

Introduction

Communication is among significant development infrastructures in every country. Since the two last decades, the highest development in the countries has taken place in the communities that have had the most advances in communication sector. The Impacts of information and communications technologies were so deep that theoreticians could try to interpret these modern developments through theories of information society and network society.

Communications play a significant role in economic development of the country towards vision of knowledge-based economy. Due to increasing significance of the issue, a separate chapter has been allocated to communications in the statistical yearbook since the year 1393.

Statistics presented in this chapter are related to communications and information technology (ICT). Below you will find a brief record of statistics production on each area.

Post: Data for post have been produced as registers by post offices since the year 1337, and collected and disseminated in the statistical yearbook by the SCI since the year 1345. Statistics of this chapter were revised by the Ministry of Information and Communications in the year 1393.

Telecommunications: Data for telecommunications have been produced as registers by the related departments since the year 1337, and collected and disseminated in the statistical yearbook by the SCI since the year 1345. Statistics of this chapter were revised by the Ministry of Communications and Information Technology in the year 1393.

Information technology (IT): In the year 1393, the data related to IT have been included in the statistical yearbook. The related statistical data are available from the year 1392 on.

Statistical Centre of Iran implemented the survey on the Internet users among the nation's households in the years 1387 and 1389. In the year 1392, the Survey on "ICT Use by Households and Individuals" ordered by Information Technology Organization (ITO) as the responsible organization for developing and monitoring the ICT indicators in the country was designed and implemented in collaboration with the Statistical Research and Training Centre (SRTC). In the year 1394, the survey entitled "Households and Individuals Access to ICT" was implemented, the related information of which is presented in this chapter.

Definitions and concepts

Postal units: places where postal services are rendered.

Government postal units: the units providing postal services run and managed by staff of the Post Company.

Non-government postal units: providers of postal services run and managed by non-government sector (post counter offices, rural ICT offices, etc...).

Post General Department and Post Department: main postal unit is located in the capital of Ostans or Shahrestans or in one of the postal districts of Tehran, where all postal operations and services are carried out.

Urban governmental post office: postal units located in all urban areas which perform operations relating to receipt, preparation,

dispatch and delivery of mail, as well as sale of postal securities.

Rural governmental post office: in certain rural areas qualified for rendering postal services, units called "rural post offices" are established to render services to a number of adjacent villages.

Postal agency: in rural areas or suburbs where establishment of a postal unit is not economical, a postal agency is established. These units are run by one of the local trustworthy people (usually, a local businessman) under a contract.

Joint post and telecommunications office: in a number of operating telecommunications or post units within the suburbs or rural areas, mixed postal and telecommunications services are rendered by a person tasked with this responsibility under the management of the post company. This unit is called post and telecommunications office.

Postbox: the smallest postal unit installed and used in the public thoroughfares (whether cities or villages) and these units are used only for ordinary mail and the sender drops his or her stamped letter into it.

Public post counter: these units were established with the purpose of accelerating and facilitating the rendering of public and non-public services. In addition to rendering of postal services through presenting electronic services, the physical counter makes government organizations closer to people's work place and living place.

Rural ICT offices: are offices that provide at least one of the telecommunication, postal, Post Bank, IT services as well as services of other government institutions to the public in rural areas.

Postal mails: whatever that is dispatchable physically including personal writings, documents such as: printed texts, manuscripts, goods, things, financial papers and drafts, notifications and notices having sending and receiving addresses that the address is included on the envelop of the mail.

Ordinary mail: parcels that without registration in computer systems, stuck with a postage stamp / copy of a stamp or within a contract are collected from public post boxes or clients' home / work place and after sorting and preparation for distribution, they are delivered to receivers'

addresses. Main parcels are as follows: letters, postal cards, printed matters, special bags, brochures, notifications, bills and so on.

Registered mail: a mail which is received in post offices or clients' home / work place and in lieu of it a mailing receipt is issued for sender; a postal barcode is affixed to the mail so that all operational processes can be registered and tracked in the computerized system. Also, when the mail is delivered to the receiver, he/she signs for the item. Main mails are as follows: letters, printed matters, small parcels and special bags.

Express mail service (EMS): a mail which is received in post offices or clients' home / work place to be dispatched and delivered to the receiver and in lieu of it, a mailing receipt is given to the sender and a postal barcode is affixed to the mail so that all operational processes can be registered and tracked in the computerized system. Also, when the mail is delivered to the receiver, he/she signs for the item. Main express mails are as follows: Packages containing documents and parcels containing merchandises.

Hand-to-hand mail: is a service in which a mail is received in post offices or clients' home / work place to be sent in a special manner and in lieu of it, a mailing receipt is given and a postal barcode is affixed to the mail so that all operational processes can be registered and tracked in the computerized system. Also, when the mail is delivered to the receiver, he/she signs for the item. In this service, destination of the mail is specified by the client and its operational processes is done in a particular manner and service duration (reception and distribution of the mail) is carried out in determined time intervals.

At present, area of this service is divided into four groups in terms of destination: urban group, inter-city group of intra-province and inter-city group in neighboring provinces and inter-city group in non-neighboring provinces.

A. Measurement of registered mail service, EMS and hand to hand mail service is obtained by registers.

B. In order to measure ordinary mail service, sampling methods and estimation of the number of mails per month are used.

Population coverage of each postal unit: Total population of the country divided by the number

of operating postal units (public and private sector).

Installed telephone: a telephone line whose essential equipment is installed, but not yet supplied to the customer.

Telephone in use: a telephone line supplied to a customer so that calls could be made through it.

Active mobile phone subscribers: active permanent and prepaid mobile phone numbers in operators' network that without attaching to a specific place and through using accessibility facilities, provide mobile phone subscribers with telecommunicative connections by access to / through mobile phone and system of radio transmission.

Mobile phone penetration rate: the number of active postpaid and prepaid mobile phones per 100 people.

Coverage of mobile in main roads: the number of kilometers of the main roads where communication through mobile phone with at least one operator is possible and the basis of the communication information is the Ministry of Roads and Urban Development and is related to the commitments indicated in the contents of licence of operators.

Villages with fixed telephone lines: the number of villages where fixed telephone communications for their habitants with public telecommunication network are run by using telecommunicative equipment and facilities. Information is based on the definition of village provided by the Ministry of the Interior.

