

Introduction

Data presented in this chapter comprise literacy status in various population and housing censuses, the country's formal education at general and higher levels, and non-formal technical and vocational training.

Formal education is divided into general and higher education:

General education, including lower secondary, upper secondary, and technical and vocational training, is under the supervision of the Ministry of Education. It should be mentioned that since the academic year 1391-1392, due to changes in the educational system, the educational levels include a primary school, a junior high school, also known as a lower secondary school including 3 years of high school from the seventh to the ninth grade and senior high school also known as an upper secondary school including the last three years from the 10th to the 12th grade.

High school graduates, after getting a diploma and admission in the university entrance exam may start their higher education which leads to the following degrees: associates', bachelors', masters', Ph.D., and post-doctorate.

It should be noted that in addition to the universities and higher education institutes affiliated to the Ministry of Science, Research, and Technology, Islamic Azad University independently admits students and offers educational services on higher levels.

The first official statistical yearbook of the Ministry of Culture was published in the year 1297 and included statistics on primary, secondary and higher education. In the second statistical yearbook of the Ministry of

Culture published in the year 1305, statistics for school children and higher education students were presented comparatively for three academic years of 1301-1302, 1302-1303 and 1303-1304. These statistics have been produced on a yearly basis since the year 1305. Since the year 1343, statistics for school children have been published by the Ministry of Education. Activities for adult literacy training which began in the year 1334 has continued after the victory of the Islamic Revolution by the Literacy Movement Organization, founded in the year 1358. The Organization, from its very establishment, has regularly produced and presented statistics on its activities. The educational system of this organization has changed since the year 1390.

At present, the Ministry of Science, Research and Technology provides data on higher education.

The statistical information provided by the Ministry of Science, Research and Technology covers all the higher education institutes under the Ministry itself and those affiliated to other ministries and government organizations such as the Ministry of Education, Ministry of Health and Medical Education, Ministry of Oil, Physical Education Organization, etc. The certificates issued by these institutes are approved by the Ministry of Science, Research and Technology. Furthermore, data on the Technical and Vocational Training Organization have been a part of this chapter since the year 1375. The Organization was established in the year 1359 by merging Apprenticeship Funds, Vocational Education Centres and Apprenticeship Centres which were formerly responsible for vocational and technical training. The Organization

started its activities under the supervision of the Ministry of Cooperatives, Labour and Social Welfare. Moreover, the SCI provides general information on literacy status and educational attainment, as well as comparative changes, through the decennial National Population and Housing Censuses.

It should be mentioned that the Population and Housing Census has been implemented every 5 years since the year 1385 according to the government approval.

Regarding the presented statistics, the following points need to be explained..

1. Figures for teaching and clerical staff that have changed since the year 1394 include government workers and those who are assigned to non-government schools.

2. Figures related to the number of schools at different educational levels do not necessarily indicate the number of buildings allocated to the educational levels. For example, if during the academic year, a building is used by both primary and lower secondary courses, but at different times of the day, the building would be considered twice in statistics. This also applies to the number of classes held at different educational levels.

Definitions and concepts

Literate: every individual who can read and write a simple text in Farsi or any other language, whether having or not having an official certificate are considered literate.

Urban and rural areas and settled population: see Chapter 3, Population, Definitions and concepts.

Education: refers to learning under a formal education programme in Iran or abroad. Thus, learning in non-formal educational courses (such as learning foreign languages in private language schools or by a private tutor) is not considered education.

Teaching Staff: people working at school in three groups of teachers, management, and educational quality increasing. Occupations in the teacher groups comprise primary- school teachers, lower and upper secondary school teachers, vocational school teachers, and vocational school trainers. Occupations in the management group are composed of the principal, assistant for developing life and social skills, assistant for technology, executive assistant, assistant for public affairs, and assistant for education. Occupations in educational quality increasing group consist of consultant, educational and life skills affairs trainer,

health caregiver, in-charge of division, in-charge of education, in-charge of boarding school, the responsible person for literacy movement complex, the responsible person of rehabilitation, and the computer site operator.

Educational level: an educational course which results in receiving an educational degree/ attainment.

Student: a person who is studying at one of the educational levels based on the educational regulations.

Special education: refers to the education for children and teenagers who are unruly, physically or mentally retarded, and /or suffer from learning disabilities and/or are unadaptable. It encompasses pre-school, primary, lower-secondary (First 3 Years of high school), upper-secondary (Second 3 Years of high school) and technical and vocational training courses.

Primary education: is an educational period in which students start their education at the age of 6 for a duration of 6 years and receive a certificate after passing the determined educational grades.

Lower secondary education (First 3 Years of High school): a general educational course in which students are instructed immediately after primary school. After passing a three-year course, the students will receive a lower secondary certificate.

Upper secondary education (Second 3 Years of high school): a course in which the students are admitted after completing the lower secondary course and then are guided to technical and vocational or work and knowledge. The students who pass the determined units receive the upper secondary school diploma.

Adult student: is a student who has not had the qualification for in-day primary and secondary education; however, he/she continues his/her study in specified adult schools.

Adults' general education: the educational level of this course corresponds with the lower secondary course (a 3 year course) and provides educational opportunity for those who do not have the qualification for in-day education because of their age or other conditions.

Adults' complementary education: education in this course is similar to secondary education and provides educational opportunities for those who do not have the qualification for in-day education because of their age or other qualifications.

Literacy education course: a course for educating an illiterate person with more than 10 years of age who is

not able to be educated within the national formal educational system. This course equals the third grade of the elementary school in the national formal educational system.

Literacy transition course: a course equals the end grade of the primary school which provides the opportunity for those who have passed the literacy education course or its equivalent to continue their study.

Stabilization course: course that provides the opportunity of continuation, stability, and application of what has been learned for those who have completed the literacy education course and do not tend to continue their education.

Learner covered by the Literacy Movement Organization: refers to an illiterate and low-literate person aged over 10 who cannot study in a formal educational system and enrolls in the courses of the Literacy Movement Organization.

Learner completing the course: refers to the learner who successfully passed the final exams of the course.

University student: every admitted person who enrolls in one of the formal educational courses of higher education based on specified criteria and is studying at the university

Higher education centre: refers to an institute that admits students with the diploma, pre-university, or higher certificate to provide higher education and research services and grants associate's or higher degrees to its graduates.

University: the highest institute of higher education courses which is established by the authorization of the Council for High Education Development and comprises at least three faculties.

Full-time instructor of higher education institute: an instructor who is employed based on the specified criteria and has to work all his/her working hours in the institute of his/ her working place.

Part-time teachers of higher education institute: an instructor who renders theoretical or operational, educational services for a certain period.

Enrolled students in higher education institute: an individual who was admitted and enrolled in one of the higher education institutes based on the specified standards.

Graduated students from higher education institutes: an individual who has completed successfully one of the educational fields of higher education and attained educational degrees based on the specified criteria.

Technical and Vocational Training Organization

Trainees: individuals who attend the training centres of the organization for a certain period to acquire a particular vocation, retraining, or upgrading skill.

Permanent Technical and Vocational Training Centres: government places consisting of at least five training workshops with a legal identity and its organizational chart is approved by the State Plan and Budget Organization (former Vice Presidency for Strategic Planning and Supervision).

Selected information

According to the results of the 1365, 1375, 1385, 1390, and 1395 Population and Housing Censuses, the highest literacy rates among males aged 6 and over were 71.0%, 84.7%, 88.7%, 88.4%, and 91%, while literacy rates for females were 52.1, 74.2, 80.3, 81.1 and 84.2 percent, respectively.

During the academic year 1398-99, more than 8 million 29 thousand persons were studying at primary schools, more than 3 million 420 thousand persons were at lower secondary schools, and more than 2 million 683 thousand persons were at upper secondary schools which shows a rise of 2.7 percent in primary school compared to the previous year. Besides, the number of students in the lower secondary and upper secondary schools increased by 3.3 and 1.5 percent, respectively.

Moreover, during the same academic year, about 1024 thousand students were at the pre-school level that increased by 0.5 percent compared to the previous academic year. The number of special students was over 80,000, showing an increase of about 1.6% compared to the previous academic year.

The total number of university students over the academic year 1398-99 was over 3 million and 182 thousand persons indicating a decrease of about 5.6%, compared to the previous year.

Out of the total students, about 13.7 percent of students were studying at associate's, about 62.5 percent at bachelor's, about 16.1 percent at master's, and 2.9 percent at professional doctorate's and 4.6 percent at specialty doctorate's levels.

Over the academic year 1397-98, out of about 640,000 graduates from universities and higher education institutes, the graduates in technical and engineering courses, humanities, arts, agriculture and veterinary, medicine, and basic sciences accounted for 28.3, 49.3, 8.2, about 3.4, 5.8 and 4.6, percent, respectively.

17.1. LITERATE POPULATION IN URBAN AND RURAL AREAS BY SEX (1000 persons)

Description	Both sexes	Male	Female
<i>Total country</i>			
1345 Census	5556	3928	1628
1355 Census	12877	8198	4679
1365 Census ⁽¹⁾	23913	14078	9835
1370 Census ⁽¹⁾	33966	19091	14875
1375 Census ⁽¹⁾	41582	22465	19118
1385 Census ⁽¹⁾	54082	28835	25247
1390 Census ⁽¹⁾	57362	30126	27236
1395 Census⁽¹⁾	62667	32913	29754
<i>Urban areas</i>			
1345 Census	3833	2442	1390
1355 Census	8628	5145	3483
1365 Census	15507	8765	6742
1370 Census	21725	11903	9822
1375 Census	27857	14861	12996
1385 Census	39096	20625	18471
1390 Census	43048	22358	20690
1395 Census	48305	25048	23257
<i>Rural areas</i>			
1345 Census	1723	1485	238
1355 Census	4249	3053	1196
1365 Census	8371	5287	3084
1370 Census	12128	7114	5014
1375 Census	13661	7565	6096
1385 Census	14939	8183	6756
1390 Census	14287	7752	6534
1395 Census	14334	7849	6485

1. The difference between the total and sum of urban and rural areas is due to the inclusion of literate unsettled population in the total.

Sources: Ministry of the Interior;
- Statistical Centre of Iran.

