itself into a high-level research-based university.

The university has established academic exchanges and cooperative relations with 94 universities and research institutions in 22 countries and launched a foreign expert advisory committee, which employs 119 world-renowned medical experts and professors as honorary professors and visiting professors of various disciplines in the university to carry out high-level international cooperation.

Vocational Education

Tianjin has steadily promoted the construction of an upgraded version of the demonstration zone for vocational education, on the basis of continuing to maintain the advantages as the birthplace of Chinese vocational education. The city has successfully held the 10th National Vocational College Skills Competition and the third Vocational Education Week, and established the transformation center for the achievement from vocational college skills competition contest and national vocational education teaching resource development and production center. 6 undergraduate majors of Tianjin Sino-German University of Applied Sciences have been approved by the Ministry of Education; the city has newly set up a new industry steering committee and 3 new vocational education groups for lifelong learning; publishes community



educational development opinions and development plans for education for senior citizens; releases citizen lifelong learning cards in pilot areas; and now has 4 overseas “Lu Ban Workshops” for vocational colleges.

By 2020, most vocational colleges in Tianjin will achieve first-class level in China, laying a solid foundation for Tianjin Sino-German University of Applied Sciences to become a world-class university with Chinese characteristics. The city will also build 10 national vocational education groups as pilots, add two to 3 regional vocational education groups that serve lifelong learning, build 20 vocational colleges of world advanced level, make and implement 100 international professional teaching

Nankai University lab chemically synthesizes anti-cancer natural products



Nankai University’s national key laboratory of pharmaceutical chemistry and biology has realized the chemical synthesis of anti-cancer natural products BE-43547A2 for the first time in November 2017, and has experimental proof that the compound could kill pancreatic cancer stem cells selectively, showing its potential for wider drug exploitation.

The paper that introduces this product has been selected as “hot paper” by *Angewandte Chemie*, a German chemical periodical, and re-published by more than 10 technology news websites globally, grabbing wide attention. “This research is a big step forward in human’s history of beating pancreatic cancer”, said the periodical in a news article reporting the research’s results.

Information of Some Medical Institutions in Tianjin

Hospital	Brief Introduction
Tianjin Medical University General Hospital	A national Grade A hospital, and a designated hospital for overseas staff. The largest comprehensive university hospital integrating medical treatment, teaching, research, and prevention; together with the Tianjin western medical center it was ranked as one of the top 100 hospitals in China, and a national trustworthy hospital
Tianjin First Central Hospital	A national Grade A hospital; designated hospital for overseas staff. This comprehensive hospital integrates medical treatment, teaching, research, and prevention, and is strong in organ transplantation, emergency medicine, and ear-nose-throat treatment. It is also one of the leading medical centers in Tianjin
Tianjin United Family Hospital	The first solely foreign-funded general hospital in Tianjin, and designated hospital for foreign staff in Tianjin. The departments include pediatrics, obstetrics and gynecology, general department, dental, skin and cosmetology department, internal medicine, surgery, physiotherapy, etc. and gastroscopy and colonoscopy services. Patients can get clinic and emergency treatment as well as hospitalization services in English and Chinese
The First Affiliated Hospital of Tianjin TCM University	A national Grade A hospital. Its competitive strength lies in its two national bases of TCM clinic research of stroke and coronary heart disease. It integrates both traditional Chinese medicine and western medicine
Tianjin Cancer Hospital	A national Grade A hospital; the cradle of cancer medicine in China. Integrating medical treatment, teaching, research and prevention, it is the largest base for cancer treatment in China
Tianjin Huanhu Hospital	A national Grade A hospital. Strong in neurology and neurosurgery, it integrates medical treatment, teaching, research and prevention
Tianjin Chest Hospital	A national Grade A hospital. It is strong in the treatment of heart and lung diseases, integrating medical treatment, teaching, research, and prevention
Tianjin No. 2 Children’s Hospital	As a national top-level hospital, Tianjin No. 2 Children’s Hospital provides a wide range of pediatric healthcare services to patients from North China
Tianjin Central Obstetrics and Gynecology Hospital	A national Grade A hospital; an important pediatric health care center in North China. It integrates medical treatment, teaching, research, and prevention. It is also a clinic hospital for Tianjin Medical University, and a teaching base for Nankai University, Tianjin University of Traditional Chinese Medicine, and Tianjin Medical School
Institute of Hematology and Blood Diseases Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College	The only Grade A blood disease hospital in China. It is domestically leading and internationally advanced in the diagnosis and treatment of common blood diseases, especially malignant blood diseases
TEDA International Cardiovascular Hospital	A national Grade A hospital; a state training base for coronary heart disease and arrhythmia interventional treatment; a state base for standardization training of residents. It has national key clinical projects in cardiovascular surgery, cardiovascular internal medicine and nursing

standards, train a group of technical talents with international competitiveness, and strive to establish 10 “Lu Ban Workshops” overseas.

Medical Service

Tianjin has always been paying much attention to protecting and improving people’s livelihood, accelerating the construction of a Healthy Tianjin, deepening the medical and health system reform, taking a leading role in the country to cancel the addition fees on consumable materials, and effectively controlling the increase rate of medical expenses. The city keeps improving medical and health service system by fully implementing family physician signing program, and for now 3.96 million have signed up for the program. The city has realized ahead of schedule a direct payment of hospital expenses in medical insurance outside the registered address. 145 medical institutions in Tianjin have been brought into the system of taking medical treatment outside the registered address, and 240,000 residents are on the records. Tianjin is also setting up the guarantee system for major diseases. 36 drugs under the negotiations for price and administration by the nation have been included into the medical insurance drug catalogue.