Internet: the global public computer network that provides access to a number of communicative services such as: world wide web, e-mail, news, information, data, media, etc.,.

Households having computers: the number of these households are obtained by surveys. This indicator stands for desktop computers, laptop computers, tablets and small computers such as PDA¹. This definition excludes mobile phones.

Households having Internet access at their home: refers to the households who have Internet access in their houses. In this definition, access to Internet services from every device is considered. This device can be a computer, mobile phone, game console or digital TV (IP-TV), etc. Internet

access can be through fixed telephone network or mobile phone.

Population using computer: Refers to the population who uses personal computer in different places (home, school and place of work).

Population using Internet: Refers to the number of Internet users. In this definition, an Internet user is a person who has been using Internet since last three months through any device (this definition is based on the latest communiqué of International Telecommunication Union).

Inter-city optic fiber cable: Refers to the total kilometer of inter-city optic fiber cable between centres and nation's infrastructural stations (Microwave, inter-city switching centre, international switching centre).

International bandwidth: Rate of input and output traffic transmission (whether voice channel or data) in the country through one network connection.

IP network capacity in the country: Rate of Internet input and output traffic transmission between Ostans and between fixed and mobile telecommunicative networks in centres and telecommunicative stations of Infrastructure Communications Company including switching centres, data and transmission network stations.

Service: refers to all activities which have business nature and are income-producing for activity provider.

Complementary Service: refers to all side-activities carried out by service provider and are not of business and income-producing nature.

Selected information

In the year 1395, total number of installed telephones was 35594125 out of which 30506633 telephones are in use. The number of installed telephones and telephones in use increased 2.6% and 0.8%, respectively compared with the previous year. In the year 1395, total number of ceded mobile phone lines including Hamrah Aval, Irancell and Rightel operators was 153749795 out of which 19146000 and 134603795 was postpaid and prepaid lines, respectively. In the same year, the total number of mobile phones in use was 82883447 out of which 16103356 and 66780091 were postpaid and prepaid lines, respectively.

1. Personal Digital Assistant

At the end of the year 1395, total number of operating mobile phone subscribers was 82883447 lines that increased more than 9.2% compared to the previous year. Out of this number, the Ostans of Tehran, Esfahan, Khorasan-e-Razavi, , Fars and Khuzestan with 16678387, 5866152, 5552781, 5551903 and 4882914 had the highest mobile phone subscribers compared to other Ostans, respectively.

In the year 1394, coverage of the population aged 6 and over with mobile phone was 77.9%. In the year 1395, the total number of nationwide high-speed Internet lines is 9408023, out of which 6668953 lines are for household and 2739070 lines are for commercial use.

Among Ostans of the country, Tehran, Esfahan, Khorasan-e-Razavi, Fars and Mazandaran had the largest share of high speed Internet with 2373869, 828811, 720843, 601901 and 499099, respectively.

In the year 1395, the capacity of inter-city dark fiber was 62602 kilometers while international Internet bandwidth was 743 and domestic IP network capacity was 6800 gigabyte/second.

In the year 1395, total number of urban and inter-city mails in intra-provinces by type of mail was 127637000. The number of dispatched outprovince mails was 156793000 and the number of mails dispatched to foreign destinations was 44992000 including ordinary mails, registered mails, EMS mails and hand-to-hand parcels.

13.1. NUMBER OF FIXED INSTALLED AND TELEPHONES IN USE AND RURAL AREAS WITH TELEPHONE COMMUNICATION

Year and Ostan	Installed telephones	Telephones in use	Rural areas with telephone communication
1380.....	12170431	10896572	31893
1385.....	27143632	22626944	51058
1390.....	31377423	26540207	52704
1391.....	31705021	27478443	52965
1392.....	32355606	28462360	52916
1393.....	33703240	29417318	54320
1394.....	34688475	30262157	54273
1395.....	35594125	30506633	55207
East Azarbayejan.....	1833385	1627801	2575
West Azarbayejan.....	1179388	1091360	3083
Ardebil.....	514500	435741	1685
Esfahan.....	2989755	2437975	1581
Alborz ⁽¹⁾	000	000	000
Ilam.....	198789	150680	546
Bushehr.....	419845	334758	571
Tehran ⁽¹⁾	9436719	8278148	994
Chaharmahal & Bakhtiari.....	285651	267427	687
South Khorasan.....	342195	295584	1730
Khorasan-e-Razavi.....	2621318	2308020	2960
North Khorasan.....	297966	267685	780
Khuzestan.....	1490677	1139316	2936
Zanjan.....	419591	361802	915
Semnan.....	345117	326309	480
Sistan & Baluchestan.....	611392	509494	4927
Fars.....	1911417	1543294	3401
Qazvin.....	539369	440897	849
Qom.....	607802	508349	154
Kordestan.....	553160	526137	1664
Kerman.....	917194	886940	4955
Kermanshah.....	666702	586983	2515
Kohgiluyeh & Boyerahmad.....	207505	145789	1625
Golestan.....	713679	614870	1001
Gilan.....	1167458	1117950	2567
Lorestan.....	602997	408056	2573
Mazandaran.....	2015032	1612654	2974
Markazi.....	675754	610288	1116
Hormozgan.....	618193	524754	1476
Hamedan.....	751740	610060	1082
Yazd.....	659835	537512	805

1. Statistics for Alborz are included with Tehran.

Source: Ministry of Information and Communications Technology.

(1)
13.1. FIXED TELEPHONE PENETRATION RATE, THE YEAR 1395



For data see Tables 13.1 and 3.2

- NO DATA
- 18 - 26
- 27 - 35
- 36 - 44
- 45 and more

(1) For calculation of the fixed telephone penetration rate, the population estimated by Statistical Centre of Iran in the year 1395 was used. Statistics for Alborz was included with Tehran.