17.2. POPULATION AGED 6 AND OVER, NUMBER OF LITERATE PEOPLE AND LITERACY RATE BY SEX AND AGE
(1000 persons-percent)

Sex and age group	1345 Census			1355 Census		
	Population	Literate	Literacy rate	Population	Literate	Literacy rate
Both sexes.....	19372	5556	28.7	27113	12877	47.5
6-9 years	2372	886 ⁽¹⁾	37.4 ⁽¹⁾	4110	2943	71.6
10-14 years	3098	1579	51.0	4303	3184	74.0
15-19 years	2181	892	40.9	3600	2196	61.0
20-24 years	1723	546	31.7	2792	1393	49.9
25-29 years	1699	402	23.7	2112	881	41.7
30-34 years	1723	320	18.6	1707	598	35.0
35-39 years	1461	268	18.3	1627	459	28.2
40-44 years	1360	229	16.8	1669	371	22.2
45-49 years	866	148	17.1	1389	284	20.5
50-54 years	767	91	11.9	1329	244	18.4
55-59 years	437	52	11.9	704	129	18.3
60-64 years	691	63	9.1	584	75	12.8
65 years and over	993	80	8.1	1186	120	10.1
Not specified	0	0	××	0	0	××
Male	10023	3928	39.2	13926	8198	58.9
6-9 years	1230	179 ⁽¹⁾	47.1 ⁽¹⁾	2129	1727	81.1
10-14 years	1639	1059	64.6	2259	1937	85.8
15-19 years	1087	595	54.7	1819	1348	74.1
20-24 years	810	380	46.9	1341	880	65.6
25-29 years	825	299	36.2	1010	581	57.5
30-34 years.....	892	249	27.9	842	416	49.4
35-39 years	789	208	26.4	825	338	41.0
40-44 years	761	187	24.6	895	288	32.2
45-49 years	492	124	25.2	751	219	29.2
50-54 years	385	75	19.5	732	196	26.8
55-59 years	229	44	19.2	397	105	26.5
60-64 years	356	56	15.7	301	62	20.6
65 years and over	530	72	13.6	624	100	16.0
Not specified	0	0	××	0	0	××
Female	9348	1628	17.4	13187	4679	35.5
6-9 years	1143	307 ⁽¹⁾	26.9 ⁽¹⁾	1981	1216	61.4
10-14 years	1459	520	35.6	2044	1247	61.0
15-19 years	1094	297	27.2	1782	848	47.6
20-24 years.....	912	166	18.2	1451	512	35.3
25-29 years	874	103	11.8	1101	299	27.2
30-34 years	831	71	8.5	865	182	21.0
35-39 years	672	60	8.9	801	121	15.1
40-44 years	600	41	6.8	773	83	10.7
45-49 years	374	24	6.4	638	65	10.2
50-54 years	383	15	3.9	597	48	8.0
55-59 years	209	8	3.8	307	24	7.8
60-64 years	335	7	2.1	283	14	5.0
65 years and over	463	8	1.7	562	20	3.6
Not specified	0	0	××	0	0	××

17.2. POPULATION AGED 6 AND OVER, NUMBER OF LITERATE PEOPLE AND LITERACY RATE BY SEX AND AGE (continued) **(1000 persons-percent)**

Sex and age group	1365 Census			1370 Multi-round Survey		
	Population	Literate	Literacy rate	Population	Literate	Literacy rate
Both sexes.....	38709	23913	61.8	45856	33966	74.1
6-9 years	5835	4822	82.6	7195	6635	92.2
10-14 years	5903	5025	85.1	7547	7056	93.5
15-19 years	5192	4073	78.5	5909	5275	89.3
20-24 years	4194	2971	70.8	4947	4128	83.4
25-29 years	3652	2239	61.3	4005	3079	76.9
30-34 years	2928	1570	53.6	3504	2419	69.0
35-39 years	2117	965	45.6	2867	1782	62.2
40-44 years	1655	639	38.6	2038	1094	53.7
45-49 years	1585	482	30.4	1579	733	46.4
50-54 years	1599	380	23.8	1571	572	36.4
55-59 years	1338	283	21.2	1443	434	30.1
60-64 years	1185	227	19.2	1303	318	24.4
65 years and over	1502	226	15.1	1890	418	22.1
Not specified	24	11	45.8	58	23	39.7
Male	19822	14078	71.0	23675	19091	80.6
6-9 years	2981	2621	87.9	3675	3454	94.0
10-14 years	3054	2780	91.0	3902	3746	96.0
15-19 years	2660	2294	86.2	3058	2856	93.4
20-24 years	2104	1725	82.0	2520	2280	90.5
25-29 years	1840	1365	74.2	2012	1737	86.3
30-34 years	1481	1004	67.8	1780	1426	80.1
35-39 years	1044	635	60.8	1462	1099	75.2
40-44 years	834	441	52.9	1028	702	68.3
45-49 years	819	352	43.0	798	489	61.3
50-54 years	857	288	33.6	822	406	49.4
55-59 years	715	214	29.9	793	323	40.7
60-64 years	652	179	27.5	723	241	33.3
65 years and over	768	173	22.5	1066	320	30.0
Not specified	14	7	50.0	36	14	38.9
Female	18887	9835	52.1	22181	14875	67.1
6-9 years	2854	2201	77.1	3520	3181	90.4
10-14 years	2850	2245	78.8	3646	3309	90.8
15-19 years	2532	1778	70.2	2851	2419	84.9
20-24 years	2090	1246	59.6	2427	1848	76.1
25-29 years	1813	874	48.2	1993	1342	67.3
30-34 years	1447	566	39.1	1724	994	57.7
35-39 years	1073	330	30.8	1404	683	48.7
40-44 years	822	198	24.1	1010	392	38.8
45-49 years	766	130	17.0	780	244	31.3
50-54 years	742	91	12.3	750	166	22.1
55-59 years	622	69	11.1	650	111	17.1
60-64 years	533	48	9.0	580	77	13.3
65 years and over	734	53	7.2	824	98	11.9
Not specified	10	4	40.0	22	10	45.5

17.2. POPULATION AGED 6 AND OVER, NUMBER OF LITERATE PEOPLE AND LITERACY RATE BY SEX AND AGE (continued)
(1000 persons-percent)

Sex and age group	1375 Census			1385 Census		
	Population	Literate	Literacy rate	Population	Literate	Literacy rate
Both sexes.....	52295	41582	79.5	63920	54082	84.6
6-9 years	6891	6361	92.3	4397	4049	92.1
10-14 years	9081	8740	96.2	6709	6550	97.6
15-19 years	7116	6718	94.4	8727	8463	97.0
20-24 years	5222	4739	90.8	9011	8680	96.3
25-29 years	4709	4067	86.4	7225	6822	94.4
30-34 years	3980	3222	81.0	5554	5045	90.8
35-39 years	3572	2614	73.2	4921	4239	86.1
40-44 years	2812	1844	65.6	4089	3274	80.1
45-49 years	2013	1127	56.0	3523	2535	72.0
50-54 years	1529	719	47.0	2755	1746	63.4
55-59 years	1367	502	36.7	1888	1021	54.1
60-64 years	1383	375	27.1	1464	641	43.8
65 years and over	2595	538	20.7	3657	1017	27.8
Not specified	26	15	57.7	0	0	xx
Male	26534	22465	84.7	32494	28835	88.7
6-9 years	3510	3291	93.8	2250	2076	92.3
10-14 years	4622	4504	97.5	3441	3368	97.9
15-19 years	3580	3444	96.2	4443	4324	97.3
20-24 years	2566	2419	94.3	4512	4375	97.0
25-29 years	2366	2172	91.8	3660	3519	96.2
30-34 years	2013	1779	88.4	2838	2677	94.3
35-39 years	1818	1501	82.6	2512	2308	91.9
40-44 years	1431	1110	77.6	2082	1836	88.2
45-49 years	990	702	70.9	1792	1476	82.4
50-54 years	769	477	62.0	1386	1064	76.8
55-59 years	717	360	50.2	924	645	69.8
60-64 years	754	284	37.7	726	430	59.2
65 years and over	1382	411	29.7	1928	738	38.3
Not specified	15	10	66.7	0	0	xx
Female	25761	19118	74.2	31426	25247	80.3
6-9 years	3381	3070	90.8	2147	1974	91.9
10-14 years	4458	4236	95.0	3267	3182	97.4
15-19 years	3536	3274	92.6	4284	4139	96.6
20-24 years	2656	2320	87.4	4500	4305	95.7
25-29 years	2343	1895	80.9	3565	3303	92.7
30-34 years	1967	1443	73.4	2716	2368	87.2
35-39 years	1754	1113	63.5	2410	1931	80.1
40-44 years	1381	735	53.2	2007	1439	71.7
45-49 years	1023	425	41.5	1730	1059	61.2
50-54 years	760	242	31.8	1369	681	49.7
55-59 years	649	142	21.9	964	376	39.0
60-64 years	629	90	14.3	738	211	28.6
65 years and over	1213	127	10.5	1728	279	16.2
Not specified	10	5	50.0	0	0	xx

17.2. POPULATION AGED 6 AND OVER, NUMBER OF LITERATE PEOPLE AND LITERACY RATE BY SEX AND AGE (continued)
(1000 persons-percent)

Sex and age group	1390 Census			1395 Census		
	Population	Literate	Literacy rate	Population	Literate	Literacy rate
Both sexes.....	67682	57362	84.8	71506	62667	87.6
6-9 years	4437	4079	91.9	5084	4841	95.2
10-14 years	5671	5545	97.8	5688	5612	98.7
15-19 years	6607	6406	97.0	5459	5340	97.8
20-24 years	8414	8065	95.9	6393	6201	97.0
25-29 years	8673	8234	94.9	8201	7905	96.4
30-34 years	6972	6486	93.0	8601	8254	96.0
35-39 years	5571	4948	88.8	7038	6607	93.9
40-44 years	4907	4152	84.6	5518	4973	90.1
45-49 years	4030	3173	78.7	4833	4114	85.1
50-54 years	3527	2432	69.0	3926	3073	78.3
55-59 years	2680	1617	60.3	3351	2306	68.8
60-64 years	1863	919	49.3	2543	1527	60.1
65 years and over	4297	1283	29.9	4872	1912	39.3
Not specified	31	23	74.2	0	0	xx
Male	34080	30126	88.4	36168	32913	91.0
6-9 years	2274	2093	92.0	2605	2481	95.2
10-14 years	2888	2827	97.9	2911	2874	98.7
15-19 years	3347	3250	97.1	2786	2726	97.9
20-24 years	4202	4042	96.2	3237	3146	97.2
25-29 years	4355	4152	95.3	4143	4013	96.8
30-34 years	3516	3320	94.4	4340	4196	96.7
35-39 years	2850	2604	91.4	3572	3414	95.6
40-44 years	2486	2232	89.8	2814	2632	93.6
45-49 years	2027	1755	86.6	2454	2228	90.8
50-54 years	1765	1401	79.4	1976	1710	86.6
55-59 years	1327	978	73.7	1670	1330	79.7
60-64 years	881	574	65.2	1253	920	73.5
65 years and over	2142	883	41.2	2406	1243	51.7
Not specified	20	15	75.0	0	0	xx
Female	33602	27236	81.1	35339	29754	84.2
6-9 years	2164	1986	91.8	2479	2360	95.2
10-14 years	2783	2717	97.6	2777	2738	98.6
15-19 years	3260	3156	96.8	2673	2614	97.8
20-24 years	4213	4023	95.5	3156	3055	96.8
25-29 years	4318	4082	94.5	4058	3892	95.9
30-34 years	3456	3166	91.6	4260	4059	95.3
35-39 years	2721	2344	86.1	3465	3193	92.1
40-44 years	2420	1920	79.3	2704	2341	86.6
45-49 years	2003	1418	70.8	2379	1887	79.3
50-54 years	1762	1031	58.5	1950	1363	69.9
55-59 years	1353	639	47.2	1681	976	58.1
60-64 years	982	344	35.0	1290	607	47.0
65 years and over	2155	400	18.6	2466	669	27.1
Not specified	12	9	75.0	0	0	xx

1. People aged 7 and over were not asked on literacy status in the 1345 Census.

Source: Statistical Centre of Iran.

