



## 交通运输、邮电 Transportation, Post and Telecommunications

### 主要统计指标 Major Statistical Indicators

客运量	Passenger Traffic	12183	万人次	(10,000 person-times)
为上年	As Compared with the Preceding Year	58.3	%	(%)
货运量	Freight Traffic	41944	万吨	(10,000 tons)
为上年	As Compared with the Preceding Year	109.1	%	(%)
邮电业务收入	Business Income of Post & Telecommunication Service	662.09	亿元	(100 million yuan)
为上年	As Compared with the Preceding Year	108.9	%	(%)
年末固定电话用户数	Number of Local Telephone Subscribers(year-end)	204.55	万户	(10,000 subscribers)
年末移动电话用户数	Number of Mobile Telephone Subscribers(year-end)	1868.9	万户	(10,000 subscribers)
年末宽带业务户数	Broadband Subscribers of Internet(year-end)	547.58	万户	(10,000 subscribers)

6-01 客货运输量(2014-2020年)  
Total Passenger and Freight Traffic(2014-2020)

项 目 Item	2014	2015	2016	2017	2018	2019	2020
<b>一、客运量合计(万人次)</b> <b>Passenger Traffic(10000 person - times)</b>	<b>24070</b>	<b>23942</b>	<b>20541</b>	<b>22289</b>	<b>20121</b>	<b>20888</b>	<b>12183</b>
铁路客运量 Passenger Railways	4689	5282	6053	6807	7535	8874	5895
民航客运量 Passenger Civil Aviation	1334	1472	1622	1825	1956	2044	1414
公路客运量 Passenger Highways	17431	16591	12282	13019	10027	9360	4535
水路客运量 Passenger Waterways	616	597	584	638	603	610	339
<b>二、旅客周转量合计(万人公里)</b> <b>Total Passenger - kilometers(10000 passenger - km)</b>	<b>1151642</b>	<b>1085769</b>	<b>943874</b>	<b>905008</b>	<b>829027</b>	<b>700446</b>	<b>387013</b>
公路旅客周转量 Passenger - kilometers Highways	1143750	1078054	936574	897116	821267	689970	381790
水路旅客周转量 Passenger - kilometers Waterways	7892	7715	7300	7892	7760	10476	5223
<b>三、货运量合计(万吨)</b> <b>Total Freight Traffic(10000 tons)</b>	<b>29335</b>	<b>29384</b>	<b>30170</b>	<b>34785</b>	<b>35180</b>	<b>36384</b>	<b>41944</b>
铁路货运量 Freight Railways	312	307	274	328	306	537	578
民航货运量 Freight Civil Aviation	24	25	29	35	38	41	46
公路货运量 Freight Highways	23202	23800	25194	29378	30593	31732	34837
水路货运量 Freight Waterways	5797	5251	4673	5044	4244	4073	6483
<b>四、货运周转量合计(万吨公里)</b> <b>Total Freight Ton - kilometers(10000 ton - km)</b>	<b>4550550</b>	<b>4629814</b>	<b>4796677</b>	<b>5304007</b>	<b>5440793</b>	<b>5534460</b>	<b>10070617</b>
公路货物周转量 Freight Ton - kilometers Highways	2760873	3003728	3217983	3615581	3875561	3928822	4599433
水路货物周转量 Freight Ton - kilometers Waterways	1789677	1626086	1578694	1688426	1565232	1605638	5471184

6-02 货运量(1978-2020年)  
Total Freight Traffic (1978-2020)

单位:万吨

(10000 tons)

年份 Year	合计 Total	铁路 Railways	公路 Highways	水路 Waterways	民航 Civil Aviation
1978	1706	418	633	655	
1979	1983	440	771	772	
1980	2070	444	762	864	
1981	1972	449	886	637	
1982	2261	485	795	981	
1983	2299	488	838	973	
1984	2385	510	888	987	
1985	2488	524	890	1074	
1986	2558	551	874	1133	
1987	2515	574	899	1041	1
1988	2416	555	823	1037	1
1989	7377	539	5095	1743	
1990	6522	449	4479	1594	
1991	7017	451	4891	1675	
1992	8434	534	6063	1836	1
1993	9082	580	6353	2148	1
1994	8962	491	6563	1907	1
1995	10347	482	7021	2842	2
1996	10962	445	7735	2780	2
1997	11015	406	7932	2676	1
1998	11329	418	8196	2713	2
1999	11684	403	8037	3241	3
2000	11459	417	7865	3173	4
2001	12443	452	8588	3398	5
2002	14347	446	10391	3504	6
2003	16815	438	12118	4253	6
2004	18895	480	13117	5289	9
2005	19909	525	13539	5833	12
2006	20924	569	14588	5754	13
2007	22569	573	16484	5500	12
2008	22550	483	16822	5232	13
2009	22372	427	16536	5396	13
2010	25915	379	19148	6371	17
2011	28831	331	21755	6727	18
2012	30089	322	23243	6503	20
2013	30734	284	23884	6545	22
2014	29335	312	23202	5797	24
2015	29384	307	23800	5251	25
2016	30170	274	25194	4673	29
2017	34785	328	29378	5044	35
2018	35180	306	30593	4244	38
2019	36384	537	31732	4073	41
2020	41944	578	34837	6483	46

