



六、交通运输 邮电

TRANSPORTATION,
POST AND TELECOMMUNICATIONS



交通运输、邮电 Transportation, Post and Telecommunications

主要统计指标 Major Statistical Indicators

客运量	Passenger Traffic	20121	万人次	(10,000 person-times)
为上年	As Compared with the Preceding Year	90.3	%	(%)
货运量	Freight Traffic	35180	万吨	(10,000 tons)
为上年	As Compared with the Preceding Year	101.1	%	(%)
邮电业务收入	Business Income of Post & Telecommunication Service	564.37	亿元	(100 million yuan)
为上年	As Compared with the Preceding Year	120.7	%	(%)
年末固定电话用户数	Number of Local Telephone Subscribers(year-end)	241.84	万户	(10,000 subscribers)
为上年	As Compared with the Preceding Year	93.1	%	(%)
年末移动电话用户数	Number of Mobile Telephone Subscribers(year-end)	1913.91	万户	(10,000 subscribers)
为上年	As Compared with the Preceding Year	111.0	%	(%)
年末宽带业务户数	Broadband Subscribers of Internet(year-end)	537.73	万户	(10,000 subscribers)
为上年	As Compared with the Preceding Year	106.5	%	(%)

6-01 客货运输量(2012-2018年)
Total Passenger and Freight Traffic(2012-2018)

项 目 Item	2012	2013	2014	2015	2016	2017	2018
一、客运量合计(万人次) Passenger Traffic(10000 person - times)	35819	36409	24070	23942	20541	22289	20121
铁路客运量 Passenger Railways	3112	3717	4689	5282	6053	6807	7535
民航客运量 Passenger Civil Aviation	989	1151	1334	1472	1622	1825	1956
公路客运量 Passenger Highways	31126	30994	17431	16591	12282	13019	10027
水路客运量 Passenger Waterways	592	547	616	597	584	638	603
二、旅客周转量合计(万人公里) Total Passenger - kilometers(10000 passenger - km)	1598527	1573289	1151642	1085769	943874	905008	829027
公路旅客周转量 Passenger - kilometers Highways	1590435	1566046	1143750	1078054	936574	897116	821267
水路旅客周转量 Passenger - kilometers Waterways	8092	7243	7892	7715	7300	7892	7760
三、货运量合计(万吨) Total Freight Traffic(10000 tons)	30089	30734	29335	29384	30170	34785	35180
铁路货运量 Freight Railways	322	284	312	307	274	328	306
民航货运量 Freight Civil Aviation	20	22	24	25	29	35	38
公路货运量 Freight Highways	23243	23884	23202	23800	25194	29378	30593
水路货运量 Freight Waterways	6503	6545	5797	5251	4673	5044	4244
四、货运周转量合计(万吨公里) Total Freight Ton - kilometers(10000 ton - km)	4563560	4724588	4550550	4629814	4796677	5304007	5440793
公路货物周转量 Freight Ton - kilometers Highways	2643428	2719204	2760873	3003728	3217983	3615581	3875561
水路货物周转量 Freight Ton - kilometers Waterways	1920132	2005384	1789677	1626086	1578694	1688426	1565232

6-02 货运量(1978-2018年)
Total Freight Traffic (1978-2018)

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

6-03 客运量(1978-2018年)

Total Passenger Traffic (1978-2018)

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

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)	7535	7530
铁路货物运量 (万吨)	Freight Railways (10,000 tons)	306	170
公路客运量 (万人)	Passenger Highways (10,000 Persons)	10027	9123
公路货运量 (万吨)	Freight Highways (10,000 tons)	30593	27761
民用航空客运量 (万人)	Passenger Civil Aviation (10,000 Persons)	1956	1956
民用航空货邮运量 (万吨)	Freight Civil Aviation (10,000 tons)	38	38
水路客运量 (万人)	Passenger Waterways (10,000 Persons)	603	567
水路货运量 (万吨)	Freight Waterways (10,000 tons)	4244	3516
非营运汽车拥有量 (辆)	Possession of Non-Business Vehicles (year-end) (Unit)	2680014	2443382
#私人汽车拥有量 (辆)	in which; Possession of Private Vehicles (Unit)	2178976	1985843

运输情况(2018年)

Transport by Region(2018)

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
-	111	1	-	2	2	1
54	110	-	-	-	84	52
350	171	370	402	460	238	207
3691	1675	6294	802	822	1380	632
1956	-	-	-	-	-	-
38	-	-	-	-	-	-
18	-	30	249	26	-	11
1692	739	90	1	117	474	137
517346	400698	156863	144862	91449	59407	85776
389880	332188	126632	119349	72210	53617	67306

6-05 运输线路长度(2012-2018年)

Length of Transportation Routes(2012-2018)

单位:公里

(km)

项 目	Item	2012	2013	2014	2015	2016	2017	2018
公路通车里程	(公里)	15747	15900	16024	16210	16306	16424	16520
Length of Highways	(km)							
#高速公路	(公里)	550	550	582	615	632	632	632
Expressway	(km)							
一级公路	(公里)	768	791	803	836	832	835	840
First Class Highways	(km)							
二级公路	(公里)	1542	1526	1570	1616	1615	1631	1634
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)	144	185	222	235	240	286	292
Number of Civil Aviation Routes	(line)							
国内航线	(条)	117	156	186	196	195	229	234
Domestic Routes	(line)							
国际航线	(条)	20	22	28	32	38	49	51
International Routes	(line)							
地区航线	(条)	7	7	8	7	7	8	7
Regional Routes	(line)							
民用航空通航城市	(个)	87	103	119	129	138	160	172
Number of Cities Can Arrive by Civil Aviation								
国内城市	(个)	68	82	92	99	103	117	123
Domestic Cities								
港澳台城市	(个)	6	6	6	5	5	5	5
Hongkong, Macau and Taiwan								
国际城市	(个)	19	21	27	30	35	43	44
International Cities								