**17.3. NUMBER OF LITERATE PEOPLE AND LITERACY RATE AMONG POPULATION
AGED SIX AND OVER IN URBAN AND RURAL AREAS BY SEX AND OSTAN, 1395
CENSUS (1000 persons- percent)**

Ostan	Total								
	Population aged six and over			Literate			Literacy rate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total country	71506	36168	35339	62667	32913	29754	87.6	91.0	84.2
East Azarbayejan.....	3526	1791	1735	2987	1600	1386	84.7	89.3	79.9
West Azarbayejan	2901	1470	1430	2380	1297	1082	82.0	88.2	75.7
Ardebil	1141	583	558	948	517	430	83.1	88.8	77.1
Esfahan.....	4643	2354	2289	4176	2181	1994	89.9	92.7	87.1
Alborz	2466	1250	1216	2274	1178	1097	92.2	94.2	90.2
Ilam	522	265	257	443	236	207	84.9	89.1	80.6
Bushehr	1025	550	475	914	505	409	89.2	91.9	86.1
Tehran	12118	6083	6035	11258	5757	5502	92.9	94.6	91.2
Chaharmahal&Bakhtiari ...	837	425	412	709	381	328	84.7	89.5	79.7
South Khorasan	669	339	330	581	306	274	86.8	90.4	83.0
Khorasan-e-Razavi.....	5649	2841	2808	5032	2612	2421	89.1	91.9	86.2
North Khorasan	759	380	379	632	334	298	83.3	87.9	78.7
Khuzestan	4136	2093	2044	3569	1884	1685	86.3	90.0	82.5
Zanjan	943	476	467	800	425	375	84.8	89.3	80.3
Semnan.....	638	324	314	583	302	281	91.5	93.4	89.5
Sistan&Baluchestan	2280	1147	1132	1733	931	802	76.0	81.2	70.8
Fars	4372	2215	2157	3884	2030	1854	88.8	91.6	85.9
Qazvin	1145	584	561	1015	538	477	88.6	92.0	85.1
Qom	1139	580	559	1011	532	479	88.7	91.6	85.7
Kordestan	1435	726	708	1170	638	531	81.5	87.8	75.0
Kerman	2786	1424	1362	2380	1247	1134	85.4	87.5	83.2
Kermanshah	1771	893	878	1497	798	699	84.5	89.4	79.6
Kohgiluyeh&Boyerahmad ..	626	316	309	528	282	246	84.4	89.2	79.4
Golestan	1642	822	819	1413	745	669	86.1	90.6	81.6
Gilan.....	2355	1178	1177	2056	1072	984	87.3	91.0	83.6
Lorestan.....	1569	793	776	1302	692	610	83.0	87.2	78.6
Mazandaran.....	3023	1521	1502	2681	1398	1283	88.7	91.9	85.4
Markazi	1296	657	639	1127	598	529	87.0	91.1	82.8
Hormozgan.....	1532	782	750	1346	709	637	87.8	90.7	84.9
Hamedan	1565	790	774	1329	709	621	85.0	89.6	80.2
Yazd	998	514	484	907	478	429	90.9	92.9	88.6

**17.3. NUMBER OF LITERATE PEOPLE AND LITERACY RATE AMONG POPULATION
AGED SIX AND OVER IN URBAN AND RURAL AREAS BY SEX AND OSTAN, 1395
CENSUS (continued) (1000 persons- percent)**

Ostan	Urban areas								
	Population aged six and over			Literate			Literacy rate		
	Both sexes	Male	Female	Both Sexes	Male	Female	Both sexes	Male	Female
Total country	53208	26791	26416	48305	25048	23257	90.8	93.5	88.0
East Azarbayejan.....	2547	1285	1262	2244	1184	1060	88.1	92.1	84.0
West Azarbayejan	1908	959	949	1645	877	768	86.2	91.4	81.0
Ardebil	778	395	382	679	364	315	87.3	92.1	82.3
Esfahan.....	4093	2070	2023	3723	1933	1790	91.0	93.4	88.5
Alborz	2284	1154	1130	2120	1094	1026	92.8	94.8	90.8
Ilam	356	180	176	315	166	149	88.4	92.0	84.7
Bushehr	736	386	349	668	359	308	90.8	93.0	88.3
Tehran	11390	5696	5694	10645	5421	5224	93.5	95.2	91.8
Chaharmahal&Bakhtiari ...	541	274	267	480	254	226	88.7	92.6	84.7
South Khorasan	394	200	194	363	189	174	92.2	94.6	89.7
Khorasan-e-Razavi.....	4153	2082	2072	3820	1962	1858	92.0	94.2	89.7
North Khorasan	428	215	214	384	199	185	89.6	92.8	86.4
Khuzestan	3142	1583	1559	2820	1469	1351	89.7	92.8	86.7
Zanjan	636	321	315	568	298	270	89.3	92.9	85.5
Semnan.....	509	256	253	475	243	232	93.2	94.8	91.7
Sistan&Baluchestan	1121	570	551	943	503	440	84.2	88.4	79.8
Fars	3084	1555	1530	2824	1457	1366	91.5	93.7	89.3
Qazvin	856	434	421	782	409	373	91.4	94.2	88.5
Qom	1083	550	534	966	506	461	89.2	92.0	86.3
Kordestan	1015	512	503	866	465	401	85.3	90.8	79.7
Kerman	1648	841	807	1471	766	705	89.3	91.1	87.4
Kermanshah	1332	666	666	1167	611	557	87.6	91.6	83.6
Kohgiluyeh&Boyerahmad ..	349	177	172	314	166	149	90.0	93.7	86.1
Golestan	889	443	446	804	416	388	90.4	93.8	87.0
Gilan.....	1489	739	749	1377	703	674	92.5	95.0	90.0
LoRESTAN.....	1016	508	508	883	460	423	86.9	90.5	83.4
Mazandaran.....	1747	873	874	1609	826	784	92.1	94.6	89.6
Markazi	994	503	492	903	472	431	90.8	94.0	87.6
Hormozgan.....	843	432	411	779	407	371	92.4	94.4	90.3
Hamedan	993	497	496	885	461	423	89.1	92.9	85.3
Yazd	850	434	416	782	408	374	92.0	93.9	90.0

**17.3. NUMBER OF LITERATE PEOPLE AND LITERACY RATE AMONG POPULATION
AGED SIX AND OVER IN URBAN AND RURAL AREAS BY SEX AND OSTAN, 1395
CENSUS (continued) (1000 persons- percent)**

Ostan	Rural areas								
	Population aged six and over			Literate			Literacy rate		
	Both sexes	Male	Female	Both Sexes	Male	Female	Both sexes	Male	Female
Total country	18255	9353	8902	14334	7849	6485	78.5	83.9	72.9
East Azarbayejan.....	979	506	473	742	416	326	75.8	82.3	68.9
West Azarbayejan	992	511	482	735	421	314	74.0	82.3	65.2
Ardebil	363	188	176	269	154	115	74.1	81.9	65.8
Esfahan.....	551	285	266	452	248	204	82.1	87.1	76.8
Alborz	182	96	86	155	84	71	85.0	87.4	82.3
Ilam	166	85	81	128	71	58	77.5	83.1	71.7
Bushehr	287	163	125	245	146	100	85.3	89.5	79.9
Tehran	727	386	341	613	336	278	84.3	86.9	81.4
Chaharmahal&Bakhtiari ...	295	151	144	229	127	102	77.4	83.9	70.6
South Khorasan	275	139	136	217	117	100	79.1	84.5	73.6
Khorasan-e-Razavi.....	1495	759	736	1212	650	562	81.1	85.6	76.4
North Khorasan	330	165	165	248	134	113	75.1	81.5	68.7
Khuzestan	990	507	483	747	414	334	75.5	81.6	69.1
Zanjan	307	155	152	232	127	105	75.7	81.8	69.4
Semnan.....	128	67	61	109	59	49	84.5	88.3	80.3
Sistan&Baluchestan	1157	577	580	789	428	362	68.2	74.2	62.3
Fars	1272	652	620	1050	567	483	82.5	86.9	77.9
Qazvin	289	149	139	233	128	104	80.6	85.9	74.9
Qom	56	31	25	44	26	18	79.6	84.9	73.1
Kordestan	420	214	205	303	173	130	72.3	80.7	63.4
Kerman	1135	581	554	907	479	428	79.9	82.4	77.3
Kermanshah	434	224	210	327	186	141	75.4	82.9	67.4
Kohgiluyeh&Boyerahmad..	275	139	136	213	116	97	77.4	83.7	71.0
Golestan	751	378	373	608	328	280	81.0	86.8	75.1
Gilan.....	866	438	427	679	370	310	78.5	84.3	72.4
Lorestan.....	551	284	267	417	231	186	75.7	81.4	69.7
Mazandaran.....	1276	648	628	1072	573	499	84.0	88.4	79.5
Markazi	301	154	147	224	126	98	74.4	81.7	66.7
Hormozgan.....	687	349	338	566	301	265	82.3	86.2	78.4
Hamedan	570	293	277	444	247	197	77.9	84.2	71.1
Yazd	147	79	68	124	70	54	84.1	87.5	80.1

Source: Statistical Centre of Iran.

17.4. PRIVATE HOUSEHOLDS BY SEX OF THE HEAD OF HOUSEHOLD, NUMBER OF MEMBERS, AND NUMBER OF LITERATE AND ILLITERATE MEMBERS, 1395 CENSUS

Sex of the head and number of members	Total	Literate				
		None	1 person	2 persons	3 persons	4 persons and more
Both sexes.....	24129490	1789612	2627036	7972207	5955998	5773984
1 person	2046317	942862	1098292	xx	xx	xx
2 persons	4987977	700646	858153	3427118	xx	xx
3 persons	6866620	85351	512665	3251250	3015770	xx
4 persons	6673118	36155	115490	1122090	2343937	3054209
5 persons	2463012	13027	29804	136452	497842	1785464
6 persons	723814	5732	8065	26209	75757	607950
7 persons	233745	2883	2678	6136	16632	205360
8 persons	83533	1545	1022	1863	4203	74880
9 persons	30796	743	474	628	1204	27741
10 persons and more	20558	668	393	461	653	18380
Male	21067737	946483	1668169	7303870	5564948	5575751
1 person	686764	164174	519192	xx	xx	xx
2 persons	4154085	650109	522575	2979554	xx	xx
3 persons	6346293	76316	476814	3060173	2731498	xx
4 persons	6452935	33220	109405	1098290	2253508	2957321
5 persons	2380953	11963	28316	131984	484845	1723440
6 persons	694654	5293	7580	25179	73184	583319
7 persons	223299	2652	2524	5873	16089	196106
8 persons	79768	1431	953	1776	4049	71539
9 persons	29355	704	444	603	1152	26446
10 persons and more	19631	621	366	438	623	17580
Female	3061753	843129	958867	668337	391050	198233
1 person	1359553	778688	579100	xx	xx	xx
2 persons	833892	50537	335578	447564	xx	xx
3 persons	520327	9035	35851	191077	284272	xx
4 persons	220183	2935	6085	23800	90429	96888
5 persons	82059	1064	1488	4468	12997	62024
6 persons	29160	439	485	1030	2573	24631
7 persons	10446	231	154	263	543	9254
8 persons	3765	114	69	87	154	3341
9 persons	1441	39	30	25	52	1295
10 persons and more	927	47	27	23	30	800

17.4. PRIVATE HOUSEHOLDS BY SEX OF THE HEAD OF HOUSEHOLD, NUMBER OF MEMBERS AND NUMBER OF LITERATE AND ILLITERATE MEMBERS, 1395 CENSUS (continued)

Sex of the head and number of members	Illiterate					Not stated
	None	1 person	2 persons	3 persons	4 persons and more	
Both sexes.....	17997430	3895670	1965842	192580	67315	10653
1 person	1098292	942862	xx	xx	xx	5163
2 persons	3492662	798944	694311	xx	xx	2060
3 persons	5636087	731111	444971	52867	xx	1584
4 persons	5540431	708280	365557	45054	12559	1237
5 persons	1736579	433100	239930	38342	14638	423
6 persons	373608	182696	126937	26557	13915	101
7 persons	85960	64464	57112	15579	10574	56
8 persons	23214	22318	23173	7831	6977	20
9 persons	7010	7599	8628	3537	4016	6
10 persons and more	3587	4296	5223	2813	4636	3
Male	16432257	2516205	1871226	178285	61248	8516
1 person	519192	164174	xx	xx	xx	3398
2 persons	2999418	505048	647772	xx	xx	1847
3 persons	5310026	565197	423484	46094	xx	1492
4 persons	5422309	624763	352320	41742	10610	1191
5 persons	1701792	396811	232620	36247	13078	405
6 persons	363838	169027	123437	25430	12823	99
7 persons	83167	59522	55607	15038	9910	55
8 persons	22355	20677	22543	7577	6596	20
9 persons	6713	7010	8389	3419	3818	6
10 persons and more	3447	3976	5054	2738	4413	3
Female	1565173	1379465	94616	14295	6067	2137
1 person	579100	778688	xx	xx	xx	1765
2 persons	493244	293896	46539	xx	xx	213
3 persons	326061	165914	21487	6773	xx	92
4 persons	118122	83517	13237	3312	1949	46
5 persons	34787	36289	7310	2095	1560	18
6 persons	9770	13669	3500	1127	1092	2
7 persons	2793	4942	1505	541	664	1
8 persons	859	1641	630	254	381	0
9 persons	297	589	239	118	198	0
10 persons and more	140	320	169	75	223	0

Source: Statistical Centre of Iran.

