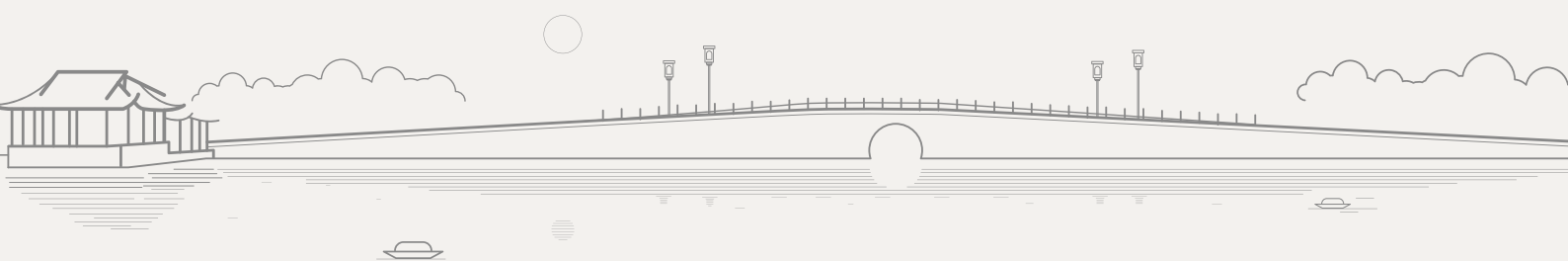


十一、 城市建设 环境保护

URBAN CONSTRUCTION AND
ENVIRONMENTAL PROTECTION





城市建设、环境保护 Urban Construction and Environmental Protection

主要统计指标 Major Statistical Indicators

市区建成区面积	Developed Area in Urban District	648.46	平方千米	(sq.km)
市区实有道路面积	Area of Roads in Urban District at Year-end	9341	万平方米	(10, 000 sq.m)
市区用电量	Electricity Consumption of Urban District	738.88	亿千瓦时	(100 million kw/h)
# 工业用电	Industrial Electricity Consumption	381.96	亿千瓦时	(100 million kw/h)
生活用电	Electricity Consumption for Residential Use	125.83	亿千瓦时	(100 million kw/h)
市区供水能力	Water-supply Capacity of Urban District	459	万吨/日	(10, 000 tons/day)
市区供水总量	Annual Volume of Tap Water Supplied in Urban District	99156	万吨	(10, 000 tons)
市区气化率	Percentage of Population with Access to Gas in Urban District	100	%	(%)
市区公园绿地面积	Park Green Area in Urban District	9246	公顷	(hectare)
市区空气质量达标(AQI < 100)天数	The Number of Days of Air Quality Reaching(AQI<100) the Standards	287	天	(day)

11 - 01 市区公共交通情况(2012 - 2019 年)

Public Transportation in Urban Districts(2012 - 2019)

指 标	Item	2012	2013	2014	2015	2016	2017	2018	2019
一、轨道交通	Rail Transit								
年末运营线路总长度 (千米)	Length of Operating Routes (year - end) (km)	47.97	47.97	66.30	81.50	81.50	117.60	117.60	135.40
客运总量 (万人次)	Passenger Traffic (10,000 person - times)	561	9237	14521	22348	26877	33986	52985	63202
二、公共汽车	Bus								
年末运营线路条数(条)	Number of Operating Routes (year - end) (unit)	620	645	703	756	758	937	1152	1140
年末运营线路总长度 (千米)	Length of Operating Routes (year - end) (km)	11351	11445	12032	12791	13866	16819	21460	18547
#BRT 线路长度 (千米)	BRT line length (km)		122	113	128	151	151	132	289
年末运营公共汽车(辆)	Number of Public Transportation Vehicles(year - end) (unit)	7450	8249	8656	8555	8770	9672	11272	10708
#无轨电车 (辆)	Number of Operating Trolleys (unit)	51	101	115	150	150	150	150	85
客运总量 (万人次)	Passenger Traffic (10,000 person - times)	131901	132221	140928	142312	141441	151263	158753	155496
三、出租汽车	Taxi								
年末实有出租汽车数(辆)	Number of Taxis(year - end) (unit)	10344	10904	11913	11963	12209	13233	14125	14133

11 - 02 市区城市供电、供水情况(2012 - 2019 年)

Electricity and Water Supply in Urban Districts(2012 - 2019)