Medical and health service system is in continuing improvement. By the end of 2017, the city had a total of 5,538 medical organizations of all sorts, an increase of 96 from the end of the previous year; there were 68,400 beds in health facilities, an increase of 2,600 from the end of the previous year; and 100,900 medical technicians, 6,000 more than the end of the previous year.

Tianjin improves “medical + nursing” elder care services

Tianjin is actively building an elder care service model featuring home-based, relying on communities and taking nursing agencies as supplement.

- At home family doctors serve the senior citizens who sign up for the services.
- At community level the senior citizens are served at the nearest medical institutions.
- At institutional level medical institutions offer express channels for the senior citizens’ appointments.

By the end of 2017, more than 80% of elder care service centers or medical institutions had signed up to provide services. By the end of 2020, the senior residents in Tianjin who sign up for “medical + nursing” services will have their family doctors and realize full coverage of such services in urban and rural areas.



A day care center for senior citizens

Social Security

Tianjin keeps improving its overall planning of urban and rural social security system and has taken the lead in realizing the integration of social welfare for urban and rural residents in China, and the nation’s social security system has taken shape while the quality of residents’ lives has been improved significantly. In the past 5 years, 20 livelihood projects have been implemented each year, and more than 75% of the city’s fiscal expenditure has been spent on the livelihood of the people. The Tianjin part of the South-to-North Water Diversion Project middle line has been completed, while food safety supervision has been significantly strengthened. The tasks of helping villages in poverty and liaising with community service are well achieved. Scientifically advancing and lengthening the heating period is generally welcomed by the public.

Tianjin continues to strengthen and improve social insurance. In 2017, Tianjin spent 45.892 billion CNY on social security and employment, an increase of

Tianjin retiree pension sees growth for 13 consecutive times

In 2017, Tianjin took 20 measures to improve its residents’ income. The pension for the retired employees has achieved 13 times’ consecutive growth and the minimum wage standard has been raised from 1,950 CNY to 2,050 CNY monthly.



Tianjin SOS Children's Village



Tianjin volunteers serving the 13th National Games

21.4% over the previous year. The public insurance participation plan is in full implementation and the coverage of social insurance continues to expand. As of the end of 2017, the number of citizens participating in medical insurance in the city was 10.88 million, an increase of 216,800 from the end of the previous year; the number of people joining the basic pension insurance was 8.12 million, an increase of 383,200. The standards of subsistence allowances for low-income families and the physically disadvantaged have been unified in urban and rural areas, and price subsidies for rural residents with difficult living conditions have been raised. 110 million CNY has been subsidized for 3.57 million people in 2017.

Tianjin continues to increase its housing security and speed up the improvement of the people's living environment. The city has formulated suggestions on the implementation of fostering and developing the housing rental market, and improved the multi-level housing security system. In 2017, 510,000 sq m of urban shantytowns were reconstructed, 31,800 sets of reconstructed and resettled houses in shantytowns were completed, 5,800 households were newly added to the subsidized housing program, and 5,000 rural dilapidated

Functions of Day Care Centers for Senior Citizens

By 2020, of over 2.8 million senior citizens in Tianjin, 96% will live at their own homes.



houses were remodeled. It has also accelerated the planning and construction of the first batch of 14 characteristic towns, started the construction of 500,000 sq m of residential houses for small town residents, and finished 720,000 sq m of housing; 3 batches of comprehensive pilot projects for new urbanization were in full swing. In 2018, Tianjin will continue to adhere to the position that "houses are used to live in, not used for speculation". It stably controls housing prices, reasonably guides market expectations and house purchase behavior, and speeds up the establishment of a housing system with various suppliers, under multichannel protection and for both house leasing and purchase, to promote a steady and healthy development of the real estate market.

Social Relief

Tianjin assists physically disadvantaged people for their employment and business start-up, by setting up relief stations, business start-up foundations, and internship platforms. In 2017, the city helped 8,402 of the group to secure an employment. By the end of last year, it had 12 relief stations, helping 8,564 people; it had 53,900 beds in social service organizations, which offered accommodation for 31,000 people; the city had 1,251 daycare centers for the elderly, with 9,892 beds, an increase of 67 centers and 2,326 beds respectively from the previous year.

Tianjin is improving its social relief service through developing volunteer service teams. In 2017, 2.05 million volunteers had registered online and the city had 10,063 volunteer service teams.

Day care centers for senior citizens expand functions

By 2020, of over 2.8 million senior citizens in Tianjin, 96% will live at their own homes. To make sure that they can receive better services, the day care centers in the communities will offer a wide range of functions like calling, housekeeping, food preparation and convenience stores. The old people can order goods and services conveniently through the intelligent TV or a phone call.

Tianjin SOS Children's Village

Tianjin SOS Children's Village is among the first children's villages jointly established by Chinese and international SOS children's village organizations; it is also the largest children's village in China. It has adopted 432 orphans in the past 30 plus years and many of them were enrolled in universities. More than 340 children have left the village to work to support themselves.



