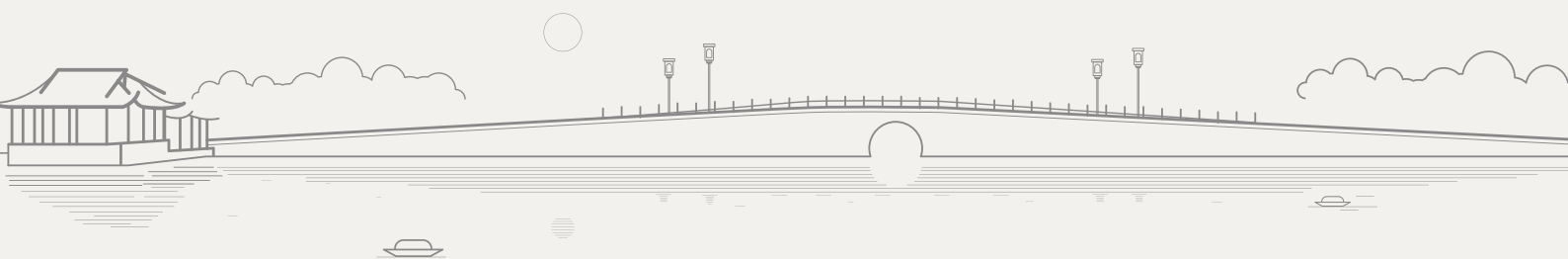


六、 交通 运输 邮电

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 | 20888 | 万人次 | (10,000 person-times) |
| 为上年 | As Compared with the Preceding Year | 103.8 | % | (%) |
| 货运量 | Freight Traffic | 36384 | 万吨 | (10,000 tons) |
| 为上年 | As Compared with the Preceding Year | 103.2 | % | (%) |
| 邮电业务收入 | Business Income of Post & Telecommunication Service | 607.78 | 亿元 | (100 million yuan) |
| 为上年 | As Compared with the Preceding Year | 107.9 | % | (%) |
| 年末固定电话用户数 | Number of Local Telephone Subscribers(year-end) | 233.08 | 万户 | (10,000 subscribers) |
| 为上年 | As Compared with the Preceding Year | 96.4 | % | (%) |
| 年末移动电话用户数 | Number of Mobile Telephone Subscribers(year-end) | 1817.85 | 万户 | (10,000 subscribers) |
| 为上年 | As Compared with the Preceding Year | 100.9 | % | (%) |
| 年末宽带业务户数 | Broadband Subscribers of Internet(year-end) | 554.51 | 万户 | (10,000 subscribers) |
| 为上年 | As Compared with the Preceding Year | 103.2 | % | (%) |

6-01 客货运输量(2013-2019年)
Total Passenger and Freight Traffic(2013-2019)

| 项 目 Item | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 一、客运量合计(万人次) Passenger Traffic(10000 person - times) | 36409 | 24070 | 23942 | 20541 | 22289 | 20121 | 20888 |
| 铁路客运量 Passenger Railways | 3717 | 4689 | 5282 | 6053 | 6807 | 7535 | 8874 |
| 民航客运量 Passenger Civil Aviation | 1151 | 1334 | 1472 | 1622 | 1825 | 1956 | 2044 |
| 公路客运量 Passenger Highways | 30994 | 17431 | 16591 | 12282 | 13019 | 10027 | 9360 |
| 水路客运量 Passenger Waterways | 547 | 616 | 597 | 584 | 638 | 603 | 610 |
| 二、旅客周转量合计(万人公里) Total Passenger - kilometers(10000 passenger - km) | 1573289 | 1151642 | 1085769 | 943874 | 905008 | 829027 | 700446 |
| 公路旅客周转量 Passenger - kilometers Highways | 1566046 | 1143750 | 1078054 | 936574 | 897116 | 821267 | 689970 |
| 水路旅客周转量 Passenger - kilometers Waterways | 7243 | 7892 | 7715 | 7300 | 7892 | 7760 | 10476 |
| 三、货运量合计(万吨) Total Freight Traffic(10000 tons) | 30734 | 29335 | 29384 | 30170 | 34785 | 35180 | 36384 |
| 铁路货运量 Freight Railways | 284 | 312 | 307 | 274 | 328 | 306 | 537 |
| 民航货运量 Freight Civil Aviation | 22 | 24 | 25 | 29 | 35 | 38 | 41 |
| 公路货运量 Freight Highways | 23884 | 23202 | 23800 | 25194 | 29378 | 30593 | 31732 |
| 水路货运量 Freight Waterways | 6545 | 5797 | 5251 | 4673 | 5044 | 4244 | 4073 |
| 四、货运周转量合计(万吨公里) Total Freight Ton - kilometers(10000 ton - km) | 4724588 | 4550550 | 4629814 | 4796677 | 5304007 | 5440793 | 5534460 |
| 公路货物周转量 Freight Ton - kilometers Highways | 2719204 | 2760873 | 3003728 | 3217983 | 3615581 | 3875561 | 3928822 |
| 水路货物周转量 Freight Ton - kilometers Waterways | 2005384 | 1789677 | 1626086 | 1578694 | 1688426 | 1565232 | 1605638 |