13.2. CEDED AND IN -USE MOMILE PHONE LINES BY TYPE OF LINE AND OPERATOR

Year	Grand total					
	Ceded mobile phone lines			In-use mobile phone lines		
	Total	Postpaid	Prepaid	Total	Postpaid	Prepaid
1391.....	112762025	000	000	59402896	000	000
1392.....	119325825	18004834	101320991	63831568	000	000
1393.....	137190786	18241713	118949074	70920183	14847100	56073083
1394.....	149775315	18915959	130859356	75914506	14981304	60933202
1395.....	153749795	19146000	134603795	82883447	16103356	66780091

Year	Hamrahe Aval operator					
	Ceded mobile phone lines			Mobile phone lines in use		
	Total	Postpaid	Prepaid	Total	Postpaid	Prepaid
1391.....	53897468	16509634	37387834	35681906	13365569	22316337
1392.....	56955567	16946304	40009263	37627248	13935240	23692008
1393.....	62917049	17465922	45451128	40437655	14497458	25940197
1394.....	63485928	18051585	45434343	43485071	14636496	28848575
1395.....	67579929	18139574	49440355	48986225	15737028	33249197

Year	Iracell operator					
	Ceded mobile phone lines			Mobile phone lines in use		
	Total	Postpaid	Prepaid	Total	Postpaid	Prepaid
1391.....	58385827	000	000	23483852	000	000
1392.....	61202963	956645	956645	25201472	000	000
1393.....	69888651	648949	69239702	28114580	281146	27833434
1394.....	79883920	746946	79136974	30546140	310284	30235856
1395.....	79687476	841758	78845718	32121049	321211	31799838

Year	Rightel operator					
	Ceded mobile phone lines			Mobile phone lines in use		
	Total	Postpaid	Prepaid	Total	Postpaid	Prepaid
1391.....	478730	63579	415151	237138	61432	175706
1392.....	1167295	101885	1065410	1002848	95845	907003
1393.....	4385086	126842	4258244	2367948	68496	2299452
1394.....	6405467	117428	6288039	1883295	34524	1848771
1395.....	6482390	164668	6317722	1776173	45117	1731056

Source: Ministry of Information and Communications Technology.

13.3. NUMBER OF SUBSCRIBERS OF MOBILE PHONES IN USE AT THE END OF THE YEAR

Ostan	The year 1380	The year 1385	The year 1390	The year 1391	The year 1392	The year 1393	The year 1394	The year 1395
Total country	2087353	15385289	⁽¹⁾ 55426281	59402896	63831568	70920183	75914506	82883447
East Azarbayejan.....	71800	677603	1563767	2629302	2748472	3210766	3328545	3800834
West Azarbayejan	38451	452780	1191889	1946342	2097744	2321748	2555666	2980133
Ardebil.....	14764	187132	478572	805506	871535	884015	1012292	1228310
Esfahan	163287	1262229	2721412	4159149	4349182	4865937	5141320	5866152
Alborz.....	⁽²⁾ 000	⁽²⁾ 000	1230936	1818617	2098663	1509983	1271654	1375887
Ilam	5759	94736	275665	414849	455223	461663	565544	643525
Bushehr	18442	208046	581251	951418	1024801	1094448	1390261	1387333
Tehran	⁽²⁾ 000	⁽²⁾ 000	6212503	12129494	12274731	15945025	16551439	16678387
Chaharmahal & Bakhtiari	9661	146267	415449	594288	675792	710475	793767	944313
South Khorasan	⁽³⁾ 000	49362	237395	368172	424193	481293	612512	697995
Khorasan-e-Razavi	⁽³⁾ 116554	1005295	2107934	4639663	4988290	5258619	5028730	5552781
North Khorasan	⁽³⁾ 000	65679	238071	516074	568170	591501	625709	717264
Khuzestan.....	55318	850009	1818244	3678310	3927707	4321121	4574351	4882914
Zanjan.....	6899	140883	428550	694517	728446	777570	854336	1003537
Semnan.....	17348	134398	363782	543002	645997	688847	854758	864439
Sistan & Baluchestan	21632	209738	764364	1348913	1403556	1630768	1843530	2073289
Fars.....	109712	1034788	2241980	3672958	4106194	4400096	4594920	5551903
Qazvin	15252	202140	568222	946516	972933	1060281	1089866	1230948
Qom.....	21369	220885	640273	973932	1015509	1054779	1263842	1382198
Kordestan	5984	187162	670777	1042581	1141867	1195708	1383535	1553086
Kerman.....	48772	483961	1343656	1900466	2090285	2367324	2738185	2865969
Kermanshah	14960	304897	867652	1406697	1516867	1589910	1766293	2071268
Kohgiluyeh & Boyerahmad	6715	81371	274000	461946	487020	528648	660141	803756
Golestan	9585	199410	701296	1247510	1344071	1472081	1583874	1691997
Gilan.....	30352	493438	1349714	2116999	2466853	2460526	2649384	2977002
Lorestan.....	8437	223914	596526	1152349	1268215	1304866	1311655	1552994
Mazandaran.....	39571	603418	1415029	2751504	3129064	3492206	3712198	4018265
Markazi	22448	243380	706677	1093816	1155436	1191819	1362621	1475730
Hormozgan.....	21466	208815	723170	1334705	1521513	1545019	1999291	2124853
Hamedan	12163	244160	732160	1226222	1341387	1356828	1494119	1652714
Yazd	28439	267902	694106	837079	991852	1146313	1300168	1233671

1. A number of 21271259 IranCell simcards for the year 1390 are included in the total

2. Statistics for Alborz are included with Tehran.

3. Statistics for South Khorasan and North Khorasan are included with Khorasan-e-Razavi.

Source: Ministry of Information and Communications Technology.

13.4. COVERAGE OF MOBILE PHONE BY TYPE OF OPERATOR (percent-Kilometer)

Year	Hamrahe Aval					
	Coverage of population	Coverage of main roads	Coverage of by-roads	Coverage of railroads	Cities under coverage	Villages under coverage
1392.....	94.0	31321.0	32054.0	8925	1173	43641
1393.....	94.2	31568.3	34591.6	8926	1244	44273
1394.....	94.2	31568.3	34591.0	8926	1242	61722
1395.....	96.5	32078.3	34591.0	8926	1244	31003⁽¹⁾

Year	Iracell			
	Coverage of population	Coverage of main roads, by-roads and rail roads	Cities under coverage	Villages under coverage
1392.....	82.72	24317.30	1126	1086
1393.....	85.46	29760.14	1180	1155
1394.....	85.84	32652.00	1196	1178
1395.....	85.99	35202.06	1023	17631

Year	Rightel			
	Coverage of population	Coverage of main roads, by-roads and rail roads	Cities under coverage	Villages under coverage
1392.....	48.00	509.5	161	0
1393.....	52.00	509.5	222	0
1394.....	61.29	12909.0	487	0
1395.....	62.90	21406.5	488	65

1. The decrease in the number of villages under coverage of Hamrah Aval operator is due to exclusion of villages with WLL (Wireless Local Loop) connections in total.