17.5. STUDENTS AND TEACHING STAFF AT DIFFERENT EDUCATIONAL LEVELS

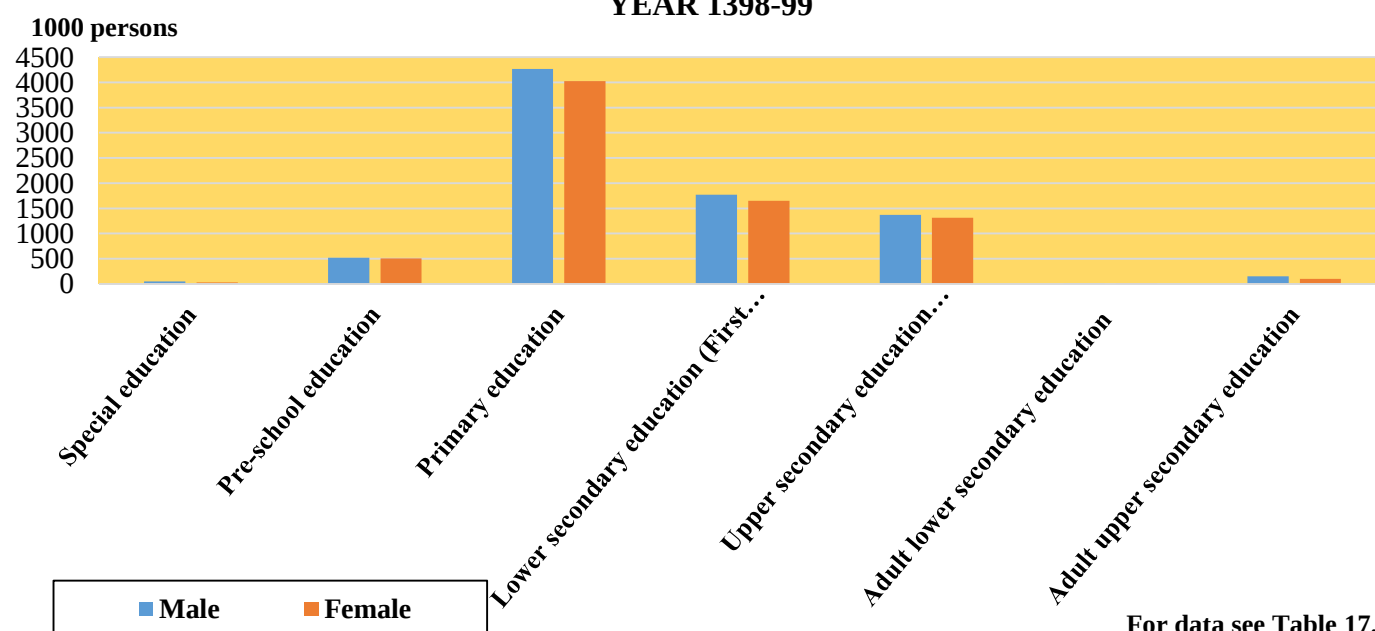
Academic year and educational level	Student ⁽¹⁾			Teaching staff ⁽²⁾	
	Total	Male	Female	Teacher	Management and quality increasing
1380-81	17882515	9359952	8522563	664672	344911
1385-86	14984301	7741044	7243257	664657	253351
1390-91	13351254	6932408	6418846	602571	263101
1394-95	13861901	7174229	6687672	584670	229319
1395-96	14220342	7349326	6871016	569892	226997
1396-97	14700309	7599675	7100634	558386	227147
1397-98	15462046	8001045	7461001	548568	215883
1398-99	15774075	8137984	7636091	524440	212240
Special education	80337	49816	30521	14399	5239
Pre-school education	1024832	519746	505086	000 ⁽³⁾	000 ⁽³⁾
Primary education	8293617	4266362	4027255	229226	87458
Lower secondary education (First three years of high school)	3421592	1769179	1652413	129671	55899
Upper secondary education (Second three years of high school)	2683806	1372019	1311787	151144	63644
Adult lower secondary education	19668	11672	7996	000 ⁽³⁾	000 ⁽³⁾
Adult upper secondary education	250223	149190	101033	000 ⁽³⁾	000 ⁽³⁾

1. Including students of the governmental and non-governmental institutions.

2. As of the year 1394, according to the occupations classification, teaching staff includes teacher group, management group and quality increasing group.

3. Provision of the employees in this level is not made by the Ministry of Education.

Source: Ministry of Education.

17.1. STUDENTS AT DIFFERENT EDUCATIONAL LEVELS, ACADEMIC YEAR 1398-99

For data see Table 17.5.

17.6. STUDENTS AND TEACHING STAFF OF THE MINISTRY OF EDUCATION ⁽¹⁾ BY OSTAN, ACADEMIC YEAR 1398-99

Ostan	Student			Teaching staff	
	Both sexes	Male	Female	Teacher	Management and quality increasing
Total country	14399015	7407560	6991455	510041	207001
East Azarbayejan.....	682081	354356	327725	23868	8982
West Azarbayejan	604267	315278	288989	20708	7091
Ardebil	222907	116627	106280	10609	3771
Esfahan.....	860059	437792	422267	27475	12398
Alborz	462875	237590	225285	12844	5737
Ilam	102063	52516	49547	6669	1855
Bushehr	219214	112666	106548	7232	3212
Tehran..	2094088	1068117	1025971	55045	24948
Chaharmahal&Bakhtiari	182565	93104	89461	8338	2910
South Khorasan	159438	81894	77544	7576	2659
Khorasan-e-Razavi.....	1272286	652398	619888	42747	18614
North Khorasan	172362	89211	83151	8188	2757
Khuzestan.....	979930	506975	472955	31216	15435
Zanjan	182327	94768	87559	8086	2935
Semnan.....	116446	59466	56980	4498	1887
Sistan&Baluchestan	734304	386906	347398	21490	8597
Fars.....	854878	436798	418080	32676	14369
Qazvin	222778	115255	107523	7714	3421
Qom.....	247519	125388	122131	7798	3449
Kordestan	278122	144500	133622	14130	4625
Kerman.....	594614	305709	288905	23437	9108
Kermanshah	319768	167165	152603	15699	4967
Kohgiluyeh&Boyerahmad	146475	75463	71012	8221	2747
Golestan	359272	184042	175230	11377	4712
Gilan.....	366444	186540	179904	15710	5166
Lorestan.....	321228	167961	153267	14476	5466
Mazandaran.....	501321	253329	247992	21609	8290
Markazi	234416	120250	114166	7590	3731
Hormozgan.....	380655	196269	184386	13500	5337
Hamedan	286235	147979	138256	12191	4291
Yazd	238078	121248	116830	7324	3534

1. Excluding the special, pre-school, war devotees (known as Isargaran- veterans of the Holy Defense) and adult educational courses.

Source: Ministry of Education

17.7. SPECIAL STUDENTS BY EDUCATIONAL LEVELS

Academic Year and educational level	Student
1380-81	72904
1385-86	67882
1390-91	82326
1394-95	72612
1395-96	73616
1396-97	75158
1397-98	79023
1398-99	80337
Pre-school	13480
Primary school	46246
Lower secondary education (First three years of high school)	1753
Pre-vocational lower secondary education	10106
Upper-secondary school(Second three years of high school)	1618
Pre-vocational upper-secondary school	7118

Source: Ministry of Education.

17.8. STUDENTS, TEACHING STAFF AND FACILITIES IN SPECIAL EDUCATION COURSE

Academic year and Ostan	Student			Teaching staff ⁽¹⁾		School	Class
	Total	Male	Female	Teacher	Management and quality increasing		
1380-81	72904	43744	29160	11260	4645	923	9133
1385-86	67882	41075	26807	11131	5614	1349	10834
1390-91	82326	50457	31869	11421	6976	1750	14532
1394-95	72612	45173	27439	15213	5514	1569	12550
1395-96	73616	45759	27857	14921	5781	1521	12233
1396-97	75158	46726	28432	15390	5367	1615	12299
1397-98	79023	49127	29896	14933	5466	1658	12710
1398-99	80337	49816	30521	14399	5239	1701	13087
East Azarbayejan	4084	2573	1511	662	229	76	646
West Azarbayejan	2578	1616	962	433	119	40	405
Ardebil	1571	1006	565	226	74	29	212
Esfahan	5066	3085	1981	827	320	110	869
Alborz	1969	1093	876	347	115	20	270
Ilam	604	368	236	173	48	20	114
Bushehr	1228	762	466	191	85	41	242
Tehran	9501	5770	3731	1539	533	108	1472
Chaharmahal&Bakhtiari	1247	781	466	264	104	40	237
South Khorasan	1490	951	539	292	112	38	243
Khorasan-e-Razavi	8359	5268	3091	1296	553	163	1332
North Khorasan	1388	851	537	226	75	61	223
Khuzestan	4651	2893	1758	798	264	90	794
Zanjan	1009	618	391	222	79	27	171
Semnan	733	432	301	136	55	18	129
Sistan&Baluchestan	3059	1952	1107	456	116	42	455
Fars	5500	3294	2206	1044	451	137	909
Qazvin	1082	682	400	247	79	24	192
Qom	1617	957	660	245	100	25	222
Kordestan	1373	901	472	391	119	37	238
Kerman	4015	2545	1470	774	288	104	662
Kermanshah	1562	962	600	282	118	33	228
Kohgiluyeh&Boyerahmad	944	609	335	268	88	60	203
Golestan	1937	1207	730	319	134	34	297
Gilan	2364	1497	867	487	166	56	401
Lorestan	1815	1106	709	412	161	52	338
Mazandaran	2822	1790	1032	563	226	53	492
Markazi	1176	717	459	239	84	31	203
Hormozgan	2641	1724	917	418	127	67	407
Hamedan	1596	1002	594	336	130	41	252
Yazd	1356	804	552	286	87	24	229

1. As of the year 1394, according to the occupations classification, teaching staff includes teacher group, management group and quality increasing group.

Source: Ministry of Education.