6-06 民用机动车辆年末拥有量(2012-2018年末)

Total Number of Motor Vehicles End of the Year(End of 2012-2018)

单位:辆

(unit)

项 目	Item	2012	2013	2014	2015	2016	2017	2018
全市合计	Total	2267027	2542976	2696340	2733537	2633541	2793595	2880804
一、汽车	Vehicles	1761001	2045618	2184000	2244767	2341536	2451226	2571230
1. 载客汽车	Passenger Vehicles	1570099	1860794	1992112	2056143	2127393	2210376	2310070
其中:大型	Large	16118	17078	17485	18657	20017	20880	21546
中型	Medium	18096	17849	14411	10797	10035	9365	8499
小型	Small	1499444	1794017	1936836	2002730	2076098	2157089	2258635
微型	Mini	36441	31850	23380	23959	21243	23042	21390
其中:轿车	Car	-	1678453	1799442	1773864	1483128	1530805	1548328
2. 载货汽车	Trucks	179399	173227	180475	177674	202775	229038	248614
其中:重型	Heavy	31154	35917	39998	41999	49480	57794	64289
中型	Medium	25242	17530	14444	8851	9422	9213	8147
轻型	Light	122316	119205	125508	126321	143441	161703	175945
微型	Mini	687	575	525	503	432	328	233
3. 其他汽车	Vehicles	11503	11597	11413	10950	11368	11812	12546
其中:三轮汽车	Vehicles	-	385	182	179	139	102	69
低速货车	Low Speed Trucks	-	384	416	549	806	792	779
二、摩托车	Motorcycles	500080	490884	505360	481230	282477	329905	292662
1. 普通	Genera	470779	466625	481027	463722	277238	324469	288562
2. 轻便	Light	29301	24259	24333	17508	5239	5436	4100
三、挂车	Trailer	-	6433	6939	7464	9457	12396	16846
四、其他类型	Other	-	41	41	76	71	68	66

6-07 邮政、电信主要指标(2012-2018年)
Main Indicators of Post and Telecommunications(2012-2018)

项 目 Item	2012	2013	2014	2015	2016	2017	2018
邮政业务总收入 (万元) Total Business Income of Postal Service (10,000 yuan)	533059	702664	1176704	1596884	2151732	2750911	3646724
#快递业务收入 (万元) Business Income of Express Mail Service (10,000 yuan)	427356	563459	1022279	1437542	1956944	2510479	2966169
电信业务收入 (万元) Total Business Income of Telecommunications Services (10,000 yuan)	1597344	1752286	1700825	1736600	1908315	1926800	1997000
函件 (万件) Number of Letters (10,000 pcs)	21226	20133	17412	13256	9634	11656	8768
订销报纸累计份数(万份) Number of Newspapers (10,000 pcs)	77761	30694	29214	29304	24067	24273	23497
订销杂志累计份数(万份) Number of Publications (10,000 pcs)	4218	1528	1437	1310	1061	1010	1047
包裹 (万件) Number of Parcels (10,000 pcs)	129	133	113	81	49	51	50
快递 (万份) Pieces of Express Mail Service (10,000 copies)	25536	46852	84563	125707	180473	232630	258910
#国际及港澳台快递 (万份) Pieces of Express to overseas and HongKong, macao, Taiwan (10,000 copies)	525	738	1731	2046	2495	4065	11005
纪特邮票 (万枚) Stamps for Collettion (10,000 pcs)	1744	1412	1151	1231	1295	969	210
年末固定电话用户数 (万户) Number of Local Telephone Subscribers(year-end) (10,000 subscribers)	346.22	334.87	311.14	293.44	265.70	259.37	241.84
年末移动电话用户数 (万户) Number of Subscribers of Mobile Telephone(year-end) (10,000 subscribers)	1438.67	1546.83	1561.71	1726.76	1734.41	1724.17	1913.91
年末宽带业务户数 (万户) Number of Wide Band Subscribers (10,000 subscribers)	275.91	338.63	278.78	294.96	443.57	508.69	537.73

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。

移动电话用户 指在邮电部门登记,通过移动电话交换机进入移动电话网,占有移动电话号码的电话用户。用户数量以实际办理登记手续进入邮电部门移动电话网的户数进行计算,一部或一台移动电话统计为一户。

Explanatory Notes on Main Statistical Indicators

Freight(passenger)Traffic refers to the volume of freight (passenger) transported with various means. Freight transport is calculated in tons and passenger traffic 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; and despite the traveling distance and ticket price, the passenger traffic is calculated by the principle that one person can be counted only once in one travel. The passenger who travel with a half – price ticket or a child ticket is also calculated as one person. The freight (passenger) traffic provides a quantitative measure to show how the transport industry serves the national economy and people, and is also an important indicator for plan the transport industry and for studying the development scale and speed of the transport industry.

Freight Ton – kilometers(Passenger – kilometers) refers to the sum of the products of the volume of transported cargo (passengers) multiplying by the transport distance, usually using ton – kilometer and passenger – kilometer as units for measurement . Normally, the shortest distance between the departure station and the terminal station (i. e. , the payable distance) is the basis to calculate the freight ton – kilometers. This 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.

Mobile Telephone Subscribers refer to the persons who own mobile telephone number connected with the mobile telephone communication network and registered by post and telecommunications organization. The number of subscribers is calculated only when the subscribers who have gone through all the register formalities and entered into the mobile telephone network. One mobile telephone is treated as a subscriber.