Culture and Sports

Intangible Cultural Heritages

Folk Culture

Cultural Facilities

Competitive Sports

Citizen's Sports



The Winter of Peacock, a dance show performed by artist Yang Liping was staged in Tianjin Auditorium



A large Yangliuqing New Year Painting was displayed at the opening ceremony of the 13th National Games

As a historical and cultural city in China, Tianjin boasts a wide variety of cultural and artistic heritages: 33 national intangible cultural heritages (Yangliuqing woodblock New Year paintings, “Clay Figurine Zhang” colored sculptures, etc.) as well as Matsu culture, opera and other folk arts. In recent years, Tianjin focused on improving public cultural services and organized a group of activities to benefit its residents. Art consumption has become an integral part of their daily life.

The city promotes international cultural exchanges through “Exploring Tianjin” and exhibitions like “Jews in Tianjin”, “Eric Liddell and Tianjin”, “France and Tianjin”, and “Yangliuqing Woodblock New Year Paintings”. Tianjin’s cultural and artistic delegations performed in the US, Costa Rica and Panama and hosted “Happy Chinese New Year 2018”, which promoted the Spring Festival culture with Chinese characteristics to the world.

Tianjin offers preferential cards for cultural consumption

In March 2015, Tianjin issued the preferential cards that enable residents to get both subsidy and discount for performances such as opera, folk arts, concerts and dance shows, as well as stage plays. It was the first city to issue such cards in China.

In 2017, 3,815 shows were staged, benefiting 1.06 million residents in Tianjin, up 51.02% year on year. In 2018, Tianjin will host over 4,000 performances and provide communication platforms for audiences and performers.

In recent years, Tianjin has been devoted to promoting the development and prosperity of culture and launched 353 projects in 6 batches, including an animation industry park, a creative industry zone, a Matsu culture park and a tourism complex featuring the Great Wall, with an investment of 148.6 billion CNY. It has formed a system featuring 8 categories — culture & creativity, radio & film and television, publication & distribution, performance & entertainment, cultural tourism, digital content & animation, and so on. There were over 20,000 cultural enterprises and more than 400,000 employees in the industry by the end of 2017.

Intangible Cultural Heritages

Yangliuqing Woodblock New Year Paintings The paintings have a history of 600 years and originated from the millennial town Yangliuqing. Their artistic style is a combination of the essences of Chinese fine brush paintings in heavy color and folk woodblock paintings. With realistic and symbolic techniques, the paintings reflect local people’s daily life, folk customs and historical stories. Popular among the people, they are acclaimed as the acme of Chinese woodblock new year paintings.

“Clay Figurine Zhang” Colored Sculptures Zhang Mingshan (1826-1906), founder of the “Clay Figurine Zhang”, developed a unique technique to mold true-to-life clay figurines within his sleeves without looking. His creations, whose themes ranged from folk customs and folk stories to staged operas, were not only delicate in shape, but also vivid in spirit. With well-chosen materials and bright colors, the clay figurines would remain lifelike and intact over a long period of time.



“Clay Figurine Zhang” colored sculptures

Kite Wei Wei Yuantai (1872-1961) was a famous kite-making craftsman who created successively 200 kinds of kites in his life, such as flat style, cubic style, stringed style, integrated style, and combinational style. The kites made by him were named “Kite Wei”. It will



Products of "Kite Wei"

take 8 manual procedures to make a Wei-style kite. It can be taken apart, folded, and spread out. This folk handicraft is ideal for appreciation, collection, and entertainment.

Folk Culture

Matzu culture It is an important part of folk culture in Tianjin, and it plays an important role in the formation and development of the city of Tianjin.

Opera and folk arts Tianjin is one of the birthplaces of cultural arts in northern China and enjoys the reputation of "cradle of opera" and "city of folk arts". Many forms of opera and folk arts were born, cultivated and developed in Tianjin. Among them, Tianjin *Shidiao* (tune), Tianjin *Kuaiban* (clapper talk), Jingyun *Dagu* etc. were born and formed in Tianjin. *Xiangsheng* (cross talk), Peking Opera, *Pingju* Opera, and Hebei *Bangzi* (clapper opera), etc., all



Ma Sanli (1914-2003), a famous Chinese *Xiangsheng* (cross talk) artist, was born in a folk art family and studied all 4 basic skills of *Xiangsheng*: talking (*shuo*), imitating (*xue*), cracking jokes (*dou*) and singing (*chang*) at an early age. He went on stage in 1930 and created numerous works that are popular among audiences. He also developed his unique style in his 80 years' career.