17.9. PRE-SCHOOL STUDENTS AND FACILITIES

Academic year and Ostan	Student			School	Class
	Total	Male	Female		
1380-81	329062	160822	168240	9581	16119
1385-86	552932	268349	284583	20543	26589
1390-91	475395	232630	242765	16113	23504
1394-95	688452	349748	338704	24364	35207
1395-96	837129	426740	410389	28220	40702
1396-97	935706	476370	459336	31131	48228
1397-98	1019565	519790	499775	29364	77102
1398-99	1024832	519746	505086	31350	67824
East Azarbayejan	67265	34281	32984	2065	4715
West Azarbayejan	43383	22531	20852	716	2714
Ardebil	18803	9869	8934	723	1195
Esfahan	60679	31273	29406	1538	3607
Alborz	18056	8709	9347	664	940
Ilam	10583	5557	5026	458	836
Bushehr	17886	9169	8717	638	1088
Tehran	77285	38812	38473	2577	4206
Chaharmahal&Bakhtiari	19486	10051	9435	880	1573
South Khorasan	16040	8173	7867	871	1528
Khorasan-e-Razavi	52906	26628	26278	1658	3441
North Khorasan	14722	7623	7099	739	1169
Khuzestan	103348	52135	51213	2866	7048
Zanjan	12521	6463	6058	582	919
Semnan	10331	5310	5021	293	646
Sistan&Baluchestan	65837	33132	32705	910	4910
Fars	49458	25049	24409	1827	3772
Qazvin	20466	10552	9914	538	1073
Qom	9860	4906	4954	297	541
Kordestan	25756	13332	12424	733	1849
Kerman	55064	27970	27094	2171	3516
Kermanshah	23871	12620	11251	658	1368
Kohgiluyeh&Boyerahmad	12252	6165	6087	468	815
Golestan	31783	16017	15766	579	1868
Gilan	26424	13002	13422	1525	2204
Lorestan	30945	14177	16768	955	2672
Mazandaran	42826	21530	21296	460	1981
Markazi	15919	8154	7765	574	797
Hormozgan	31669	16140	15529	1181	2395
Hamedan	21579	11322	10257	740	1455
Yazd	17829	9094	8735	466	983

Source: Ministry of Education.

17.10. STUDENTS, EDUCATIONAL STAFF AND FACILITIES IN PRIMARY SCHOOL

Academic year and Ostan	Student			Teaching staff		School	Class
	Total	Male	Female	Teacher	Management and quality increasing		
1380-81	7513015	3924999	3588016	309260	83225	68836	313529
1385-86	5827851	3009561	2818290	267516	65315	64646	278335
1390-91	5701521	2932282	2769239	235193	83688	57619	259519
1394-95	7422505	3819488	3603017	273005	91965	62432	316195
1395-96	7648765	3936666	3712099	265057	93068	63322	321865
1396-97	7877943	4053463	3824480	259740	96103	64624	337537
1397-98	8069427	4153325	3916102	249282	90829	65497	342612
1398-99	8293617	4266362	4027255	229226	87458	66484	352126
East Azarbayejan.....	386118	199399	186719	10725	3782	3828	18222
West Azarbayejan	354190	182388	171802	10315	3088	3233	14777
Ardebil	126433	65586	60847	4626	1435	1495	5871
Esfahan.....	479180	246531	232649	11100	4943	2928	19734
Alborz	256113	132009	124104	5228	2706	1029	9389
Ilam	55660	28663	26997	3051	655	758	3053
Bushehr	128066	65970	62096	3418	1435	974	5747
Tehran	1163731	598710	565021	23381	11826	3847	39720
Chaharmahal&Bakhtiyari	103611	52979	50632	3857	1139	1030	4891
South Khorasan	91953	47258	44695	3733	1009	1163	4643
Khorasan-e-Razavi.....	756848	387986	368862	19660	7859	5223	30917
North Khorasan	102172	52650	49522	3744	1057	1202	4797
Khuzestan	579594	296922	282672	14099	6998	5106	25697
Zanjan	105302	54047	51255	3575	1113	1079	4677
Semnan.....	65169	33328	31841	1874	738	439	2699
Sistan & Baluchestan	495842	256426	239416	12493	4017	3940	22490
Fars	486186	250912	235274	14162	5944	4248	21709
Qazvin	124658	64491	60167	3066	1484	974	5224
Qom	144924	74230	70694	2960	1567	638	5096
Kordestan	158156	80974	77182	6734	1812	1912	7433
Kerman	345738	178789	166949	10802	3655	3288	15489
Kermanshah	176813	91551	85262	7339	1967	2384	7945
Kohgiluyeh&Boyerahmad	85254	43533	41721	3932	932	1646	4608
Golestan	217010	110679	106331	5337	2099	1423	8999
Gilan.....	190816	97692	93124	6669	1944	2091	9491
Lorestan.....	183967	95290	88677	6196	2139	2897	9153
Mazandaran.....	266577	135943	130634	8578	3104	2122	11769
Markazi	129040	66539	62501	3267	1546	1146	5628
Hormozgan.....	227485	117110	110375	6617	2173	2089	9551
Hamedan	165277	85021	80256	5476	1773	1532	7090
Yazd	141734	72756	68978	3212	1519	820	5617

Source: Ministry of Education.

17.11. STUDENTS, TEACHING STAFF, AND FACILITIES IN LOWER SECONDARY SCHOOL

Academic year and Ostan	Student			Teaching staff		School	Class
	Total	Male	Female	Teacher	Management and quality increasing		
1380-81	4953894	2698328	2255566	182751	82887	29672	172776
1385-86	3938661	2100894	1837767	181045	73714	31651	164781
1390-91	3228405	1693270	1535135	165764	65074	25451	132185
1394-95	3054359	1591299	1463060	142409	57133	23827	125638
1395-96	3112243	1621096	1491147	142609	57972	24234	125943
1396-97	3192790	1659171	1533619	142389	58299	24724	128638
1397-98	3310987	1716600	1594387	137117	55601	25217	131837
1398-99	3421592	1769179	1652413	129671	55899	26020	135726
East Azarbayejan.....	165755	86192	79563	6556	2482	1592	7320
West Azarbayejan	143343	76366	66977	5055	2051	1022	5463
Ardebil	53621	28029	25592	3020	1080	585	2523
Esfahan.....	207406	105987	101419	6894	3489	1358	7917
Alborz	113037	58215	54822	3196	1474	526	3902
Ilam	25489	13115	12374	1599	478	260	1181
Bushehr	51861	26681	25180	1786	822	470	2179
Tehran	509202	260236	248966	13538	6411	2211	17173
Chaharmahal&Bakhtiyari	43715	22350	21365	2020	763	448	1919
South Khorasan	37303	19133	18170	1751	726	356	1618
Khorasan-e-Razavi.....	300050	154445	145605	11248	4840	2260	12033
North Khorasan	41460	21716	19744	2280	742	465	1939
Khuzestan	227074	119175	107899	8043	4170	1780	9346
Zanjan	43901	22915	20986	2250	754	423	1901
Semnan.....	28049	14252	13797	1180	546	242	1161
Sistan&Baluchestan	146115	78835	67280	4457	2428	1121	5878
Fars	204917	104655	100262	8027	3771	1672	8183
Qazvin	54654	28348	26306	2145	932	386	2078
Qom	57997	29421	28576	2284	930	266	2041
Kordestan	67843	35513	32330	3525	1310	673	2924
Kerman	139071	71421	67650	5548	2529	1203	5593
Kermanshah	79422	41756	37666	3879	1319	611	3224
Kohgiluyeh&Boyerahmad	33857	17633	16224	2018	784	411	1667
Golestan	84683	43571	41112	3123	1266	692	3368
Gilan.....	92346	47234	45112	4066	1452	936	4136
Lorestan.....	76727	40389	36338	4011	1526	768	3446
Mazandaran.....	124838	63327	61511	5873	2174	1077	5085
Markazi	58142	29995	28147	1939	1042	437	2256
Hormozgan.....	87019	45012	42007	3264	1485	830	3492
Hamedan	69130	35866	33264	3241	1225	580	2812
Yazd	53565	27396	26169	1855	898	359	1968

Source: Ministry of Education.

17.12. STUDENTS, EDUCATIONAL STAFF AND FACILITIES IN UPPER SECONDARY SCHOOL

Academic year and Ostan	Student			Teaching staff		School	Class
	Total	Male	Female	Teacher	Management and quality increasing		
1380-81.....	3985150	2020296	1964854	161291 ⁽¹⁾	105467 ⁽¹⁾	17200	148340
1385-86	3695947	1890567	1805380	190442 ⁽¹⁾	107448 ⁽¹⁾	22044	155274
1390-91	2957328	1567691	1389637	189803 ⁽¹⁾	107363 ⁽¹⁾	20905	132130
1394-95	2230223	1130697	1099526	154043	74707	19709	116387
1395-96	2188159	1098954	1089205	147305	70176	18943	116932
1396-97	2239535	1126816	1112719	140868	67378	19264	115604
1397-98	2642666	1365295	1277371	147236	63987	19370	133925
1398-99	2683806	1372019	1311787	151144	63644	18988	134094
East Azarbayejan.....	130208	68765	61443	6587	2718	982	6601
West Azarbayejan	106734	56524	50210	5338	1952	665	4843
Ardebil	42853	23012	19841	2963	1256	386	2287
Esfahan.....	173473	85274	88199	9481	3966	1089	8847
Alborz	93725	47366	46359	4420	1557	414	4208
Ilam	20914	10738	10176	2019	722	235	1255
Bushehr	39287	20015	19272	2028	955	351	2153
Tehran	421155	209171	211984	18126	6711	1969	18546
Chaharmahal&Bakhtiari	35239	17775	17464	2461	1008	359	1935
South Khorasan	30182	15503	14679	2092	924	266	1554
Khorasan-e-Razavi.....	215388	109967	105421	11839	5915	1456	10799
North Khorasan	28730	14845	13885	2164	958	234	1563
Khuzestan	173262	90878	82384	9074	4267	1266	8974
Zanjan	33124	17806	15318	2261	1068	241	1674
Semnan.....	23228	11886	11342	1444	603	211	1369
Sistan &Baluchestan	92347	51645	40702	4540	2152	812	4691
Fars	163775	81231	82544	10487	4654	1358	8644
Qazvin	43466	22416	21050	2503	1005	285	2100
Qom	44598	21737	22861	2554	952	206	1892
Kordestan	52123	28013	24110	3871	1503	373	2695
Kerman	109805	55499	54306	7087	2924	970	5724
Kermanshah	63533	33858	29675	4481	1681	456	3139
Kohgiluyeh &Boyerahmad	27364	14297	13067	2271	1031	281	1643
Golestan	57579	29792	27787	2917	1347	463	2896
Gilan.....	83282	41614	41668	4975	1770	721	4645
Lorestan.....	60534	32282	28252	4269	1801	578	3421
Mazandaran.....	109906	54059	55847	7158	3012	793	5833
Markazi	47234	23716	23518	2384	1143	353	2323
Hormozgan.....	66151	34147	32004	3619	1679	582	3295
Hamedan	51828	27092	24736	3474	1293	348	2538
Yazd	42779	21096	21683	2257	1117	285	2007

1. Including pre-university level.

Source: Ministry of Education.