6-02 货运量(1978-2019年)
Total Freight Traffic (1978-2019)

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 |

6-03 客运量(1978-2019年) Total Passenger Traffic (1978-2019)

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 |

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) | 8874 | 8499 |
| 铁路货物运量 (万吨) | Freight Railways (10,000 tons) | 537 | 290 |
| 公路客运量 (万人) | Passenger Highways (10,000 Persons) | 9360 | 8466 |
| 公路货运量 (万吨) | Freight Highways (10,000 tons) | 31732 | 20358 |
| 民用航空客运量 (万人) | Passenger Civil Aviation (10,000 Persons) | 2044 | 2044 |
| 民用航空货邮运量 (万吨) | Freight Civil Aviation (10,000 tons) | 41 | 41 |
| 水路客运量 (万人) | Passenger Waterways (10,000 Persons) | 610 | 263 |
| 水路货运量 (万吨) | Freight Waterways (10,000 tons) | 4073 | 3844 |
| 非营运汽车拥有量 (辆) | Possession of Non-Business Vehicles(year-end) (Unit) | 2745840 | 2499716 |
| #私人汽车拥有量 (辆) | in which; Possession of Private Vehicles (Unit) | 2441357 | 2211023 |

运输情况(2019年)

Transport by Region(2019)

| 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 |
|-----------------|---------------|---------------|---------------|---------------|----------------|---------------|
| - | 123 | 100 | - | 138 | 148 | 89 |
| 131 | 153 | - | - | - | 91 | 156 |
| 384 | 184 | 211 | 729 | 257 | 421 | 729 |
| 3723 | 1380 | 1459 | 906 | 7934 | 582 | 2857 |
| 2044 | - | - | - | - | - | - |
| 41 | - | - | - | - | - | - |
| 18 | - | - | - | 32 | 285 | 31 |
| 1752 | 526 | 498 | 132 | 91 | 10 | 129 |
| 526882 | 428359 | 163090 | 147169 | 94174 | 63545 | 88405 |
| 471157 | 388876 | 150283 | 135657 | 86443 | 61082 | 82809 |

6-05 运输线路长度(2013-2019年)

Length of Transportation Routes(2013-2019)

单位:公里

(km)

| 项 目 | Item | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|--------|-------|-------|-------|-------|-------|-------|-------|
| 公路通车里程 | (公里) | 15900 | 16024 | 16210 | 16306 | 16424 | 16520 | 16667 |
| Length of Highways | (km) | | | | | | | |
| #高速公路 | (公里) | 550 | 582 | 615 | 632 | 632 | 632 | 632 |
| Expressway | (km) | | | | | | | |
| 一级公路 | (公里) | 791 | 803 | 836 | 832 | 835 | 840 | 877 |
| First Class Highways | (km) | | | | | | | |
| 二级公路 | (公里) | 1526 | 1570 | 1616 | 1615 | 1631 | 1634 | 1759 |
| 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) | 185 | 222 | 235 | 240 | 286 | 292 | 301 |
| Number of Civil Aviation Routes | (line) | | | | | | | |
| 国内航线 | (条) | 156 | 186 | 196 | 195 | 229 | 234 | 232 |
| Domestic Routes | (line) | | | | | | | |
| 国际航线 | (条) | 22 | 28 | 32 | 38 | 49 | 51 | 63 |
| International Routes | (line) | | | | | | | |
| 地区航线 | (条) | 7 | 8 | 7 | 7 | 8 | 7 | 6 |
| Regional Routes | (line) | | | | | | | |
| 民用航空通航城市 | (个) | 103 | 119 | 129 | 138 | 160 | 172 | 183 |
| Number of Cities Can Arrive by Civil Aviation | | | | | | | | |
| 国内城市 | (个) | 82 | 92 | 99 | 103 | 117 | 123 | 126 |
| Domestic Cities | | | | | | | | |
| 港澳台城市 | (个) | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| Hongkong, Macau and Taiwan | | | | | | | | |
| 国际城市 | (个) | 21 | 27 | 30 | 35 | 43 | 44 | 52 |
| International Cities | | | | | | | | |

6-06 民用机动车辆年末拥有量(2013-2019年末)

Total Number of Motor Vehicles End of the Year(End of 2013-2019)