List of National Intangible Cultural Heritages in Tianjin

Traditional Skill	Folk Fine Art
Tianjin <i>Goubuli</i> steamed stuffed bun making skills	<i>Clay Figurine Zhang</i> Colored Sculptures
<i>Kite Wei</i> making skills	Yangliuqing Woodblock New Year Paintings
Tianjin Laomeihua (shoes) manual shoe-making skills	Traditional Music
Guifaxiang 18th Street Fried Dough Twists making skills	Xiangta Music <i>Fagu</i>
Folk Custom	Guajia Temple <i>Qingyin Fagu</i>
Tianjin <i>Huanghui</i> (celebrations for the Queen of Heaven)	Han'gu <i>Feicha</i>
Gegu <i>Baonianhui</i>	Yangjiazhuang <i>Yongyin Fagu</i>
Traditional Folk Arts	Liuyuan <i>Xiangyin Fagu</i>
<i>Xiangsheng</i> (cross talk)	Traditional Medicine
Jingdong <i>Dagu</i>	Angong Niu Huang Pills making skills
Tianjin <i>Shidiao</i> (tune)	Yidecheng Snuffing Medicine making skills
Meihua <i>Dagu</i>	Darentang Qinggong-shoutaowan (pills) making skills
Luo Style Jingyun <i>Dagu</i>	Jingwanhong Ointment recipe and making skills
<i>Xihe Dagu</i>	Longshunrong Tianjin Medicine making skills
Traditional Opera	Traditional Sports
Hebei <i>Bangzi</i>	Li Style <i>Taijiquan</i>
<i>Pingju</i> (local opera)	Lanshoumen martial art
Baodi <i>Pingju</i> (local opera)	Classical play tricks
Peking Opera	Acrobatics and Sports
Folk Literature	Hui Nationality Heavy Sword Martial Art
Legends of the Yangs	

Tianjin Temple of the Queen of Heaven



Tianjin Temple of the Queen of Heaven (Tianhou Temple) was originally built in 1326, located outside the east gate of the ancient Tianjin. Originally, it was called Tianfei Temple (the temple of the concubine of heaven), popularly called Niangniang Temple. As the oldest building group in Tianjin, it was rebuilt many times. It is also one of the earliest Matzu temples in China, and one of the three biggest Matzu temples in the world, the other two being Meizhou Matzu Temple in Fujian Province and Beigang Chao-tian Temple in Taiwan.

have been cultivated and developed in Tianjin. Tianjin fostered hundreds of Xiangsheng artists represented by Ma Sanli, enabling it to become a universally acknowledged cradle of *Xiangsheng* artists. So far, *Xiangsheng*, Pingju Opera, Hebei *Bangzi*, Tianjin *Shidiao*, and Meihua *Dagu* have all been listed as items of national intangible cultural heritages.

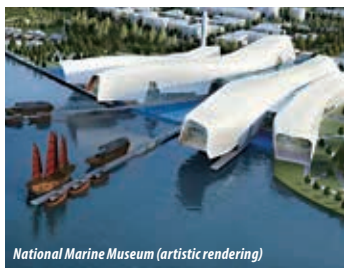
Cultural Facilities

By the end of 2017, Tianjin had 19 cultural centers, 65 museums, 32 public libraries and 239 cultural service stations at grassroots level. The Binhai Cultural Center was opened to the public and the construction of Tianjin Song & Dance Theater and Tianjin Cultural Palace of Nationalities is speeding up.

A Universal-Circulating Service Model has been launched between 20 libraries at district level and Tianjin Library, effectively integrating the resources and improving the services of public libraries. The model also enables readers to find

what they need more conveniently and helps balance the public cultural resources in Tianjin.

Tianjin Cultural Center, a landmark cultural facility of Tianjin with the largest scale, highest standard and largest investment, has become an important carrier to improve the city's cultural



National Marine Museum (artistic rendering)

The first state-level marine museum debuts in Tianjin

Located in the Sino-Singapore Eco-City of Tianjin, the National Marine Museum is the first state-level comprehensive public welfare marine museum in China and will be built into a marine technology communication platform integrating collection & protection, exhibition & education, scientific research, exchange activities and sightseeing and a landmark cultural facility. In 2017, it was preparing exhibits.

The museum covers an area of 80,000 sq m, with the designed capacity of receiving 7,600 visitors each day. Once the museum is open, halls of 7 themes will be available to visitors: Chinese Marine Civilization, the Maritime Silk Road, the Beautiful China Sea, the Ancient Ocean, Today's Ocean, Children's Hall, and Holographic Video Hall.



Classical ballet *Swan Lake*

service and meet the residents' increasing cultural needs. It consists of Tianjin Museum, Tianjin Library, Tianjin Grand Theatre, Tianjin Natural History Museum, Tianjin Arts Gallery, Tianjin Sunshine Paradise, and Tianjin Galaxy International Shopping Mall, etc.

Tianjin Museum It is a comprehensive museum of history and art. Founded in 1918, it is one of the first museums in China. The museum attaches importance to the collection of ancient Chinese art works as well as modern and contemporary historical literature and local historical documents. In addition to 200,000 books and reference materials, its collections include some 200,000 art works of ancient bronze, jade, ceramics, bamboo, horn, calligraphy and painting, Dunhuang books, and modern history literature.

Tianjin Library Founded in 1908, Tianjin Library was one of the first provincial public libraries in China. It now consists of 3 branch libraries, with a design capacity of over 12 million books. With more than 10,000 kinds of valuable books ranging from rare books to chorographies, modern history, and revolutionary literature, it is one of the largest provincial public libraries in China.

Tianjin Grand Theatre Being the largest cultural venue in Tianjin Cultural Center, it consists of several different halls. More



Tianjin Grand Theatre



Tianjin Cultural Center

than a dozen kinds of arts are performed in the theatre, including ballets, operas, symphonies, etc.

Tianjin Natural History Museum Founded in 1914 as Beijiang Museum, Tianjin Natural History Museum took its present name in 1957. It boasts a collection of 400,000 biological specimens, including 1,282 rare items of the first and second classes, and 1,452 type specimens. With "Homeland" as its theme, the new museum is the first panoramic theme museum of natural history that involves nature exploration, scientific experience, and science education.