17.13. UPPER SECONDARY SCHOOL STUDENTS BY GRADE AND FIELD OF STUDY AND OSTAN, ACADEMIC YEAR 1398-99⁽¹⁾

Ostan	Total			Tenth grade	
	Both sexes	Male	Female	Male	Female
Total country	2683806	1372019	1311787	486345	468130
East Azarbayejan.....	130208	68765	61443	24125	21787
West Azarbayejan	106734	56524	50210	20016	18251
Ardebil	42853	23012	19841	8363	7193
Esfahan.....	173473	85274	88199	29730	30396
Alborz	93725	47366	46359	16932	16582
Ilam	20914	10738	10176	3805	3684
Bushehr	39287	20015	19272	7140	6908
Tehran	421155	209171	211984	74532	75068
Chaharmahal&Bakhtiari	35239	17775	17464	6384	6366
South Khorasan.....	30182	15503	14679	5403	5220
Khorasan-e-Razavi.....	215388	109967	105421	39953	38862
North Khorasan.....	28730	14845	13885	5394	5165
Khuzestan	173262	90878	82384	32288	29448
Zanjan	33124	17806	15318	6071	5420
Semnan.....	23228	11886	11342	4196	3864
Sistan&Baluchestan	92347	51645	40702	18933	15457
Fars	163775	81231	82544	28537	29087
Qazvin	43466	22416	21050	7920	7639
Qom	44598	21737	22861	7922	8366
Kordestan	52123	28013	24110	10249	9091
Kerman	109805	55499	54306	19209	18833
Kermanshah	63533	33858	29675	11961	10808
Kohgiluyeh&Boyerahmad	27364	14297	13067	5010	4641
Golestan	57579	29792	27787	10841	10295
Gilan.....	83282	41614	41668	13990	14110
Lorestan.....	60534	32282	28252	11595	10295
Mazandaran.....	109906	54059	55847	18391	18998
Markazi	47234	23716	23518	8323	8422
Hormozgan.....	66151	34147	32004	12244	11363
Hamedan	51828	27092	24736	9517	8890
Yazd	42779	21096	21683	7371	7621

17.13. UPPER SECONDARY SCHOOL STUDENTS BY GRADE AND FIELD OF STUDY AND OSTAN, ACADEMIC YEAR 1398-99 ⁽¹⁾ (continued)

Ostan	Eleventh grade						Twelfth grade ⁽²⁾	
	Theoretical upper secondary		Technical and vocational		Work and knowledge		Male	Female
	Male	Female	Male	Female	Male	Female		
Total country	258968	315374	85872	54484	110400	64207	430434	409592
East Azarbayejan.....	12970	14629	4592	3177	5383	2560	21695	19290
West Azarbayejan	11842	12752	3272	1867	3738	1867	17656	15473
Ardebil	4262	5012	1403	774	1850	769	7134	6093
Esfahan.....	15324	19579	6262	4220	6826	5264	27132	28740
Alborz	8416	10374	2780	2489	4449	2619	14789	14295
Ilam	2319	2739	522	348	661	212	3431	3193
Bushehr	3375	4551	1009	763	2266	1122	6225	5928
Tehran	43501	51512	12473	9254	13452	9565	65213	66585
Chaharmahal&Bakhtiari .	3809	4565	853	609	1154	495	5575	5429
South Khorasan	2563	3356	1029	699	1546	803	4962	4601
Khorasan-e-Razavi.....	18873	22857	6749	4889	10798	6741	33594	32072
North Khorasan	2834	3433	1016	461	1148	673	4453	4153
Khuzestan	17329	21860	4648	1954	8369	3888	28244	25234
Zanjan	3451	3805	1120	665	1495	647	5669	4781
Semnan.....	1851	2342	877	634	1197	827	3765	3675
Sistan&Baluchestan	10604	11068	2203	765	4179	1461	15726	11951
Fars	15432	20193	5263	2935	6312	4138	25687	26191
Qazvin	3945	4748	1529	1032	1932	1156	7090	6475
Qom	4093	5387	1442	951	1563	1121	6717	7036
Kordestan	5080	5664	1809	1143	2321	1173	8554	7039
Kerman	9239	13201	4518	2856	4772	1904	17761	17512
Kermanshah	7569	7878	1667	1025	2041	848	10620	9116
Kohgiluyeh&Boyerahmad	3230	3628	609	380	869	358	4579	4060
Golestan	5288	6467	1710	1008	2650	1490	9303	8527
Gilan.....	7150	9886	3239	1819	3613	2290	13622	13563
Lorestan.....	7224	7630	1704	725	1718	925	10041	8677
Mazandaran.....	9498	12631	4050	2610	4441	3445	17679	18163
Markazi	3909	5462	1947	1041	1976	1342	7561	7251
Hormozgan.....	5225	7639	1972	1109	4157	1875	10549	10018
Hamedan	4817	5570	2094	1131	1953	1467	8711	7678
Yazd	3946	4956	1511	1151	1571	1162	6697	6793

1. Excluding Devotees (known as Isargaran- veterans of the Holy Defense).

2. Due to the change in the educational system, the pre-university title was renamed the twelfth grade

Source: Ministry of Education.

17.14. STUDENTS AND TEACHING STAFF IN IRANIAN SCHOOLS ABROAD

Academic year and educational level	Student	Teaching staff
1380-81	16125	1086
1385-86	14595	1633
1390-91	16557	1867
1394-95	13242	000
1395-96	13041	000
1396-97	12166	000
1397-98	11286	000
1398-99	10418	000
Primary school	5675	000
Lower secondary school.....	2526	000
Upper secondary school	2217	000

Source: Ministry of Education.

17.15. STUDENTS AND EDUCATIONAL FACILITIES OF ADULTS LOWER SECONDARY COURSES (FIRST THREE YEARS OF HIGH SCHOOL)

Academic year and Ostan	Student			School	Class
	Total	Male	Female		
1380-81	51011	26252	24759	522	1978
1385-86	40894	15833	25061	461	1852
1390-91 ⁽¹⁾	27824	11323	16501	771	4169
1394-95	16712	8677	8035	857	1504
1395-96	18311	9400	8911	863	1648
1396-97	19838	10878	8960	906	2110
1397-98	17460	10314	7146	862	1841
1398-99	19668	11672	7996	968	000
East Azarbayejan.....	1513	1032	481	46	000
West Azarbayejan	778	454	324	37	000
Ardebil	173	66	107	13	000
Esfahan.....	1449	859	590	60	000
Alborz	354	52	302	16	000
Ilam	134	119	15	14	000
Bushehr	322	177	145	15	000
Tehran	1981	1107	874	77	000
Chaharmahal&Bakhtiari	89	56	33	10	000
South Khorasan	95	94	1	7	000
Khorasan-e-Razavi.....	2859	1786	1073	121	000
North Khorasan	464	342	122	20	000
Khuzestan	1211	713	498	54	000
Zanjan	117	19	98	8	000
Semnan.....	199	100	99	8	000
Sistan&Baluchestan	496	238	258	28	000
Fars	1123	734	389	67	000
Qazvin	753	450	303	23	000
Qom	503	238	265	15	000
Kordestan	239	81	158	21	000
Kerman	666	564	102	30	000
Kermanshah	245	93	152	19	000
Kohgiluyeh&Boyerahmad	229	146	83	15	000
Golestan	482	276	206	26	000
Gilan.....	285	130	155	24	000
Lorestan.....	505	210	295	59	000
Mazandaran.....	741	421	320	51	000
Markazi	594	415	179	25	000
Hormozgan.....	244	162	82	22	000
Hamedan	412	231	181	20	000
Yazd	413	307	106	17	000

1. The remarkable change in the data compared to the previous year is due to the changes which occurred in the educational system.

Source: Ministry of Education.

17.16. STUDENTS AND EDUCATIONAL FACILITIES OF ADULT UPPER SECONDARY EDUCATION

Academic year and Ostan	Student			School	Class
	Total	Male	Female		
1380-81	322680	208001	114679	1602	12363
1385-86.....	323916	204367	119549	2599	16167
1390-91 ⁽¹⁾	396246	242616	153630	4034	27608
1394-95	377038	229147	147891	5305	29870
1395-96	342119	210711	131408	5546	28675
1396-97	359339	226251	133088	5479	36776
1397-98	322918	186594	136324	5492	35726
1398-99	250223	149190	101033	5235	000
East Azarbayejan.....	9678	6488	3190	207	000
West Azarbayejan	9213	5705	3508	217	000
Ardebil	4553	2777	1776	88	000
Esfahan.....	11621	7425	4196	253	000
Alborz	10162	5933	4229	134	000
Ilam	2856	1895	961	96	000
Bushehr	4537	2630	1907	120	000
Tehran	32848	19035	13813	424	000
Chaharmahal&Bakhtiari	3566	2192	1374	89	000
South Khorasan	955	749	206	43	000
Khorasan-e-Razavi.....	19930	11186	8744	471	000
North Khorasan	3294	2038	1256	77	000
Khuzestan	17368	10531	6837	338	000
Zanjan	2182	1257	925	41	000
Semnan.....	1640	916	724	53	000
Sistan&Baluchestan	10774	6201	4573	198	000
Fars	15376	8923	6453	421	000
Qazvin	4589	2662	1927	77	000
Qom	3321	1709	1612	51	000
Kordestan	5502	3196	2306	100	000
Kerman	12916	8509	4407	249	000
Kermanshah	5325	3281	2044	102	000
Kohgiluyeh&Boyerahmad	4551	2710	1841	103	000
Golestan	5221	2992	2229	143	000
Gilan.....	8871	4928	3943	231	000
Lorestan.....	11005	6772	4233	247	000
Mazandaran.....	10661	6627	4034	262	000
Markazi	4101	2238	1863	97	000
Hormozgan.....	4998	2778	2220	128	000
Hamedan	5043	2684	2359	107	000
Yazd	3566	2223	1343	68	000

1. The remarkable change in the data compared to the previous year is due to the changes which occurred in the educational system

Source: Ministry of Education.

17.17. STUDENTS COMPLETED PRIMARY AND LOWER SECONDARY EDUCATION ⁽¹⁾ BY SEX

Academic year and Ostan	Primary			Lower secondary education		
	Total	Male	Female	Total	Male	Female
1380-81	7172690	3723192	3449498	4340268	2256422	2083846
1385-86	5622081	2888553	2733528	3545396	1835973	1709423
1390-91	5585694	2864087	2721607	3122307	1635050	1487257
1393-94	6954183	3575731	3378452	1918001	988691	929310
1394-95	7193340	3696204	3497136	2884999	1496702	1388297
1395-96	7479839	3845761	3634078	2951288	1524992	1426296
1396-97	7691762	3952726	3739036	3016038	1550662	1465376
1397-98	7899363	4057975	3841388	3113782	1593298	1520484
East Azarbayejan.....	375118	193413	181705	149988	77879	72109
West Azarbayejan	340301	175850	164451	126950	66715	60235
Ardebil	122958	63965	58993	49590	26020	23570
Esfahan.....	461320	236733	224587	191476	96177	95299
Alborz	247628	127747	119881	105864	53959	51905
Ilam	54186	27889	26297	23944	12219	11725
Bushehr	121560	62498	59062	46609	23674	22935
Tehran	1116439	573576	542863	476488	240098	236390
Chaharmahal & Bakhtiari	100401	51216	49185	40839	20676	20163
South Khorasan.....	86595	44271	42324	34273	17482	16791
Khorasan-e-Razavi.....	712656	364504	348152	265650	135645	130005
North Khorasan	97102	49889	47213	35978	18463	17515
Khuzestan	550795	282484	268311	202978	105264	97714
Zanjan	101464	51971	49493	38723	20305	18418
Semnan.....	62322	31640	30682	26115	13272	12843
Sistan & Baluchestan	426649	220586	206063	121835	65701	56134
Fars	467429	240328	227101	187874	94506	93368
Qazvin	120427	62161	58266	50337	25838	24499
Qom	136883	69889	66994	52295	25931	26364
Kordestan	153757	78942	74815	62497	32872	29625
Kerman	328291	168911	159380	126428	64490	61938
Kermanshah	172692	89502	83190	72826	38185	34641
Kohgiluyeh & Boyerahmad	81880	41849	40031	31319	16362	14957
Golestan	204896	104388	100508	74014	37817	36197
Gilan.....	187924	96202	91722	87742	44233	43509
Lorestan.....	176536	91616	84920	70466	37045	33421
Mazandaran.....	262126	133221	128905	118061	58876	59185
Markazi	125826	64754	61072	53825	27225	26600
Hormozgan.....	212079	108901	103178	78580	40195	38385
Hamedan	158772	81393	77379	61726	31875	29851
Yazd	132351	67686	64665	48492	24299	24193

1. Excluding adult students

Source: Ministry of Education.