Source: Ministry of Information and Communications Technology.

13.5. NUMBER OF HOUSEHOLDS BY ACCESS TO THE INFORMATION COMMUNICATIONS TECHNOLOGY AT HOME BY URBAN AND RURAL AREAS

Description	The year 1387		The year 1389		The year 1392		The year 1394	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total households	18779479	100.0	20286247	100.0	22821770	100.0	24299758	100.0
Households with fixed telephones	17667020	94.1	19502822	96.1	22262811	97.6	23977109	98.7
Households with computers..	5665902	30.2	7146171	35.2	10468407	45.9	13938943	57.4
Households with access to the Internet at their home	3411499	18.2	4336567	21.4	8625067	37.8	13479815	55.5
Urban households	13122602	100.0	14954050	100.0	16778841	100.0	17988344	100.0
Households with fixed telephones	12586050	96.0	14625740	97.8	16589616	99.0	17854880	99.3
Households with computers..	5068782	38.6	6506340	43.5	9061681	54.0	11658548	64.8
Households with access to the Internet at their home	3070985	23.4	4075793	27.3	7567233	45.1	11162417	62.1
Rural households	5656877	100.0	5332197	100.0	6042929	100.0	6311414	100.0
Households with fixed telephones	5080970	89.8	4877082	91.5	5673195	93.9	6122228	97.0
Households with computers..	597120	10.6	639831	12.0	1406726	23.3	2280394	36.1
Households with access to the Internet at their home	340514	6.0	260774	4.9	1057834	17.5	2317398	36.7

Source: Statistical Centre of Iran.

13.6. NUMBER OF HOUSEHOLDS BY ACCESS TO INFORMATION COMMUNICATIONS TECHNOLOGY AT HOME BY OSTAN

Year and Ostan	Total households	Households with fixed telephones	Households with computers	Households with access to the Internet at their home
1387.....	18779479	17667020	5665902	3411499
1389.....	20286247	19502822	7146171	4336567
1392.....	22821770	22262811	10468407	8625067
1394.....	24299758	23977109	13938943	13479815
East Azarbayejan.....	1233537	1222825	598689	529897
West Azarbayejan	964010	955840	476708	413310
Ardebil.....	385977	385977	234845	215569
Esfahan.....	1650013	1643075	1041245	912632
Alborz.....	853015	850558	618475	590507
Ilam	156179	146065	92792	84609
Bushehr	294871	293133	186804	186690
Tehran	4211229	4175236	2738765	2683972
Chaharmahal & Bakhtiari.....	268041	264353	131193	110264
South Khorasan	203374	195130	77038	69527
Khorasan-e-Razavi.....	1962533	1901556	951105	923751
North Khorasan	276069	265498	113594	97319
Khuzestan.....	1320597	1299470	788109	933998
Zanjan.....	330186	328267	178338	148599
Semnan.....	208489	207300	124504	124038
Sistan & Baluchestan	688602	652793	240010	264684
Fars.....	1443905	1434700	950207	931938
Qazvin	401551	399171	224292	206455
Qom.....	370836	370482	286545	276063
Kordestan	456811	454678	248633	222770
Kerman.....	929200	922058	466660	466670
Kermanshah.....	603074	589269	281417	272419
Kohgiluyeh & Boyerahmad	181346	179088	106585	113090
Golestan.....	570446	564597	356373	328999
Gilan.....	869191	864835	448819	441766
Lorestan.....	529429	524267	301698	322758
Mazandaran.....	1056660	1052402	652350	634567
Markazi	479702	459553	234615	233328
Hormozgan.....	475201	463054	269214	270210
Hamedan	572543	564542	295377	281822
Yazd	353143	347339	223946	187593

Source: Statistical Centre of Iran.

13.7. POPULATION AGED SIX AND OVER BY USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY AND URBAN AND RURAL AREAS

Description	The year 1387		The year 1389	
	Number	Percent	Number	Percent
Total population	66059095	100.0	69136914	100.0
Households with access to mobile phones	×	-	37289600	53.9
Households with access to computers.....	×	-	18297957	26.5
Population of Internet users	7940790	12.0	10992097	15.9
Urban Population	44513052	100.0	50096296	100.0
Households with access to mobile phones	×	-	30223926	60.3
Households with access to computers.....	×	-	16411960	32.8
Population of Internet users	7234396	16.3	10150658	20.3
Rural population	21546043	100.0	19040618	100.0
Households with access to mobile phones	×	-	7065674	37.1
Households with access to computers.....	×	-	1885997	9.9
Population of Internet users	706394	3.3	841439	4.4

Description	The year 1392		The year 1394	
	Number	Percent	Number	Percent
Total population	70562413	100.0	72375210	100.0
Households with access to mobile phones	47430649	67.2	56375934	77.9
Households with access to computers.....	24221177	34.3	29782628	41.2
Population of Internet users	21134399	30.0	32811284	45.3
Urban Population	51317490	100.0	53138255	100.0
Households with access to mobile phones	36999545	72.1	42765209	80.5
Households with access to computers.....	21235321	41.4	25673669	48.3
Population of Internet users	18761404	36.6	27699198	52.1
Rural population	19244923	100.0	19236955	100.0
Households with access to mobile phones	10431104	54.2	13610725	70.8
Households with access to computers.....	2985856	15.5	4108959	21.4
Population of Internet users	2372995	12.3	5112085	26.6

Source: Statistical Centre of Iran.