## 6-03 客运量(1978-2020年)

### Total Passenger Traffic (1978-2020)

单位:万人次

(10,000 person-times)

年 份 Year	合 计 Total	铁 路 Railways	公 路 Highways	水 路 Waterways	民 航 Civil Aviation
1978	2878	485	-	-	3
1979	3122	560	1829	729	4
1980	3905	672	2358	870	5
1981	4484	769	2857	850	8
1982	5263	813	3377	1064	9
1983	5451	878	3530	1035	8
1984	6056	983	3912	1151	10
1985	6724	1004	4595	1111	14
1986	6765	1034	4768	941	22
1987	6905	1127	4852	896	30
1988	6593	1237	4445	877	34
1989	7493	1182	5488	801	22
1990	8119	1056	6350	691	22
1991	10701	1062	8876	710	53
1992	13358	1083	11538	670	67
1993	13070	1139	11403	454	74
1994	13373	1230	11669	390	84
1995	16620	1242	14921	339	118
1996	16714	1112	15184	273	145
1997	17034	1040	15623	260	111
1998	17395	1120	15925	235	115
1999	17882	1168	16369	235	110
2000	18607	1202	17102	179	124
2001	20342	1342	18707	148	145
2002	21089	1574	19213	108	194
2003	21348	1534	19510	89	215
2004	22833	1908	20372	237	316
2005	24124	2011	21431	304	378
2006	25810	2124	22961	267	458
2007	28026	2255	24836	306	629
2008	29084	2498	25630	277	679
2009	30116	2494	26454	372	796
2010	33772	2741	29671	456	904
2011	34778	2962	30305	595	916
2012	35819	3112	31126	592	989
2013	36409	3717	30994	547	1151
2014	24070	4689	17431	616	1334
2015	23942	5282	16591	597	1472
2016	20541	6053	12282	584	1622
2017	22289	6807	13019	638	1825
2018	20121	7535	10027	603	1956
2019	20888	8874	9360	610	2044
2020	12183	5895	4535	339	1414

注:1990年以前为交通系统数,1990年起为全社会数(后同)。2014年起运输量统计方法调整。

a) The data in the table only included transportation department before 1990, while extended to the whole society after 1990 (the same below). The statistical method has been adjusted since 2014.

6-04 分地区交通  
Statistics on Traffic and

项 目	Item	全市 Whole City	市区 Urban District
铁路旅客运量 (万人)	Passenger Railways (10,000 Persons)	5895	5646
铁路货物运量 (万吨)	Freight Railways (10,000 tons)	578	306
公路客运量 (万人)	Passenger Highways (10,000 Persons)	4535	2935
公路货运量 (万吨)	Freight Highways (10,000 tons)	34837	22130
民用航空客运量 (万人)	Passenger Civil Aviation (10,000 Persons)	1414	1414
民用航空货邮运量 (万吨)	Freight Civil Aviation (10,000 tons)	46	46
水路客运量 (万人)	Passenger Waterways (10,000 Persons)	339	160
水路货运量 (万吨)	Freight Waterways (10,000 tons)	6483	-
非营运汽车拥有量 (辆)	Possession of Non-Business Vehicles (year-end) (Unit)	2858459	2597085
#私人汽车拥有量 (辆)	in which; Possession of Private Vehicles (Unit)	2546018	2301539

运输情况(2020年)

Transport by Region(2020)

萧山区 Xiaoshan	余杭区 Yuhang	富阳区 Fuyang	临安区 Lin'an	桐庐县 Tonglu	淳安县 Chun'an	建德市 Jiande
-	83	75	-	102	85	62
197	108	-	-	-	86	186
166	72	58	106	393	310	897
2865	1749	1842	1384	10895	573	1239
1414	-	-	-	-	-	-
46	-	-	-	-	-	-
13	-	-	7	18	139	21
-	-	-	-	-	-	-
542624	459552	172545	150344	97942	69883	93549
483991	418630	158841	138239	89752	67043	87684