17.18. GRADUATES OF UPPER SECONDARY SCHOOL ⁽¹⁾ BY FIELD OF STUDY

Academic year and Ostan	Total			Theoretical upper secondary			
				Mathematics and physics		Experimental sciences	
	Both sexes	Male	Female	Male	Female	Male	Female
1380-81	836219	371606	464613	111213	96069	63024	135758
1385-86	859971	384582	475389	87237	72005	50989	131647
1390-91	650275	311667	338608	76653	49538	57305	119506
1393-94	613097	289662	323435	67875	41573	65119	129511
1394-95	600358	281138	319220	60339	35411	69152	127107
1395-96	589127	274743	314384	59533	35622	75838	128225
1396-97 ⁽³⁾	53544	38890	14654	1464	343	3495	2116
1397-98	586248	266568	319680	48116	28421	79002	138341
East Azarbayejan.....	28558	13479	15079	2098	1305	4269	6958
West Azarbayejan	21137	9898	11239	866	532	3915	5843
Ardebil	9071	4463	4608	418	215	1525	2392
Esfahan.....	43444	18712	24732	4412	2392	4292	8433
Alborz	19941	8621	11320	2143	1481	2238	4535
Ilam	4320	1939	2381	190	74	977	1457
Bushehr	7744	3653	4091	606	183	1085	1943
Tehran	100641	44821	55820	14636	9917	10323	20471
Chaharmahal&Bakhtiyari	7589	3287	4302	431	249	1166	1925
South Khorasan	7487	3423	4064	364	267	968	1532
Khorasan-e-Razavi.....	46528	20926	25602	3153	1816	6536	10671
North Khorasan	5570	2494	3076	325	173	865	1588
Khuzestan	33171	15753	17418	2286	811	4273	8644
Zanjan	7149	3467	3682	500	298	1132	1650
Semnan.....	5446	2477	2969	438	283	713	1161
Sistan & Baluchestan	16693	8540	8153	635	311	3048	4395
Fars	34810	14554	20256	2483	1126	5414	10540
Qazvin	9505	4411	5094	599	400	1164	1962
Qom	10618	4714	5904	974	535	1308	2296
Kordestan	10250	5095	5155	474	289	1866	2416
Kerman	24347	11053	13294	1670	859	2608	5780
Kermanshah	11784	5486	6298	556	253	2463	3682
Kohgiluyeh&Boyerahmad	5090	2383	2707	114	47	983	1573
Golestan	12405	5805	6600	412	268	2121	3075
Gilan.....	18923	8583	10340	1167	676	2538	4672
Lorestan.....	11012	5035	5977	536	233	2035	3436
Mazandaran.....	27385	12239	15146	2191	1423	3499	5777
Markazi	10092	4532	5560	829	464	1430	2364
Hormozgan.....	14008	6847	7161	1009	682	1300	2629
Hamedan	11426	5453	5973	766	411	1655	2480
Yazd	10104	4425	5679	835	448	1293	2061

17.18. GRADUATES ⁽¹⁾ OF UPPER SECONDARY SCHOOL BY FIELD OF STUDY (continued)

Academic year and Ostan	Theoretical upper secondary		Technical and vocational		Work and knowledge	
	Humanities ⁽²⁾					
	Male	Female	Male	Female	Male	Female
1380-81	86342	164203	27485	9944	83542	58639
1385-86	65588	140082	78826	51385	101942	80270
1390-91	33121	71145	60205	42787	84383	55632
1393-94	28285	61453	51284	40335	77099	50563
1394-95	36372	74541	47242	36707	68033	45454
1395-96	35656	68839	43112	38436	60604	43262
1396-97 ⁽³⁾	3643	2695	6841	2858	23447	6642
1397-98	44226	81444	53231	39740	41993	31734
East Azarbayejan.....	2563	3534	2641	2076	1908	1206
West Azarbayejan	1675	2569	1823	1216	1619	1079
Ardebil	759	1052	886	582	875	367
Esfahan.....	2745	6590	4266	4005	2997	3312
Alborz	1180	2611	1818	1658	1242	1035
Ilam	292	571	258	158	222	121
Bushehr	388	1067	696	465	878	433
Tehran	6729	13022	8070	7685	5063	4725
Chaharmahal&Bakhtiyari	740	1315	489	501	461	312
South Khorasan	730	1140	724	613	637	512
Khorasan-e-Razavi.....	3688	6664	4210	3208	3339	3243
North Khorasan	471	830	484	260	349	225
Khuzestan	2435	4800	2961	1280	3798	1883
Zanjan	738	1068	588	441	509	225
Semnan.....	446	676	454	450	426	399
Sistan&Baluchestan	1978	2385	1341	349	1538	713
Fars	2097	4565	2746	2071	1814	1954
Qazvin	880	1434	975	698	793	600
Qom	862	1722	1052	766	518	585
Kordestan	754	1334	1141	712	860	404
Kerman	1677	3575	2908	1915	2190	1165
Kermanshah	927	1341	874	655	666	367
Kohgiluyeh&Boyerahmad	558	741	410	188	318	158
Golestan	1031	1686	1110	770	1131	801
Gilan.....	1428	2776	2083	1309	1367	907
Lorestan.....	991	1504	881	380	592	424
Mazandaran.....	2115	4109	2618	2161	1816	1676
Markazi	720	1621	1057	690	496	421
Hormozgan.....	949	2105	1419	752	2170	993
Hamedan	935	1468	1164	731	933	883
Yazd	745	1569	1084	995	468	606

1. Include day and adults courses.

2. Including graduates from Islamic Ma'aref course.

3. The remarkable change in the data compared to the previous year is due to the changes which occurred in the educational system

Source: Ministry of Education.

17.19. LEARNERS COVERED BY THE LITERACY MOVEMENT COURSES IN URBAN AND RURAL AREAS

Year and course	Urban areas			Rural areas ⁽¹⁾		
	Total	Male	Female	Total	Male	Female
<i>Literacy education course</i>						
1394.....	145689	43125	102564	140448	52925	87523
1395.....	149877	42949	106928	124764	43634	81130
1396.....	112440	28464	83976	88740	28209	60531
1397.....	128891	29353	99538	95804	29563	66241
1398.....	105952	21027	84925	79257	21211	58046
<i>Transition course</i>						
1394.....	83741	6434	77307	62829	9257	53572
1395.....	76382	6830	69552	60779	9165	51614
1396.....	65763	5516	60247	49638	6783	42855
1397.....	59674	5213	54461	46051	5983	40068
1398.....	56887	5382	51505	41368	5385	35983
<i>Stabilization course</i>						
1394.....	39281	3292	35989	40914	6417	34497
1395.....	35674	3473	32201	37369	6371	30998
1396.....	32265	2595	29670	32237	5082	27155
1397.....	41846	3452	38394	40885	5078	35807
1398.....	49845	3511	46334	50597	6431	44166

1. Including data related to nomads covered by Literacy Movement Organization.

Source: Literacy Movement Organization.

17.20. LEARNERS COMPLETED LITERACY MOVEMENT COURSES BY SEX

Year and Ostan	Total			Literacy education		Transition		Stabilization	
	Both sexes	Male	Female	Male	Female	Male	Female	Male	Female
1390.....	233026	56308	176718	54130	141513	-	-	2178	35205
1393.....	255463	46302	209161	36120	89737	5599	71367	4583	48057
1394.....	303791	64686	239105	49253	115856	9530	80917	5903	42332
1395.....	273542	59233	214309	42969	108111	9531	70498	6733	35700
1396.....	214052	39459	174593	27396	82054	7365	60757	4698	31782
1397.....	207356	30851	176505	21095	86032	5364	53811	4392	36662
East Azarbayejan.....	19661	3890	15771	2278	6958	540	3388	1072	5425
West Azarbayejan	21668	2730	18938	1797	8930	563	6073	370	3935
Ardebil	4431	355	4076	293	1835	53	1451	9	790
Esfahan.....	5470	598	4872	477	2336	121	1985	0	551
Alborz	2845	312	2533	261	1664	51	649	0	220
Ilam	1883	153	1730	46	325	31	579	76	826
Bushehr	876	34	842	24	406	4	358	6	78
Tehran	10501	957	9544	754	6245	180	2618	23	681
Chaharmahal&Bakhtiyari	2278	337	1941	275	900	19	829	43	212
South Khorasan	1561	239	1322	131	355	42	494	66	473
Khorasan-e-Razavi.....	18925	2309	16616	1628	7368	326	5134	355	4114
North Khorasan	3615	345	3270	244	1101	81	1068	20	1101
Khuzestan	17904	2803	15101	1692	5808	710	6079	401	3214
Zanjan	2176	192	1984	140	798	31	924	21	262
Semnan.....	721	196	525	165	359	17	132	14	34
Sistan&Baluchestan	11723	3939	7784	2300	3791	825	1677	814	2316
Fars	14026	1584	12442	1329	6998	149	2891	106	2553
Qazvin	2032	108	1924	82	870	13	782	13	272
Qom	5162	905	4257	634	2768	169	1002	102	487
Kordestan	6548	562	5986	437	3093	112	2188	13	705
Kerman	7960	2051	5909	1715	4010	165	1109	171	790
Kermanshah	8471	1043	7428	627	3665	260	2260	156	1503
Kohgiluyeh&Boyerahmad	3590	646	2944	369	1212	102	660	175	1072
Golestan	6513	609	5904	446	3378	123	1394	40	1132
Gilan.....	5018	686	4332	493	1825	163	1662	30	845
Lorestan.....	6395	1219	5176	905	2745	224	1768	90	663
Mazandaran.....	3289	274	3015	206	1340	43	1343	25	332
Markazi	1823	247	1576	203	660	30	279	14	637
Hormozgan.....	4971	743	4228	584	2034	89	1493	70	701
Hamedan	2570	196	2374	137	918	46	998	13	458
Yazd	2750	589	2161	423	1337	82	544	84	280

Source: Literacy Movement Organization.

17.21. FULL-TIME TEACHING STAFF OF UNIVERSITIES AND HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY OSTAN AND SEX

Academic year and Ostan	Both sexes	Male	Female
1380-81	39294	32113	7181
1385-86	49428	39066	10362
1390-91	73794	57757	16037
1394-95	81934	61629	20305
1395-96	81683	60965	20718
1396-97	86488	63243	23245
1397-98	86932	63288	23644
1398-99	88255	63921	24334
East Azarbayejan.....	4989	3864	1125
West Azarbayejan	2296	1769	527
Ardebil	1326	1055	271
Esfahan.....	5464	3984	1480
Alborz	1950	1392	558
Ilam	757	578	179
Bushehr	901	652	249
Tehran	21613	14968	6645
Chaharmahal&Bakhtiari	1016	739	277
South Khorasan	1109	797	312
Khorasan-e-Razavi.....	4839	3536	1303
North Khorasan	925	652	273
Khuzestan	4125	2883	1242
Zanjan	1616	1167	449
Semnan.....	2237	1688	549
Sistan&Baluchestan	2057	1463	594
Fars	4800	3358	1442
Qazvin	1730	1236	494
Qom	1484	1204	280
Kordestan	1248	1037	211
Kerman	3331	2190	1141
Kermanshah	1738	1288	450
Kohgiluyeh&Boyerahmad	787	652	135
Golestan	1538	1145	393
Gilan.....	2278	1633	645
Lorestan.....	1418	1059	359
Mazandaran.....	4178	3122	1056
Markazi	1860	1408	452
Hormozgan.....	975	655	320
Hamedan	1834	1369	465
Yazd	1836	1378	458

1. Including Islamic Azad University.

Source: Ministry of Science, Research and Technology.