单位:辆

(unit)

| 项 目 | Item | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 全市合计 | Total | 2542976 | 2696340 | 2733537 | 2633541 | 2793595 | 2880804 | 2975762 |
| 一、汽车 | Vehicles | 2045618 | 2184000 | 2244767 | 2341536 | 2451226 | 2571230 | 2671807 |
| 1. 载客汽车 | Passenger Vehicles | 1860794 | 1992112 | 2056143 | 2127393 | 2210376 | 2310070 | 2399022 |
| 其中:大型 | Large | 17078 | 17485 | 18657 | 20017 | 20880 | 21546 | 20907 |
| 中型 | Medium | 17849 | 14411 | 10797 | 10035 | 9365 | 8499 | 7628 |
| 小型 | Small | 1794017 | 1936836 | 2002730 | 2076098 | 2157089 | 2258635 | 2351862 |
| 微型 | Mini | 31850 | 23380 | 23959 | 21243 | 23042 | 21390 | 18625 |
| 其中:轿车 | Car | 1678453 | 1799442 | 1773864 | 1483128 | 1530805 | 1548328 | 1610070 |
| 2. 载货汽车 | Trucks | 173227 | 180475 | 177674 | 202775 | 229038 | 248614 | 259746 |
| 其中:重型 | Heavy | 35917 | 39998 | 41999 | 49480 | 57794 | 64289 | 71102 |
| 中型 | Medium | 17530 | 14444 | 8851 | 9422 | 9213 | 8147 | 6611 |
| 轻型 | Light | 119205 | 125508 | 126321 | 143441 | 161703 | 175945 | 181872 |
| 微型 | Mini | 575 | 525 | 503 | 432 | 328 | 233 | 161 |
| 3. 其他汽车 | Vehicles | 11597 | 11413 | 10950 | 11368 | 11812 | 12546 | 13039 |
| 其中:三轮汽车 | Vehicles | 385 | 182 | 179 | 139 | 102 | 69 | 44 |
| 低速货车 | Low Speed Trucks | 384 | 416 | 549 | 806 | 792 | 779 | 724 |
| 二、摩托车 | Motorecycles | 490884 | 505360 | 481230 | 282477 | 329905 | 292662 | 281403 |
| 1. 普通 | Genera | 466625 | 481027 | 463722 | 277238 | 324469 | 288562 | 276568 |
| 2. 轻便 | Light | 24259 | 24333 | 17508 | 5239 | 5436 | 4100 | 4835 |
| 三、挂车 | Trailer | 6433 | 6939 | 7464 | 9457 | 12396 | 16846 | 22493 |
| 四、其他类型 | Other | 41 | 41 | 76 | 71 | 68 | 66 | 59 |

6-07 邮政、电信主要指标(2013-2019年)
Main Indicators of Post and Telecommunications(2013-2019)

| 项 目 Item | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|---------|---------|---------|---------|---------|---------|--------------|
| 邮政业务总收入 (万元) Total Business Income of Postal Service (10,000 yuan) | 702664 | 1176704 | 1596884 | 2151732 | 2750911 | 3646724 | 4023039 |
| #快递业务收入 (万元) Business Income of Express Mail Service (10,000 yuan) | 563459 | 1022279 | 1437542 | 1956944 | 2510479 | 2966169 | 3267926 |
| 电信业务收入 (万元) Total Business Income of Telecommunications Services (10,000 yuan) | 1752286 | 1700825 | 1736600 | 1908315 | 1926800 | 1997000 | 2054800 |
| 函件 (万件) Number of Letters (10,000 pcs) | 20133 | 17412 | 13256 | 9634 | 11656 | 8768 | 5508 |
| 订销报纸累计份额(万份) Number of Newspapers (10,000 pcs) | 30694 | 29214 | 29304 | 24067 | 24273 | 23497 | 22342 |
| 订销杂志累计份额(万份) Number of Publications (10,000 pcs) | 1528 | 1437 | 1310 | 1061 | 1010 | 1047 | 895 |
| 包裹 (万件) Number of Parcels (10,000 pcs) | 133 | 113 | 81 | 49 | 51 | 50 | 63 |
| 快递 (万份) Pieces of Express Mail Service (10,000 copies) | 46852 | 84563 | 125707 | 180473 | 232630 | 258910 | 265666 |
| #国际及港澳台快递 (万份) Pieces of Express to overseas and HongKong, macao, Taiwan (10,000 copies) | 738 | 1731 | 2046 | 2495 | 4065 | 11005 | 13741 |
| 纪特邮票 (万枚) Stamps for Collettion (10,000 pcs) | 1412 | 1151 | 1231 | 1295 | 969 | 210 | 92860 (套) |
| 年末固定电话用户数 (万户) Number of Local Telephone Subscribers(year-end) (10,000 subscribers) | 334.87 | 311.14 | 293.44 | 265.70 | 259.37 | 241.84 | 233.08 |
| 年末移动电话用户数 (万户) Number of Subscribers of Mobile Telephone(year-end) (10,000 subscribers) | 1546.83 | 1561.71 | 1726.76 | 1734.41 | 1724.17 | 1913.91 | 1817.85 |
| 年末宽带业务户数 (万户) Number of Wide Band Subscribers (10,000 subscribers) | 338.63 | 278.78 | 294.96 | 443.57 | 508.69 | 537.73 | 554.51 |

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.