13.8. POPULATION AGED SIX AND OVER BY USING INFORMATION AND COMMUNICATIONS TECHNOLOGY AND URBAN AND RURAL AREAS

Year and Ostan	Total population aged 6 and over	Population with access to mobile phones	Population with access to computers	population of Internet user
1387	66059095	×	×	7940790
1389	69136914	37289600	18297957	10992097
1392	70562413	47430649	24221177	21134399
1394	72375210	56375934	29782628	32811284
East Azarbayejan	3563312	2757404	1300715	1384636
West Azarbayejan	2956254	2221354	945744	1003436
Ardebil	1191628	962061	497738	506592
Esfahan.....	4686180	3818371	2302442	2310437
Alborz	2409006	1962811	1348457	1345008
Ilam	534832	361267	186361	211258
Bushehr	993096	819150	469759	525803
Tehran	11884924	9502048	6158621	6654897
Chaharmahal & Bakhtiyari	839880	709340	273772	303359
South Khorasan.....	704528	457335	229310	239822
Khorasan-e-Razavi.....	5771484	4100594	2051771	2264293
North Khorasan.....	822974	551141	235705	255626
Khuzestan.....	4287720	3364171	1598299	2120675
Zanjan	980408	885021	365742	382628
Semnan.....	631094	492680	275741	293291
Sistan & Baluchestan	2368029	1371802	480192	659430
Fars	4368357	3546413	1936852	2214198
Qazvin.....	1164361	857800	429097	440649
Qom	1115830	870498	613598	622638
Kordestan	1406105	974609	505863	494303
Kerman.....	2823475	2527577	1048786	1243739
Kermanshah	1844106	1349941	558953	703383
Kohgiluyeh & Boyerahmad	651198	488328	260636	309221
Golestan	1744487	1396334	738012	738442
Gilan	2421828	1990520	890541	1032938
Lorestan	1667626	1315788	569431	724132
Mazandaran.....	2959532	2464422	1354168	1445539
Markazi	1383634	986672	469744	558634
Hormozgan.....	1539257	1205437	593157	710724
Hamedan	1669831	1285458	590931	640371
Yazd.....	990233	779588	502490	471182

Source: Statistical Centre of Iran.

13.9. NUMBER OF DISAGGREGATED HIGH SPEED INTERNET LINES AT THE END OF THE YEAR 1395

Ostan	Total	Household	Commercial
Total country	9408023	6668953	2739070
East Azarbayejan.....	489886	409237	80649
West Azarbayejan	293192	249691	43501
Ardebil.....	129049	106694	22355
Esfahan.....	828811	663323	165488
Alborz.....	220612	71488	149124
Ilam	46791	38292	8499
Bushehr	130316	99631	30685
Tehran	2373869	1482604	891265
Chaharmahal & Bakhtiari.....	88989	70882	18107
South Khorasan	81514	69189	12325
Khorasan-e-Razavi	720843	552835	168008
North Khorasan	69301	51132	18169
Khuzestan.....	405022	223197	181825
Zanjan.....	96293	77315	18978
Semnan.....	118947	95790	23157
Sistan & Baluchestan	113285	87757	25528
Fars.....	601901	397115	204786
Qazvin	119364	99806	19558
Qom.....	181874	137136	44738
Kordestan	148067	116213	31854
Kerman.....	246555	168267	78288
Kermanshah.....	161491	124669	36822
Kohgiluyeh & Boyerahmad	40815	25551	15264
Golestan.....	168547	127694	40853
Gilan.....	317961	247423	70538
Lorestan.....	117775	91991	25784
Mazandaran.....	499099	320545	178554
Markazi	158906	134765	24141
Hormozgan.....	123501	78377	45124
Hamedan	131449	102715	28734
Yazd	183998	147629	36369

Source: Ministry of Information and Communications Technology.

13.10. NUMBER OF SUBSCRIBERS OF THIRD GENERATION OF THE INTERNET(3G) BY OPERATOR AT THE END OF THE YEAR 1395

Ostan	Total	Hamrah Aval	Irancell	Rightel
Total country	28909943	15379819	11606339	1923785
East Azarbayejan	1161955	689708	429373	42874
West Azarbayejan	858809	522437	299197	37175
Ardebil	381621	208117	158512	14992
Esfahan	2007824	1143701	728553	135570
Alborz.....	1177253	582566	505975	88712
Ilam	194888	128099	55739	11050
Bushehr	443689	239558	191044	13087
Tehran	6922192	3715719	2503931	702542
Chaharmahal & Bakhtiari	348566	222698	110910	14958
South Khorasan	197336	124231	67634	5471
Khorasan-e-Razavi	1735779	835150	820188	80441
North Khorasan	235901	132200	98683	5018
Khuzestan.....	1738025	763406	901753	72866
Zanjan	361031	242754	103080	15197
Semnan	307325	160122	124934	22269
Sistan & Baluchestan	546804	238711	255836	52257
Fars	1833974	830508	905752	97714
Qazvin	444461	290197	126645	27619
Qom.....	552486	351353	174167	26966
Kordestan	432782	277338	136557	18887
Kerman	855809	443767	333323	78719
Kermanshah	650703	384698	223179	42826
Kohgiluyeh & Boyerahmad	278482	137254	117453	23775
Golestan.....	557750	267822	258454	31474
Gilan.....	887193	478180	341822	67191
Lorestan	464212	272079	171302	20831
Mazandaran	1248251	518197	673051	57003
Markazi	501343	325647	144252	31444
Hormozgan	639400	232463	372640	34297
Hamedan	508793	311774	172896	24123
Yazd	435306	309365	99504	26437

Source: Ministry of Information and Communications Technology.

13.11. CHARACTERISTICS OF INFRASTRUCTURE OF INFORMATION TECHNOLOGY AT THE END OF THE YEAR

Year	Capacity of inter-city dark fiber cable(km)	Band width of international Internet (gigabyte/second)	Domestic IP network capacity (gigabyte/second)
1390.....	46988	64.30	475
1391.....	50845	71.76	553
1392.....	54122	122.60	850
1393.....	56466	187.10	1500
1394.....	57044	547.00	4000
1395.....	62602	743.00	6800

Source: Ministry of Information and Communications Technology.