指 标	Item	2012	2013	2014	2015	2016	2017	2018	2019
一、城市供电	Urban Electricity Supply								
全年用电总量 (亿千瓦时)	Total Electricity Consumption (100 million kwh)	444.95	484.05	552.71	559.54	583.96	673.73	724.31	738.88
#工业 (亿千瓦时)	Industrial Electricity Consumption (100 million kwh)	278.93	296.08	355.06	345.23	337.04	389.00	397.72	381.96
生活 (亿千瓦时)	Electricity Consumption for Residential Use (100 million kwh)	63.62	71.52	72.56	78.27	93.03	105.29	117.67	125.83
二、城市供水 (自来水)	Urban Water Supply								
总售水量 (万吨)	Total Annual Volume of Tap Water Sold (10,000 tons)	49549	51709	56401	56478	55566	71076	76667	-
平均日供水 (万吨)	Per Capita Daily Consumption of Tap Water (10,000 tons)	159	166	181	183	178	228	243	272
供水能力 (万吨/日)	Capacity of Water Supply (10,000 tons/day)	320	350	380	380	384	421	437	459
供水总量 (万吨)	Total Annual Volume of Tap Water Supplied (10,000 tons)	58183	60747	66172	66760	65087	83192	88568	99156
#生产用水 (万吨)	For Productive Use (10,000 tons)	12478	13005	14792	14902	14161	16157	15866	21534
生活用水 (万吨)	For Residential Use (10,000 tons)	22861	23733	26894	26162	25078	33960	35778	40117
用水普及率 (%)	Percentage of Population with Access to Tap Water (%)	100	100	100	100	100	100	100	100

11 - 03 市区市政建设情况(2012 - 2019 年) Public Utilities in Urban Districts(2012 - 2019)

指 标	Item	2012	2013	2014	2015	2016	2017	2018	2019
一、市政建设	Urban Infrastructure								
建成区面积 (平方公里)	Constructed Area (sq. m)	452.62	462.48	495.22	506.09	541.38	591.08	615.22	648.46
年末实有道路面积 (万平方米)	Area of Roads (year - end) (10,000 sq. m)	5284	5426	6145	6540	6932	8291	8840	9341
年末实有道路长度 (公里)	Length of Roads(year - end) (km)	2458	2479	2748	2991	3075	3550	3783	3990
年末实有桥梁数(座)	Number of Bridges(year - end) (unit)	1129	1165	1235	1337	1353	1443	1473	1545
排水管道长度(公里)	Length of Drainage Pipelines (km)	4280	4455	5012	5370	5944	8614	8924	9125
城市污水排放量 (万立方米)	Volume of Sewage Drained (10,000 cu. m)	47330	48432	53111	56974	57916	69834	74438	80447
城市污水处理总量 (万立方米)	the Total Volume of Urban Sewage Treatment (10,000 cu. m)	45197	46251	50318	54137	55061	66516	71364	77245
二、城市液化气	Urban Liquefied Petroleum Gas								
供气总量 (万吨)	Total Volume of Liquefied Petroleum Gas Supply (10,000 tons)	11.17	11.92	9.87	12.38	13.14	12.86	13.28	12.24
#家庭用气(万吨)	Supply for Residential Use (10,000 tons)	5.90	4.70	5.08	6.08	5.90	6.48	5.81	5.15
三、人工煤气及天然气	Coal Gas and Natural Gas								
家庭用气总量 (万立方米)	Total Volume of Coal Gas Consumed (10,000 cu. m)	13397	13869	18019	20659	21878	23614	26506	32907
家庭用气户数(万户)	Residential Households with Access to Gas (10,000 households)	81.72	91.08	111.30	130.69	139.03	153.17	172.81	187.85
四、全社会气化率 %	Percentage of Population with Access to Gas (%)	100	100	100	100	100	100	100	100

11 - 04 市区园林绿化情况(2012 - 2019 年)

Urban Forestation(2012 - 2019)

指 标	Item	2012	2013	2014	2015	2016	2017	2018	2019
建城区绿化覆盖面积 (公顷)	The Green Areas Covered in Constructed Areas (hectare)	18135	18606	20031	20464	22035	23620	24999	26312
建城区园林绿地面积 (公顷)	Total Area of Parks, Gardens and Green Areas in Constructed Areas (hectare)	16647	17071	18386	18949	20118	21726	22886	23986
#公园绿地 (公顷)	Public Green Area (hectare)	5635	5820	6304	7640	8118	8770	8976	9246
建城区绿化覆盖率 (%)	Rate of the Green Areas Covered in Constructed Areas (%)	40.07	40.23	40.57	40.43	40.70	39.96	40.63	40.58
公园景点个数(个)	Number of Parks and Scenic Resorts (unit)	185	190	207	217	222	245	251	260
公园景点面积 (公顷)	Area of Parks and Scenic Resorts (hectare)	2065	2094	2298	2488	2754	3074	3150	3208

11 - 05 环境保护情况(2019 年)

Statistics on Environmental Protection(2019)