Beijiang Museum Founded by French naturalist Paul Emile Licent in 1914, Beijiang Museum was honored as the world's "first class" museum in the 1920s and 1930s. It houses more than 200,000 items, including animal fossils, mineral specimens and folk cultural relics. It was reopened to the public in 2016 after renovation.

Tianjin Art Gallery With focus on the collection, research, promotion, and display of modern and contemporary art works, Tianjin Art Gallery is dedicated to aesthetic education and international cultural exchanges. With reference to excellent design elements of similar galleries at home and abroad, the gallery can meet the needs of various exhibitions in functions and space.

Tianjin Concert Hall Founded in 1922 as Ping'an Cinema, Tianjin Concert Hall is the first cinema in Tianjin. It was transformed into Tianjin Concert Hall in 1956. Now, it has become a palace for elegant art.

Tianjin Guangdong Guild Hall Founded in 1907, Tianjin Guangdong Guild Hall is the best preserved and largest guild hall of the Qing Dynasty (1644-1911) in Tianjin. Located in the Ancient Culture Street, it is now known as Tianjin Theatre Museum.



Tianjin Concert Hall



Tianjin Guangdong Guild Hall



Tianjin Olympic Center Gymnasium



Tianjin Women's Volleyball Team won the champion of China Women's Volleyball Super League in 2017–2018 season

Competitive Sports

Tianjin made many achievements in competitive sports events last year. Athletes from Tianjin won 47 gold medals at home and abroad in 2017. Zhu Xueying took the gold in women's trampoline competition at the FIG Trampoline World Cup Competition in Spain. In July, Peng Shuai won her second champion in women's singles at WTA. The Women's Volleyball Team of Tianjin won the 11th champion title in the Chinese Women's Volleyball League. Quanjian Football Club won the championship at Chinese Football Association China League, then finished third in the Chinese Super League and was qualified to take part in

Volleyball Academy of China launched in Tianjin



The Volleyball Academy of China was unveiled in the Tianjin University of Sports Tuanbohu campus on Nov. 10, 2017. It aims to develop into a high-level academy integrating personnel training, research, teaching, competition, physical training, exchange and cultural communication, promote the volleyball game, and facilitate the sustainable development of the sport. Lang Ping, currently vice-president of the Chinese Volleyball Association and head coach of the Chinese Women National Volleyball Team, serves as its president.



The 13th National Games was concluded in Tianjin successfully

the qualifying session of Asian Champions League. Tianjin built the first national training base for rowing and canoeing in North China.

As the host of the 13th National Games, Tianjin delegation won a total of 63 medals, including 19 golds, 17 silvers and 27 bronzes, hitting a record high in the number of golds and total.

Citizen's Sports

Fitness-for-All has been a highlight of the popular sports in Tianjin. The city is actively promoting a public service system for the Fitness-for-All program. In 2017, it set up 100 demonstration communities, fitness clubs for urban and

Tianjin subsidizes residents' fitness spending

In July 2017, Tianjin issued 50,000 preferential cards that enable residents to receive government subsidy for their consumption in 63 sports venues, fitness clubs and outdoor campsites. It was part of the city's Healthy Tianjin campaign and aims to improve people's livelihood.



rural residents, 200 fitness centers. There are 20,000 sports venues, boasting an average of 2.15 sq m sports ground for each person, which is 40% higher than the national average. Tianjin has more than 5,000 sports organizations and 30,000 instructors. 42% of the population are fitness enthusiasts and 93% passed the national physical fitness test.

Tianjin increased more sports and fitness facilities. 100 football fields and 800 fitness centers were built. A Fitness-for-All demonstration park were built in the newly built residential communities of the National Games Village. An intelligent fitness trail was opened in the Water Park and the bases for sports in mountainous areas were improved and renovated.

It hosted various fitness events for residents, such as promoting the third version of aerobics, competitions of football, basketball, volleyball, table tennis, badminton and tennis, and 100 fitness contests with 2 million participants.

National Games promotes healthy lifestyle in Tianjin

The 13th National Games held in Tianjin in 2017 promoted the awareness of Fitness-for-All with its theme—National Games benefiting people and Healthy China. 19 amateur sports items were added, which was the most prominent feature of the event. In these sports items, Tianjin delegation won 5 golds, 3 silvers and 9 bronzes.



The opening ceremony for the amateur sports games at the 13th National Games



"Tianjin Eye" Ferris Wheel on the Haihe River



Tourism

Cultural Tour —
Understanding Modern China through Tianjin

Metropolitan Tour

Tour along the Haihe River

Leisure Tour in Binhai New Area

Tour in the Suburbs

Tourism Expo



Wudadao Cultural Tourism Area

Tianjin boasts plentiful natural resources and humanistic resources which reflect modern history and civilization. The city perfectly integrates the modern with the ancient, the east with the west. Tianjin was rated as one of the outstanding tourist cities in China by the National Tourism Administration in 1999.

Tianjin has built 6 tourist brands with special features, including Cultural Tour — Understanding Modern China through Tianjin, Metropolitan Tour, Tour along the Haihe River, Leisure Tour in Binhai New Area, Tour in the Suburbs, and China Tourism Industry Expo, so as to develop itself into an influential tourism city and international tourist destination.