13.12. MOBILE PHONE LINES CEDED AND IN USE BY OPERATOR AND OSTAN, THE YEAR 1395

Ostan	Grand total		Hamrah Aval		Irancell		Rightel	
	Lines ceded	Lines in use	Lines ceded	Lines in use	Lines ceded	Lines in use	Lines ceded	Lines in use
Total country	153749795	82883447	67579929	48986225	79687476	32121049	6482390	1776173
East Azarbayejan.....	6538687	3800834	3197693	2463396	3194639	1297337	146355	40101
West Azarbayejan	5207912	2980133	2783833	2020986	2294893	923750	129186	35397
Ardebil	2192258	1228310	986867	752641	1152359	461138	53032	14531
Esfahan.....	10420216	5866152	5036234	3730917	4909559	2005243	474423	129992
Alborz.....	5774111	1375887	2364544	⁽¹⁾ 000	3129638	1299186	279929	76701
Ilam	1103872	643525	612295	443832	452482	188981	39095	10712
Bushehr	2443964	1387333	1062371	818990	1337715	556321	43878	12022
Tehran	29537089	16678387	11196249	⁽¹⁾ 9621524	16086645	6439214	2254195	617649
Chaharmahal & Bakhtiari	1716415	944313	978846	639219	684453	290541	53116	14553
South Khorasan	1240014	697995	658183	464003	562341	228652	19490	5340
Khorasan-e-Razavi.....	9960845	5552781	4276814	3244935	5407873	2232178	276158	75668
North Khorasan	1457581	717264	718103	418986	721615	293383	17863	4895
Khuzestan.....	9718571	4882914	3416095	2370095	6049259	2443437	253217	69382
Zanjan.....	1826091	1003537	1008981	680990	765536	308416	51574	14131
Semnan.....	1706982	864439	759733	488840	869819	354383	77430	21216
Sistan & Baluchestan	3964697	2073289	1972462	1264540	1805708	757640	186527	51109
Fars.....	10829132	5551903	4542929	3127798	5944739	2330544	341464	93561
Qazvin	2213303	1230948	1125967	819107	991466	385572	95870	26269
Qom.....	2607521	1382198	1409044	902650	1105305	454019	93172	25529
Kordestan	2450447	1553086	1381055	1120254	1005429	415307	63963	17525
Kerman.....	4934566	2865969	2354525	1831112	2303726	959146	276315	75711
Kermanshah.....	3631018	2071268	1876854	1389435	1605351	641058	148813	40775
Kohgiluyeh & Boyerahmad	1518595	803756	708275	476939	727052	304002	83268	22815
Golestan	3231760	1691997	1348304	935746	1772548	725862	110908	30389
Gilan.....	5357979	2977002	2378128	1858657	2744281	1053799	235570	64546
Lorestan.....	2822344	1552994	1467459	1002671	1282211	530411	72674	19912
Mazandaran.....	7544836	4018265	2487512	2110763	4856727	1852539	200597	54963
Markazi	2595774	1475730	1326685	982968	1161044	463158	108045	29604
Hormozgan.....	4206541	2124853	1446788	1027938	2640086	1064127	119667	32788
Hamedan	3025968	1652714	1527223	1069878	1414897	559862	83848	22974
Yazd	1970706	1233671	1169878	906415	708080	301843	92748	25413

1. Statistics for Alborz are included in Tehran.

Source: Ministry of Information and Communications Technology.

13.13. OPERATING POSTAL UNITS AND MAILS DISPATCHED, THE YEAR 1395

Ostan	Public			Private			
	General department & department	Urban office	Rural office	Postal agency	Joint post & telecommunications office	Government's counter office	Rural ICT office
Total Country.....	389	839	15	1791	2	4894	7665
East Azarbayejan	19	51	0	96	0	286	817
West Azarbayejan	18	17	1	95	0	228	451
Ardebil	9	6	0	42	0	107	320
Esfahan	22	71	0	212	0	363	348
Alborz.....	6	30	2	3	0	102	20
Ilam	7	8	0	1	0	55	100
Bushehr	11	22	0	20	0	56	148
Tehran	21	177	0	2	0	434	9
Chaharmahal & Bakhtiari ..	6	19	0	46	0	130	128
South Khorasan	10	5	0	0	0	63	219
Khorasan-e-Razavi	27	27	0	337	0	343	0
North Khorasan	9	5	4	30	0	49	139
Khuzestan.....	21	62	0	0	0	341	271
Zanjan.....	8	15	0	133	0	90	245
Semnan.....	10	13	0	0	0	54	100
Sistan & Baluchestan	11	35	0	33	0	64	239
Fars.....	30	12	1	49	0	503	540
Qazvin	6	25	0	36	0	55	210
Qom.....	1	24	0	5	0	71	51
Kordestan	10	11	0	1	0	115	188
Kerman.....	11	22	1	50	0	154	405
Kermanshah	14	11	0	91	0	126	198
Kohgiluyeh & Boyerahmad .	3	3	0	162	0	40	68
Golestan.....	14	17	0	25	2	117	409
Gilan.....	15	39	4	10	0	222	364
Lorestan.....	9	21	0	0	0	56	360
Mazandaran.....	22	24	0	189	0	325	410
Markazi	10	12	0	2	0	92	231
Hormozgan.....	12	15	1	30	0	60	140
Hamedan	9	33	0	73	0	133	444
Yazd.....	8	7	1	18	0	60	93

13.13. OPERATING POSTAL UNITS AND MAILES DISPATCHED, THE YEAR 1395 (continued)

Ostan	P.O. Boxes		Number of mails
	Urban	Rural	
Total Country.....	7627	8108	494945974
East Azarbayejan	581	352	24337140
West Azarbayejan	231	424	11356026
Ardebil	132	156	3912765
Esfahan	265	519	16381603
Alborz.....	111	170	12814714
Ilam	49	98	3477786
Bushehr	182	132	6251571
Tehran	147	1505	172173169
Chaharmahal & Bakhtiyari	157	135	4777283
South Khorasan	234	111	2593595
Khorasan-e-Razavi	747	429	44101324
North Khorasan	148	117	4910270
Khuzestan.....	215	331	29339447
Zanjan	220	155	6088811
Semnan	105	153	10461473
Sistan & Baluchestan	242	251	8312838
Fars	403	260	10778783
Qazvin	210	146	6784479
Qom.....	53	141	7857390
Kordestan	186	146	4735079
Kerman	272	306	12188068
Kermanshah	283	395	10924741
Kohgiluyeh & Boyerahmad	140	114	2118607
Golestan.....	382	167	6512925
Gilan.....	275	218	11451141
Lorestan	301	203	6711001
Mazandaran	274	228	20709500
Markazi	250	225	12338591
Hormozgan	268	105	4785159
Hamedan	433	248	4516090
Yazd	131	168	11244605

Source: Post Company of Islamic Republic of Iran.