指标名称	Item	全 市 Whole City	市 区 Urban District
工业废水排放量 (万吨)	Industrial Wastewater Emissions (10,000 tons)	20346	19042
工业废水中 COD 排放量 (吨)	COD Emissions in Industrial Wastewater (tons)	7634	7117
工业废水中氨氮排放量 (吨)	Ammonia emissions in Industrial wastewater (tons)	243	214
工业二氧化硫产生量 (吨)	Industrial Sulfur Dioxide Produced (tons)	96939	68707
工业二氧化硫排放量 (吨)	Industrial Emissions of Sulfur Dioxide (tons)	8177	4913
工业氮氧化物排放量 (吨)	Industrial Nitrogen Oxide Emissions (tons)	21088	12736
工业烟(粉)产生量 (吨)	Industrial Smoke (Powder) Production (tons)	3256074	1528723
工业烟(粉)尘排放量 (吨)	Industrial Smoke, Powder and Dust Emissions (tons)	12022	6057
一般工业固体废物综合利用率 (%)	Comprehensive Utilization Rate of General Industrial Solid Waste (%)	97.52	97.34
城市污水集中处理率 (%)	Centralized Treatment Rate of Urban Sewage (%)	95.96	96.02
城市生活垃圾无害化处理率 (%)	Harmless Treatment Rate of City's Living Garbage (%)	100	100
空气质量优良天数 (天)	Air Quality Days (days)	-	287
集中式饮用水源地水质达标率 (%)	Compliance Rate of Centralized Sources of Drinking Water (%)	100	100

主要统计指标解释

自来水生产能力 指年底城建部门管理的自来水厂实际生产能力。

生活用水量 指居民日常生活与公共福利设施的用水量。包括居民、饮食店、旅馆、医院、理发店、浴池、洗衣店、游泳池、商店、学校、机关、部队等单位的用水量。

供气总量 指全年售给各类用户的全部煤气量。包括工业用量、家庭用量和其他用量。

年末实有道路长度 指除土路外,路面经过铺装宽度在 3.5 米以上的道路,包括高级、次高级道路和普通道路。

城市桥梁 指城市范围内,修建在河道上的桥梁和道路与道路立交、道路跨越铁路的立交桥,以及人行天桥。包括永久性桥和半永久性桥,不包括临时性桥、铁路桥、涵洞。

营运线路长度 指设置的固定营运线路的长度,包括郊区营运线路长度。不包括临时行驶的线路长度。

用水普及率 指城市用水的非农业人口数(不包括临时人口和流动人口)与城市非农业人口总数之比。计算公式为:

$$\text{用水普及率} = \frac{\text{城市用水非农业人口数}}{\text{城市非农业人口数}} \times 100\%$$

城市园林绿地面积 指城市公共绿地、专用绿地、生产绿地、防护绿地、郊区风景名胜区的全部面积。

公园绿地面积 指供游览休息的各种公园、动物园、植物园、陵园以及花园、游园和供游览休息用的林荫道绿地、广场绿地。不包括一般栽植的行道树及林荫道的面积。

Explanatory Notes on Main Statistical Indicators

Production Capacity of Tap Water refers to the actual production capacity of the waterworks administered by the urban construction department at the year end.

Domestic water consumption refers to the water consumption of residents daily life and public welfare facilities, including the consumption of residents, restaurants, hotels, hospitals, barber shops, public bathhouses, laundries, swimming pools, shops, schools, institutions, army and other units.

Total Gas Supply refers to the total volume of gas sold to users in a year, including the gas for industrial use, family use and others.

Length of Roads at the Year End refers to the length of roads with pavement width more than 3.5 meters except unsurfaced roads, including high quality, medium quality and ordinary roads.

Urban Bridges refer to bridges over river courses, overpasses crossing roads or railways and passenger footbridge sin urban areas. Permanent and semi – permanent bridges are included. Temporary bridges, railway bridges and culverts are excluded.

Length of Operation Line refers to the length of the roads in fixed operation, including the suburb one, but excluding the temporary one.

Urban Water Popularity rate refers to the ratio of the urban non – agricultural population (excluding temporary and floating population) using tap water to the total urban non – agricultural population. The formula is as follows:

$$\text{Urban Water Popularity rate} = \frac{\text{Urban Non – agricultural Population Using Tap Water}}{\text{Urban Non – agricultural Population}} \times 100\%$$

Area of Urban Gardens and Green Lands refers to the total area of urban public green land, special green land, production green land, protection green land and suburban scenic spots.

Park Green Area refers to the area of various parks, zoos, botanical gardens, cemeteries, gardens, and boulevard and square green land for sightseeing and rest. Areas of street trees and boulevards are excluded.