In recent years, Tianjin has been focusing on the all-region tourism strategy, which takes an entire region as a tourist destination, and actively promoting the coordinated development of tourism in the Beijing-Tianjin-Hebei region. It is committed to facilitating the tourism and cultural cooperation among the countries and regions involved in the Belt and Road Initiative, developing more

Tianjin selected as global best tourism practices sample city

The UN World Tourism Organization (UNWTO) announced a list of 15 global best tourism practices sample cities in October 2017. Tianjin, together with another two Chinese cities — Beijing and Hangzhou, as well as cosmopolitans like Berlin in Germany, Copenhagen in Denmark, Tokyo in Japan and Seoul in South Korea, are on the shortlist.



China Tianjin Wudadao Tourism Festival

The 14th China Tianjin Wudadao Tourism Festival kicked off at a historical site—Prince Qing’s Mansion on Dec. 13, 2017. Various activities such as an exhibition featuring Tang Dynasty cultural relics, performance on weekends, concerts, New Year celebrations and an exhibition featuring clay figurines, dough modeling were held to offer a cultural feast to local residents and visitors both at home and abroad. The activities also further promoted the foreign style buildings and demonstrated the strengths of Tianjin in the construction of an all-region tourism demonstration area.

leisure tourism products such as rural home-stay, agricultural tourism, industrial tourism, red tourism (visits to historical sites with a revolutionary legacy), sports tourism, and offering high-quality and diversified products for tourists.

Cultural Tour — Understanding Modern China through Tianjin

Tianjin is one of the first Chinese cities to have contact with modern western civilization. Foreign buildings of various styles have been built and preserved in Tianjin, which form a group of historic buildings represented by those at “Wudadao”. In modern times, Tianjin once became the political center of China. Some presidents and premiers in the 1910s, and some revolutionary pioneers relocated and stayed in Tianjin. The former residence of each celebrity carries a part of history.



Distribution of Some National Tourist Areas in Tianjin



All this makes Tianjin a good choice for tourists to develop a good understanding of modern China.

Eight architectures in Tianjin included in 20th Century Architecture Heritage List

Five buildings in Tianjin—Quanyechang Mall area, Wudadao architectural complex, former site of Peiyang University, the main building of Tianjin University and the architectural complex in the Marco Polo Square, were among the first batch of the 20th Century Architecture Heritage List, which was released in September 2016.

Tianjin had another three entries—the Astor Hotel, the architectural complex in Jiefangbei Road and Guangdong Guild Hall on the list in November 2017.



Italian-style Tourist Area

Wudadao Culture Tourist Area It is a national 4A-class tourist area, refers to the rectangular area south of Chengde Road, north of Machang Road, east of Xikang Road and west of the junction between Machang Road and Nanjing Road. There are more than 2,000 garden villas built in the 1920s or 1930s, 300 of which are historic buildings or former residences of celebrities. Therefore, it is known as the “Museum of Foreign Buildings”.

Italian-style Tourist Area It is a 4A tourist area in China, with the largest-scope and best-preserved Italian-style group of buildings in Asia. The Italian-style buildings are from different periods, with various styles, and most of them used to be former residences of celebrities. The newly-furnished Xinyi Street and Music Square are there.

Serenity Garden It is the former residence of Pu Yi, the last emperor of the Qing Dynasty (1644-1911). It is now a historic building under special protection in Tianjin and a national 3A tourist area. It was built in 1921 as Qian Garden and was later renamed as Serenity Garden after Pu Yi moved there in July 1929. There is an exhibition hall of Pu Yi, with more than 100 pictures and documents, displaying the legend of the last emperor and his life in Tianjin.

Metropolitan Tour

Tianjin was a busy industrial and commercial city in modern times; today's Tianjin shines like a pearl on the Bohai Bay. The century-old Heping Road



Binjiangdao commercial street

Golden Street and Nanshi Food Street both show typical Tianjin flavor; Tianjin Municipal Cultural Center, Tai'an Road British Style Tourist Area, Water Park and other modern urban leisure places all create a relaxed atmosphere in the modern city; Tianjin Museum and other museums record the history of Tianjin, and display the profound cultural heritages of Tianjin.

Tai'andao British Style Tourist Area It is located at the center of Tianjin city proper. It is at the focal point of modern finance, business, tourism, and modern service sector, as well as a historic and cultural block clarified in the overall development plan of Tianjin. The Astor Hotel, the former Kailuan Coal Mining Administration, and the Anglican Church are there.

Hepinglu Golden Street The 2,100m Golden Street is one of the 10 most famous commercial streets in China. With Heping Road and Binjiang Road forming a golden cross, this area has become the most prosperous commercial zone in Tianjin. Along the golden street are western-style buildings, such as Quanye Bazaar, Huizhong Restaurant, Jiaotong Restaurant, and Guomin Restaurant, which have nearly 100 years' history. On both sides of the street stand both old stores with time-honored Chinese brands and exclusive shops of international fashion. It is an ideal choice for tourism, leisure, entertainment, and shopping.

Ancient Culture Street With Tianhou Temple as its center, the state-level 5A tourist area consists of the southern street and the northern street, with a total length of 680 meters. Its history can be traced back to 1404. The buildings imitate the styles of Ming (1368-1644) and Qing (1644-1911) Dynasties, and the shops on the street mostly sell traditional Chinese stationery, jade, porcelain, etc. Each year, traditional temple fairs and Matzu Culture Tourism Festival are held here.