6-05 运输线路长度(2014-2020年)  
Length of Transportation Routes(2014-2020)

单位:公里

(km)

项 目	Item	2014	2015	2016	2017	2018	2019	2020
公路通车里程	(公里)	16024	16210	16306	16424	16520	16667	16919
Length of Highways	(km)							
#高速公路	(公里)	582	615	632	632	632	632	801
Expressway	(km)							
一级公路	(公里)	803	836	832	835	840	877	912
First Class Highways	(km)							
二级公路	(公里)	1570	1616	1615	1631	1634	1759	1700
Second Class Highways	(km)							
内河通航里程	(公里)	2006	2006	2006	2006	2006	2006	2006
Length of Navigable Inland Waterways	(km)							
民用航空航线	(条)	222	235	240	286	292	301	336
Number of Civil Aviation Routes	(line)							
国内航线	(条)	186	196	195	229	234	232	261
Domestic Routes	(line)							
国际航线	(条)	28	32	38	49	51	63	69
International Routes	(line)							
地区航线	(条)	8	7	7	8	7	6	6
Regional Routes	(line)							
民用航空通航城市	(个)	119	129	138	160	172	183	187
Number of Cities Can Arrive by Civil Aviation								
国内城市	(个)	92	99	103	117	123	126	132
Domestic Cities								
港澳台城市	(个)	6	5	5	5	5	5	5
Hongkong, Macau and Taiwan								
国际城市	(个)	27	30	35	43	44	52	50
International Cities								

## 6-06 民用机动车辆年末拥有量(2014-2020年末)

## Total Number of Motor Vehicles End of the Year(End of 2014-2020)

单位:辆

(unit)

项 目	Item	2014	2015	2016	2017	2018	2019	2020
全市合计	<b>Total</b>	<b>2696340</b>	<b>2733537</b>	<b>2633541</b>	<b>2793595</b>	<b>2880804</b>	<b>2975762</b>	<b>3118978</b>
一、汽车	Vehicles	2184000	2244767	2341536	2451226	2571230	2671807	2813576
1. 载客汽车	Passenger Vehicles	1992112	2056143	2127393	2210376	2310070	2399022	2497100
其中:大型	Large	17485	18657	20017	20880	21546	20907	20470
中型	Medium	14411	10797	10035	9365	8499	7628	7394
小型	Small	1936836	2002730	2076098	2157089	2258635	2351862	2451908
微型	Mini	23380	23959	21243	23042	21390	18625	17328
其中:轿车	Car	1799442	1773864	1483128	1530805	1548328	1610070	1641979
2. 载货汽车	Trucks	180475	177674	202775	229038	248614	259746	302251
其中:重型	Heavy	39998	41999	49480	57794	64289	71102	92122
中型	Medium	14444	8851	9422	9213	8147	6611	7065
轻型	Light	125508	126321	143441	161703	175945	181872	202969
微型	Mini	525	503	432	328	233	161	95
3. 其他汽车	Vehicles	11413	10950	11368	11812	12546	13039	14225
其中:三轮汽车	Vehicles	182	179	139	102	69	44	26
低速货车	Low Speed Trucks	416	549	806	792	779	724	680
二、摩托车	Motorcycles	505360	481230	282477	329905	292662	281403	273133
1. 普通	Genera	481027	463722	277238	324469	288562	276568	267062
2. 轻便	Light	24333	17508	5239	5436	4100	4835	6071
三、挂车	Trailer	6939	7464	9457	12396	16846	22493	32220
四、其他类型	Other	41	76	71	68	66	59	49



6-07 邮政、电信主要指标(2014-2020年)  
Main Indicators of Post and Telecommunications(2014-2020)