**13.14. MAILES DISPATCHED TO IN- OSPAN (CITY & INTERCITY) BY TYPE OF MAIL,
THE YEAR 1395**

Ostan	Grand total	Ordinary mail	Registered mail			
			Mail	Parcel & bag	Printed	Deposit
Total country	127637223	76212644	19972438	701927	789084	337542
East Azarbayejan.....	4848455	3363346	483478	4342	6603	3333
West Azarbayejan	2676422	1815808	364610	2166	7004	801
Ardebil.....	1442984	982125	114499	3830	550	725
Esfahan.....	5063664	2678491	761173	59753	18934	10669
Alborz.....	4194707	2550558	1014162	1649	1812	1811
Ilam	755694	578845	39187	651	1	65
Bushehr	1390785	835966	239036	6689	188	294
Tehran	48718938	21052368	11156575	531167	679997	262428
Chaharmahal & Bakhtiyari....	901054	693502	54377	458	131	103
South Khorasan	680772	429278	100770	308	229	1201
Khorasan-e-Razavi	12362371	10311293	685821	7788	14022	11552
North Khorasan	775404	479890	107964	229	3213	59
Khuzestan.....	4749910	3548329	312609	6830	722	3396
Zanjan.....	1548969	1055819	233769	1945	15	199
Semnan.....	2770299	2250516	142059	1622	7871	1054
Sistan & Baluchestan	2729556	2262804	165571	461	2577	5045
Fars	1946523	201011	420022	9449	5255	9556
Qazvin	1316683	880733	160970	150	188	322
Qom.....	2424015	1886489	307642	10049	6679	650
Kordestan	1538165	1201705	51025	4506	90	517
Kerman.....	3210357	1859334	787043	1104	4732	3008
Kermanshah.....	3315381	2777468	121136	1382	352	406
Kohgiluyeh & Boyerahmad ..	654797	477246	34040	147	5528	71
Golestan.....	1422649	915456	244388	1702	8361	1160
Gilan.....	2927591	1840380	386343	22599	357	2076
Lorestan.....	638925	280686	63222	6252	2002	1190
Mazandaran.....	4636262	3545063	298221	3966	2347	2802
Markazi	3795145	3182615	201437	2554	2439	3483
Hormozgan.....	742113	57265	389270	1124	322	4969
Hamedan	1400652	851225	148727	3373	5970	3802
Yazd	2057981	1367030	383292	3682	593	795

**13.14. MAILED DISPATCHED TO IN- OSTAN (CITY & INTERCITY) BY TYPE OF MAIL,
THE YEAR 1395 (continued)**

Ostan	Express mail service		Hand to hand mail	
	Envelope	Parcel	Envelope	Parcel
Total Country.....	24535285	1104762	3942106	41435
East Azarbayejan.....	674147	17223	295914	69
West Azarbayejan	419176	5521	61245	91
Ardebil.....	297172	4459	39354	270
Esfahan.....	998606	59094	468506	8438
Alborz.....	422652	3582	198169	312
Ilam	94563	4360	37601	421
Bushehr	236567	36629	31998	3418
Tehran	13347425	751909	929227	7842
Chaharmahal & Bakhtiari....	124684	609	27188	2
South Khorasan	142771	1719	4343	153
Khorasan-e-Razavi	992393	17840	320065	1597
North Khorasan	138173	483	45363	30
Khuzestan	646926	20924	210065	109
Zanjan.....	224294	4461	28464	3
Semnan.....	335089	6713	25232	143
Sistan & Baluchestan	253213	5905	33707	273
Fars.....	939413	71527	276563	13727
Qazvin	201679	1361	71266	14
Qom.....	166360	6296	39584	266
Kordestan	239643	4710	35578	391
Kerman.....	503954	5160	45976	46
Kermanshah.....	296727	1720	116115	75
Kohgiluyeh & Boyerahmad ..	111298	2931	23521	15
Golestan.....	212885	12413	24675	1609
Gilan.....	513799	16777	144664	596
Lorestan.....	190151	6167	88916	339
Mazandaran	653206	13111	116977	569
Markazi	374773	4252	23406	186
Hormozgan.....	270090	6175	12766	132
Hamedan	253312	8870	125324	49
Yazd	260144	1861	40334	250

Source: Post Company of Islamic Republic of Iran.

13.15. MAILED DISPATCHED TO OUT OF OOSTAN, THE YEAR 1395

(Parcel)

Ostan	Grand total	Ordinary mail	Registered mail			
			Mail	Parcel & bag	Printed	Deposit
Total country	156793315	103111223	6131817	1191722	796567	1593365
East Azarbayejan	5953136	4550409	446306	58013	2112	58634
West Azarbayejan	3006858	2456682	84645	12734	8946	8596
Ardebil	1627297	1328757	47122	8204	479	4400
Esfahan	5472874	3623841	248136	91458	14998	77398
Alborz.....	4722701	3450754	262861	66690	1556	107537
Ilam	921107	783143	8456	256	29	1391
Bushehr	1469598	1131013	16271	8220	175	27065
Tehran	63959957	28482616	3214576	586759	579930	829634
Chaharmahal & Bakhtiari ...	1129435	938268	38192	5294	468	3388
South Khorasan	810569	580788	50683	5190	773	10426
Khorasan-e-Razavi	15660242	13950572	249190	34892	83312	30443
North Khorasan	811597	649263	27603	1566	1582	3121
Khuzestan.....	5804254	4800681	130484	27832	1705	108295
Zanjan	1730338	1428461	55135	6997	131	11588
Semnan	3376974	3044816	78082	20448	309	10877
Sistan & Baluchestan	3407469	3061441	31783	3596	378	10774
Fars	1451203	271956	121155	36116	41551	43953
Qazvin	1561037	1191580	51894	11938	273	17241
Qom.....	3374268	2552308	255814	36171	46428	36991
Kordestan	1989950	1625836	37521	5982	211	10477
Kerman	3032552	2515569	60350	6267	877	18940
Kermanshah	4188771	3757751	42672	8070	731	8893
Kohgiluyeh & Boyerahmad .	783901	645686	16236	801	35	2072
Golestan.....	1657192	1238558	87245	27465	570	14605
Gilan.....	3168041	2489925	69571	32748	1107	38211
Lorestan	716804	379752	32490	5415	1563	5374
Mazandaran	5736767	4796262	115888	21792	697	36818
Markazi	4835934	4305890	94338	22821	849	17894
Hormozgan	511504	77476	45618	22008	994	16331
Hamedan	1556977	1151658	53758	8012	2078	14729
Yazd	2364008	1849511	57742	7967	1720	7269