Local Food in Tianjin There are numerous snacks with distinctive local flavor. Tianjin Cuisine is a unique cuisine in China, which has developed over hundreds of years. Restaurants with Tianjin characteristics can be found almost everywhere, the most famous ones being *Goubuli Baozi*, *Zhengyangchun Roast Duck*, as well as



Guifaxiang mahua (fried dough twists)



Jinwan Square

time-honored local brand Hongqishun, a Muslim restaurant with 80-year history. People can taste the specialties and explore the charm of local culture.

Tour along the Haihe River

With several rivers flowing through, Tianjin has long been known as the water city in the north. The 72km Haihe River meanders through the city and flows into Bohai Sea. The Haihe River has nurtured the people in Tianjin, also cultivating the unique character of the city of Tianjin. After comprehensive development, the river demonstrates its strong service functions as an economic belt, cultural belt, and scenic belt. Taking a boat, one can enjoy the wonderful sights of the modern metropolis along the river. The tourist elements along the river, ranging from food to housing, transport, shopping and entertainment, all highlight the distinct glamour of Tianjin.

Tianjin International Cruise Home Port

Located in the south point of Dongjiang Port of Tianjin Port, Tianjin International Cruise Home Port is the largest in Asia. With a planned area of 1.2 million sq m, it has a 1,600m shoreline and 6 berths for large cruise liners. It can berth the largest luxury cruise ship in the world.

In 2017, it received 175 voyages and about 1.31 million inbound and outbound visits, up 26% and 36.4% year on year respectively, hitting a record high. It boasts the largest number of visitors in North China and ranks second in the country.

“Tianjin Eye” Ferris Wheel It is the only Ferris wheel in the world that is built on a bridge. With a diameter of 110 meters and 48 cabins, the Ferris wheel can accommodate 384 people at the same time. At its highest point, which is equivalent to the height of 35 floors, the tourists can enjoy scenery around 40 kilometers, hence the name “Tianjin Eye”.

Leisure Tour in Binhai New Area

Located at the eastern coastal area, Binhai New Area boasts plentiful tourist resources, including the sea, port, bay, fort, the Haihe Bund Park, the Polar Ocean World, Expo Tianjin Pavilion, and the international cruise home port, as well as unique tourist products based on the industrial tourist resources such as the Airbus A320 Family Aircraft Tianjin Assembly Line and Tianjin Port.

Binhai New Area Cultural Center Located in the CBD of Binhai New Area, the cultural center has a floor space of 312,000 sq m and is a unique comprehensive facility that combines the Modern City and Industry Exploration Hall, the Modern Art Gallery, a library, a show center, a citizen activity center and a cultural corridor. The deliberately designed Binhai New Area Library enables readers to be “immersed” in a sea of books.



Tianjin International Cruise Home Port



Binhai Library

The Haihe River Bund Park Located near the estuary of the Haihe River in Binhai New Area, it is a modern urban scenic area integrating leisure, entertainment, shopping, and food. The park consists of 5 parts: the entertainment area, the commerce and leisure area, the landscape area, the high-stand landscape area, and the fountain landscape area. Its whole landscape water area is about 9,000 sq m. The Oriental Princess Cruise, which is berthed beside the park, is known as a “water star-rated hotel” integrating catering, entertainment, recreation, and sightseeing.

Binhai Liyumen Lying at the center of Binhai New Area, it covers an area of 60,000 sq m. Its buildings, mostly courtyard dwellings, are in the style of Ming and Qing Dynasties. Here, visitors can not only enjoy the local seafood products, but also take the boat, worship the sea goddess Matzu, or go fishing in the sea.



Binhai Liyumen

Ancient Forest and Ancient Coast Museum It is located in the core shell dike region of Tianjin National Nature Reserve of Ancient Coast and

Wetland. The museum and the nature reserve cover 2,200 sq m and 6 hectares respectively. They systematically demonstrate the geological changes of Tianjin.

Tianjin Haichang Polar Ocean World It is located in Xiangluowan Central Business District in Binhai New Area, south of the Haihe River. It consists of 4 functional areas: Polar Aquarium, Finland Apartment, Polar Commercial Circle, and Danish Castle.

Tour in the Suburbs

The mountain areas in Jizhou District in north Tianjin, with mountains, forests, lakes, passes and temples, are an ideal resort for green tourism. The national 5A scenic site Panshan Mountain, the world heritage Huangyaguan Great Wall, and the thousand-year Dule Temple are wonderful places for tourists. Living like a real peasant in the mountain brings ecstatic joy to the urban tourists.

Huangyaguan Great Wall Standing on the fault ridge in the Jizhou District National Geological Park, Huangyaguan Great Wall is a world cultural heritage and a national 4A scenic spot. Built in 556 and rebuilt in the Ming (1368-1644) Dynasty, this section of the Great Wall stretches from Malan Pass in Zunhua, Hebei Province to Jiangujun Pass in Pinggu, Beijing, with a total length of 42km. There are watch towers, border bunkers, Bagua castles, military camps, water defense devices, as well as a forest of stone tablets and famous couplets.

Panshan Mountain Being a national 5A scenic spot in the northwest of Jizhou District, it is a National Demonstration Area of Ecological Tourism. It is known for the pines in the upper part, stones in the middle part, and water in the lower part. The 856.8-m Guayue Peak, its highest peak, has been listed as one of the top 15 tourist attractions in China. The majestic mountain and wonderful scenery have attracted emperors in different dynasties. Emperor Qianlong in the Qing (1644-1911) Dynasty visited the mountain 32 times and gave high praises of its beauty.