项 目 Item	2014	2015	2016	2017	2018	2019	2020
邮政业务总收入 (万元) Total Business Income of Postal Service (10,000 yuan)	1176704	1596884	2151732	2750911	3646724	4023039	4500008
#快递业务收入 (万元) Business Income of Express Mail Service (10,000 yuan)	1022279	1437542	1956944	2510479	2966169	3267926	3669946
电信业务收入 (亿元) Total Business Income of Telecommunications Services (100 million yuan)	170.08	173.66	190.83	192.68	199.70	205.48	212.09
函件 (万件) Number of Letters (10,000 pcs)	17412	13256	9634	11656	8768	5508	4910
订销报纸累计份额(万份) Number of Newspapers (10,000 pcs)	29214	29304	24067	24273	23497	22342	21382
订销杂志累计份额(万份) Number of Publications (10,000 pcs)	1437	1310	1061	1010	1047	895	786
包裹 (万件) Number of Parcels (10,000 pcs)	113	81	49	51	50	63	44
快递 (万份) Pieces of Express Mail Service (10,000 copies)	84563	125707	180473	232630	258910	265666	300081
#国际及港澳台快递 (万份) Pieces of Express to overseas and HongKong, macao, Taiwan (10,000 copies)	1731	2046	2495	4065	11005	13741	30034
纪特邮票 (万枚) Stamps for Collettion (10,000 pcs)	1151	1231	1295	969	210	92860 (套)	281
年末固定电话用户数 (万户) Number of Local Telephone Subscribers(year-end) (10,000 subscribers)	311.14	293.44	265.70	259.37	241.84	233.08	204.55
年末移动电话用户数 (万户) Number of Subscribers of Mobile Telephone(year-end) (10,000 subscribers)	1561.71	1726.76	1734.41	1724.17	1913.91	1817.85	1868.9
年末宽带业务户数 (万户) Number of Wide Band Subscribers (10,000 subscribers)	278.78	294.96	443.57	508.69	537.73	554.51	547.58

注:邮政业务总收入含规模以上快递企业。

a) The total business income of postal services included the express enterprises above designated sice.

## 主要统计指标解释

**货(客)运量** 指在一定时期内,各种运输工具实际运送的货物(旅客)数量。是反映运输业为国民经济和人民生活服务的数量指标,也是制定和检查运输生产计划、研究运输发展规模和速度的重要指标。货运按吨计算,客运按人计算。货物不论运输距离长短、货物类别,均按实际重量统计。旅客不论行程远近或票价多少,均按一人一次作为客运量统计;半价票、小孩票也按一人统计。

**货物(旅客)周转量** 指在一定时期内,由各种运输工具运送的货物(旅客)数量与其相应运输距离的乘积之总和。是反映运输业生产总成果的重要指标,也是编制和检查运输生产计划,计算运输效率、劳动生产率以及核算运输单位成本的主要基础资料。通常以吨公里和人公里为计算单位。计算货物周转量通常按发出站与到达站之间的最短距离,也就是计费距离计算。

**邮政、电信业务总量** 指以货币形式表示的邮政、电信通信企业为社会提供各类邮政、电信通信服务的总数量。计算方法为各类业务的实物量分别乘以相应的不变单价,求出各类业务的货币量加总求得。没有不变单价的业务按其业务收入直接相加。

**移动电话用户** 指在电信运营企业营业网点办理开户登记手续,通过移动电话交换机进入移动电话网,占用移动电话号码的各类电话用户。包括各类签约用户、智能网预付费用户、无线上网卡用户。

## Explanatory Notes on Main Statistical Indicators

**Freight (passenger) Transport** refers to the volume of freight (passenger) transported with various means in a certain period. It provides a quantitative measure to show how the transport industry serves the national economy and people, and is also an important indicator for working out and checking the transportation plan and studying its development scale and speed. Freight transport is calculated in tons and passenger transport is calculated in the number of persons. Despite the type of freight and traveling distance, the freight transport is calculated in the actual weight of the goods. Despite the traveling distance and ticket price, the passenger transport is calculated by the principle that one person is counted only once in one travel. The passenger with a half-price ticket or a child ticket is also calculated as one person.

**Freight Ton – kilometers (Passenger – kilometers)** refers to the sum of the products of the volume of transported cargo (passengers) multiplying by the transport distance. It is an important indicator to show the total results of the transport industry, to prepare and examine the transport plan and to measure the efficiency, the labour productivity and the unit cost of transport. Normally, it is calculated using ton – kilometer and passenger – kilometer as calculation units, and by the shortest distance between the departure station and the terminal station (i. e., the payable distance).

**Business Volume of Post and Telecommunication** refers to the total amount of postal and telecommunication services, expressed in value terms, provided by the post and telecommunications departments for society. Business volume of post and telecommunication is the sum of each service in kind multiplying with its correspondent unit price (constant price). Businesses without constant unit price are added directly according to their business income.

**Mobile Telephone Subscribers** refers to persons who have gone through registration procedures in the operation points of enterprises engaged in telecommunications and are hence connected with the mobile telephone communication network through the mobile telephone switchboards and occupy mobile phone numbers. Included are various types of subscriber, prepaid users for intelligent network and wireless network card users.