13.15. MAILED DISPATCHED TO OUT OF OSTAN, THE YEAR 1395 (continued) (Parcel)

Ostan	Express mail service		Hand to hand parcel	
	Parcel	Envelope	Parcel	Envelope
Total Country.....	38058605	5201654	573783	134579
East Azarbayejan	710741	114671	10987	1263
West Azarbayejan	368761	61357	4432	705
Ardebil	215113	21107	1940	175
Esfahan	1129841	260107	22625	4470
Alborz.....	463943	331245	31785	6330
Ilam	110067	13832	3624	309
Bushehr	198186	78049	8740	1879
Tehran	26981523	3071906	168903	44110
Chaharmahal & Bakhtiari	128121	11726	3689	289
South Khorasan	136880	23410	1855	564
Khorasan-e-Razavi.....	1044239	191901	48984	26709
North Khorasan	102754	9732	14233	1743
Khuzestan.....	606208	71542	55421	2086
Zanjan	209175	15899	2724	228
Semnan	178366	23881	16393	3802
Sistan & Baluchestan	203223	87314	5221	3739
Fars	696826	191574	39970	8102
Qazvin	258377	27359	2238	137
Qom.....	357299	83712	4196	1349
Kordestan	254492	52301	2465	665
Kerman	379021	38567	10446	2515
Kermanshah	323146	34999	10712	1797
Kohgiluyeh & Boyerahmad	108638	8996	1386	51
Golestan.....	220122	55658	9722	3247
Gilan.....	460384	58674	13693	3728
Lorestan	252249	28795	9681	1485
Mazandaran	672445	69009	21557	2299
Markazi	341853	39259	9790	3240
Hormozgan	283954	58289	5786	1048
Hamedan	285024	25367	13882	2469
Yazd	377634	41416	16703	4046

Source: Post Company of Islamic Republic of Iran.

13.16. MAILED DISPATCHED TO FOREIGN COUNTRIES, THE YEAR 1395

Ostan	Grand total	Ordinary mail	Registered mail			
			Mail	Parcel & bag	Printed	Deposit
Total country	44991677	44830967	24247	43911	6677	63073
East Azarbayejan	1981616	1978439	406	1091	0	1550
West Azarbayejan	1071879	1068122	752	1253	2	616
Ardebil	578021	577720	33	143	0	26
Esfahan	1585138	1575583	720	3201	8	5462
Alborz.....	1507108	1500328	1372	2329	4	2851
Ilam	340960	340497	5	5	0	4
Bushehr	492410	491745	136	108	0	196
Tehran	12474860	12383746	15321	22687	4473	35861
Chaharmahal & Bakhtiyari	408240	407943	75	46	0	94
South Khorasan	252690	252516	31	49	0	48
Khorasan-e-Razavi.....	6072310	6065466	895	2386	67	1414
North Khorasan.....	282467	282288	41	39	0	48
Khuzestan.....	2091162	2087253	408	1309	0	2159
Zanjan	621596	621070	74	236	0	134
Semnan	1324324	1323833	93	80	0	71
Sistan & Baluchestan	1331374	1331061	54	33	0	62
Fars	126228	118242	469	2263	122	4017
Qazvin	518967	518078	164	358	0	315
Qom.....	1113571	1109699	190	1189	1933	481
Kordestan	708878	706885	167	607	0	1121
Kerman	1094627	1093726	87	203	0	479
Kermanshah	1636459	1633805	877	703	7	1001
Kohgiluyeh & Boyerahmad	280864	280733	35	20	0	14
Golestan.....	539383	538504	196	357	0	298
Gilan.....	1089551	1082576	717	1846	43	2904
Lorestan	165445	165110	74	85	11	103
Mazandaran	2088080	2085331	546	881	7	1089
Markazi	1873062	1872126	98	92	0	167
Hormozgan	34190	33685	83	29	0	27
Hamedan	501375	500721	21	246	0	319
Yazd	804841	804135	107	37	0	142

13.16. MAILED DISPATCHED TO FOREIGN COUNTRIES, THE YEAR 1395 (continued)

Ostan	Express mail service	
	Envelope	Parcel
Total Country	13001	9801
East Azarbayejan	91	39
West Azarbayejan	395	739
Ardebil	20	79
Esfahan	75	89
Alborz.....	113	111
Ilam	238	211
Bushehr	72	153
Tehran	8539	4233
Chaharmahal & Bakhtiari	69	13
South Khorasan	20	26
Khorasan-e-Razavi	546	1536
North Khorasan	37	14
Khuzestan.....	25	8
Zanjan	17	65
Semnan	115	132
Sistan & Baluchestan	91	73
Fars	101	1014
Qazvin	20	32
Qom.....	8	71
Kordestan	12	86
Kerman	89	43
Kermanshah	66	0
Kohgiluyeh & Boyerahmad	38	24
Golestan.....	20	8
Gilan.....	1413	52
Lorestan	27	35
Mazandaran	173	53
Markazi	237	342
Hormozgan	123	243
Hamedan	28	40
Yazd	183	237

Source: Post Company of Islamic Republic of Iran.

13.17. SHORT WAVE RADIO STATIONS AND TRANSMITTERS

Year and Ostan	Station	Transmitter
1380.....	5	34
1385.....	4	28
1390.....	4	28
1391.....	×	28
1392.....	4	28
1393.....	4	28
1394.....	4	26
1395.....	3	14
Tehran	1	12
Khuzestan	1	2
Sistan & Baluchestan	1	2
Kerman.....	1	10

Source: I. R. I. B.