Panshan Mountain



A show of traditional costumes at Shis' Grand Compound

The Shis' Grand Compound It is located at the center of Yangliuqing Town, Xiqing District. Covering nearly 10,000 sq m, it is known as the No. 1 residence in North China for its grand pattern. In 1987, it received protective restoration; in 1991, Tianjin Yangliuqing Museum was established here to demonstrate the Qing residents' architecture art and traditional folk culture.

Tourism Expo

With the theme of "a gala of tourism industry, a stage of win-win operation", China Tourism Industry Expo 2017 aimed to actively boost the integration of tourism with relevant industries, implementing the Belt and Road Initiative

In 2017, tourism revenue of Tianjin reached **354.544** billion CNY, up **12.4%** year on year.

The city received:

a total of **211** million visits, up **10.5%** year on year

3.45 million inbound visits, up **3.0%** year on year

175 international cruise ships, up **23.2%** year on year



Yacht exhibition at the China Tourism Industry Expo

and the Coordinated Development of the Beijing-Tianjin-Hebei Region, as well as the innovation and development of tourism equipment manufacturing by developing tourism productivity. The expo launched 7 exhibition areas, 4 themed forums, attracted roughly 270,000 visitors, and the on-site and intentional transaction volume reached 20 billion CNY. The event effectively facilitated regional coalition and international cooperation and boosted the popularity and reputation of the tourism industry of China and Tianjin.

"Tianjin Tourism Calendar 2018" officially released

In January 2018, "Tianjin Tourism Calendar 2018" was officially unveiled by Tianjin Tourism Bureau and will provide various tourism products for the citizens and tourists in the city.

All the tourism authorities and scenic spots will make full use of their tourism, historical and cultural resources and over 200 festivals, exhibitions and other activities such as Yangliuqing Folk Culture and Tourism Festival, China Haihe River Dragon Boat Festival and Huangyaguan Great Wall International Marathon, Canal Peach Blossom Festival, Wudadao Tourism Festival, Yuyang Golden Autumn Festival and Oilihai Wetland Crab Festival.

Where to download:

<http://chn.tjtour.cn/tianjin-chpc/2018/channel/index.html>

Development Goals of Tianjin

Prospects for 2018

Tianjin set its growth targets of GDP, general public budget revenue, fixed-asset investment and total retail sales of consumer goods at around 5%, 3%, 6% and 6%, respectively. The new job opportunities will be provided to 480,000. The growth in per capita disposable income will reach 6.5% and the consumer price inflation will be contained at around 3%. The goal for energy conservation and Carbon Emissions Reduction will be realized as scheduled.

Goals for the Next Five Years

Tianjin will make breakthroughs in the construction of a modern and innovative city. Its economy will maintain stable and healthy growth. It will also better serve as the advanced manufacturing R&D base within the major

national strategy of coordinated development of the Beijing-Tianjin-Hebei region and grow into a leading innovation-oriented city and an industrial innovation center in China. The expenditure on technology research and development will account for 3.6% of the total GDP and it will take the lead in scientific and technological innovation in China.

The city will make breakthroughs in the construction of an open and inclusive Tianjin. The role of a pilot city will bear fruit, and a new institutional mechanism that meets the requirements of the new development concept is basically formed. The vitality of the private economy is fully released, and it will strive for providing the best services for development in China. Tianjin will also improve its ability to allocate resources globally, sharpen its competitiveness as an open-oriented economy, as well as bring its internationalization to a higher level.

Tianjin will make breakthroughs in building an ecologically liveable modern city. It will make the harmony between human and nature a common practice and gradually form the green spatial layout, industrial structure, mode of production and lifestyle. Its ecological civilization system and the ecological environment will be improved, and the city will have clearer sky, more greenery and cleaner water, as well as more liveable environment and better ecology. The afforestation rate will exceed 28%, and the green coverage rate of the built-up area will go up to 40%.

The city will make breakthroughs in the construction of a democratic Tianjin under the rule of law. It will stick to the Party's leadership, the running of the country by the people, and law-based governance, expand the orderly participation of people, further improve the democratic and legal system and promote fairness and justice, as well as significantly modernize the governance system and governance capacity. The Party organizations at all levels will further strengthen their role as the core of leadership and the city will fundamentally form an honest and upright contingent of officials and a good political ecology.

Tianjin will make breakthroughs in the construction of a civilized and happy city. It will make the core socialist values deeply rooted in people's heart, greatly improve the residents' ideological and moral, scientific and cultural and physical quality, and fully demonstrate the charm of the city and its culture. The city will offer balanced and colorful public cultural service to benefit more people and continuously improve the social security capability to make people's lives better. The growth of per capita disposable income of Tianjin residents will be synchronized with the city's economic growth.



Gallop, a sculpture in Binhai New Area



Links

Official Website of Tianjin Municipal Government	http://www.tj.gov.cn
Jin Cloud	http://www.tjyun.com
News Portal of Tianjin	http://www.enorth.com.cn
Tianjin Daily	http://epaper.tianjinwe.com
Jinwan Newspaper	http://epaper.jwb.com.cn
Tianjin Municipal Bureau of Statistics	http://www.stats-tj.gov.cn
English Language Website of Exploring Tianjin	http://www.exploringtianjin.com

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