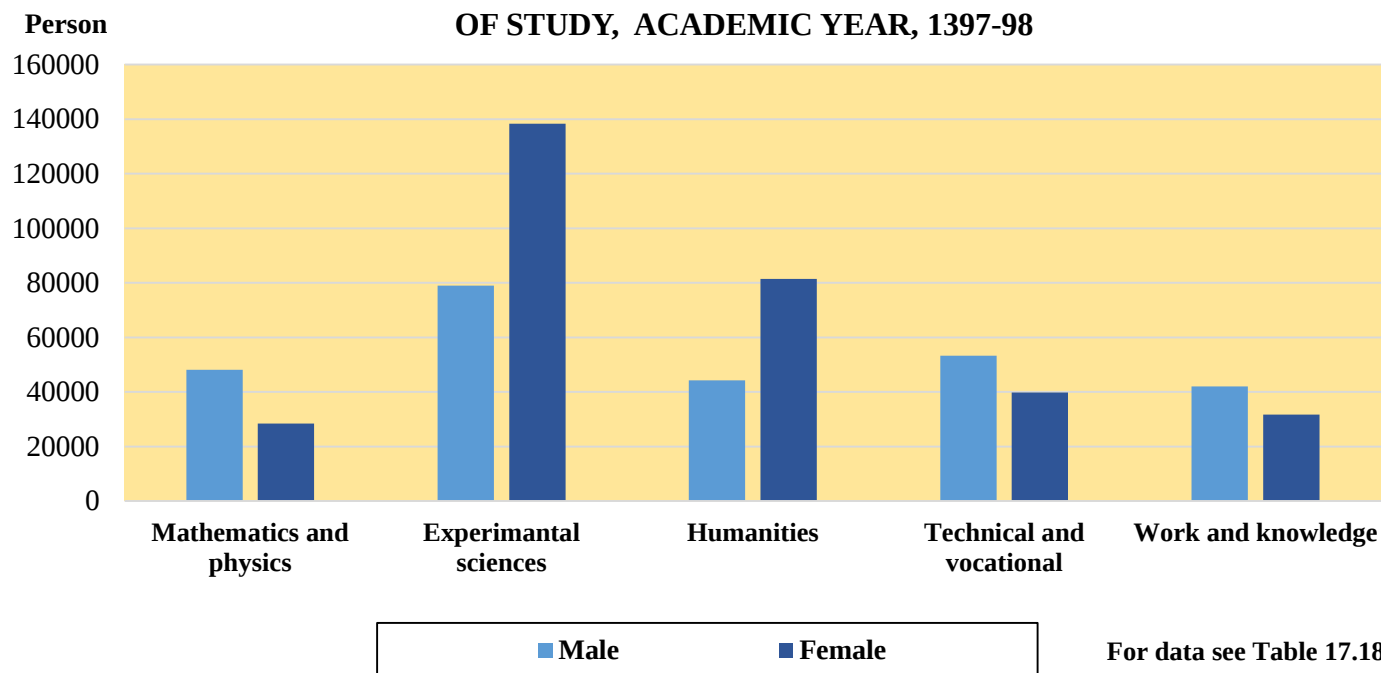
17.22. FULL-TIME TEACHING STAFF OF UNIVERSITIES AND HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY ACADEMIC RANK

Academic year and Ostan	Total	Faculty member					Non-faculty instructor
		Full professor	Associate professor	Assistant professor	Lecturer	Assistant lecturer	
1380-81	39294	1424	2016	12023	18545	739	4547
1385-86	49428	1803	3345	17789	22829	799	2863
1390-91	73794	2840	6364	26594	28789	2511	6696
1394-95	81934	4629	9806	37477	27961	224	1837
1395-96	81683	5147	10975	39731	24192	268	1370
1396-97	86488	6291	12330	42941	23767	263	896
1397-98	86932	6328	13021	43911	22793	206	673
1398-99	88255	6856	13855	44367	21996	201	980
East Azarbayejan.....	4989	529	821	2251	1350	5	33
West Azarbayejan	2296	172	278	1171	612	48	15
Ardebil	1326	77	195	674	374	1	5
Esfahan.....	5464	531	968	2460	1450	7	48
Alborz	1950	214	325	943	436	4	28
Ilam	757	21	95	394	242	0	5
Bushehr	901	24	105	490	275	1	6
Tehran	21613	2561	4194	10413	4054	68	323
Chaharmahal&Bakhtiari	1016	45	203	505	251	0	12
South Khorasan	1109	50	162	551	331	2	13
Khorasan-e-Razavi.....	4839	450	781	2451	1082	5	70
North Khorasan	925	12	41	574	280	0	18
Khuzestan	4125	251	406	2042	1413	5	8
Zanjan	1616	62	259	860	425	1	9
Semnan.....	2237	80	305	1225	608	2	17
Sistan&Baluchestan	2057	75	261	983	727	1	10
Fars	4800	419	903	2281	1161	8	28
Qazvin	1730	60	203	995	460	6	6
Qom	1484	54	290	888	237	2	13
Kordestan	1248	36	167	649	382	2	12
Kerman	3331	192	401	1838	858	3	39
Kermanshah	1738	99	259	1012	347	0	21
Kohgiluyeh&Boyerahmad	787	25	107	465	177	1	12
Golestan	1538	50	220	870	353	2	43
Gilan.....	2278	143	356	1026	711	3	39
Lorestan.....	1418	61	140	731	461	9	16
Mazandaran.....	4178	248	584	1990	1298	6	52
Markazi	1860	51	167	958	664	3	17
Hormozgan.....	975	13	96	567	290	3	6
Hamedan	1834	133	276	1068	335	0	22
Yazd	1836	118	287	1042	352	3	34

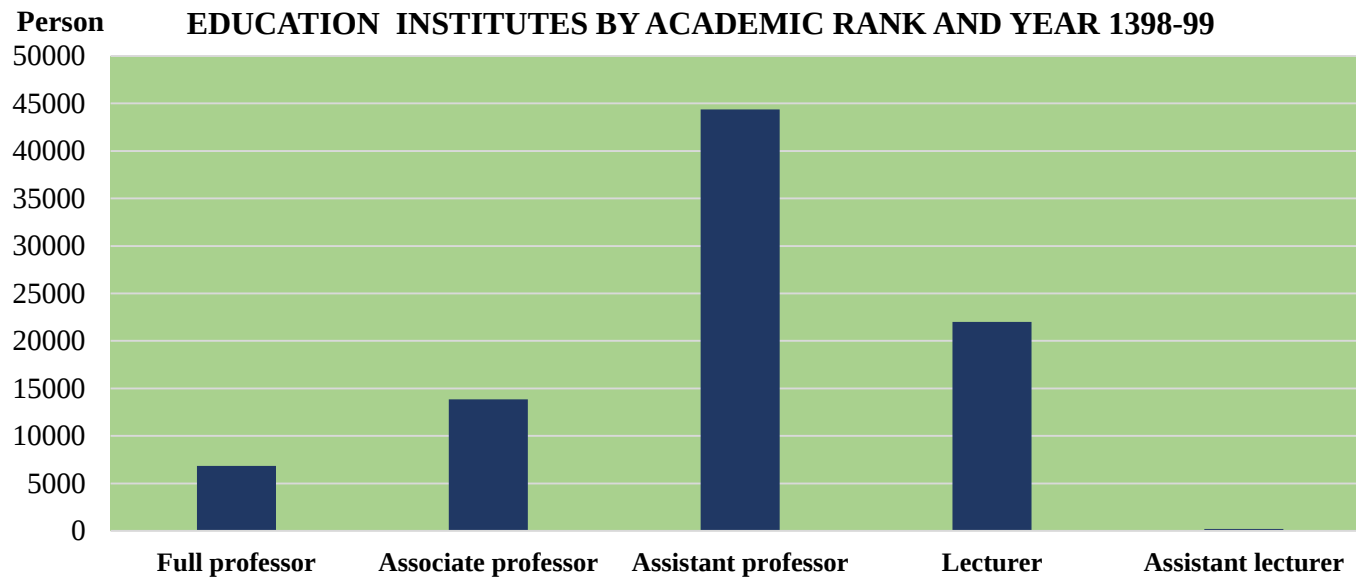
1. Including Islamic Azad University.

Source: Ministry of Science, Research and Technology.

17.3. GRADUATES OF UPPER SECONDARY SCHOOL BY SEX AND FIELD OF STUDY, ACADEMIC YEAR, 1397-98



17.4. FACULTY MEMBERS OF UNIVERSITIES AND HIGHER EDUCATION INSTITUTES BY ACADEMIC RANK AND YEAR 1398-99



17.23. NEW STUDENTS ENROLED AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY BROAD FIELD OF STUDY AND SEX

Academic year and broad field of study	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	377682	184751	192931	130884	76169	54715	223003	93164	129839
1385-86 ⁽²⁾	487405	201771	285634	81822	45594	36228	367115	134201	232914
1390-91	1194926	615833	579093	310943	192238	118705	701321	327943	373378
1394-95	1174897	675678	499219	313270	215442	97828	561300	294932	266368
1395-96	1064071	596148	467923	240730	164528	76202	521289	267646	253643
1396-97	1002115	561342	440773	255075	170659	84416	524882	268996	255886
1397-98	818792	425335	393457	105281	68802	36479	491308	238051	253257
1398-99.....	903769	482970	420799	174466	112699	61767	543197	270747	272450
Medicine.....	53578	21697	31881	1749	1632	117	29902	10226	19676
Humanities	463698	222437	241261	78005	43085	34920	295537	133115	162422
Basic sciences	53921	18336	35585	168	103	65	38880	12964	25916
Technical and engineering ..	230602	179600	51002	65189	56156	9033	125771	94105	31666
Agriculture and veterinary ..	29277	14784	14493	3458	2266	1192	15925	7506	8419
Arts.....	72693	26116	46577	25897	9457	16440	37182	12831	24351

Academic year and broad field of study	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	16379	11183	5196	4692	2241	2451	2724	1994	730
1385-86 ⁽²⁾	29409	16967	12442	4248	1780	2468	4811	3229	1582
1390-91.....	162942	85254	77688	8736	4083	4653	10984	6315	4669
1394-95.....	259053	143061	115992	12720	5994	6726	28554	16249	12305
1395-96.....	254092	137252	116840	12514	6341	6173	35446	20381	15065
1396-97.....	183637	101201	82436	12794	6511	6283	25727	13975	11752
1397-98.....	179292	94979	84313	14626	7767	6859	28285	15736	12549
1398-99.....	147246	78985	68261	13743	7240	6503	25117	13299	11818
Medicine.....	4109	1288	2821	12821	6689	6132	4997	1862	3135
Humanities	80115	40414	39701	0	0	0	10041	5823	4218
Basic sciences.....	12148	4236	7912	0	0	0	2725	1033	1692
Technical and engineering...	35207	26166	9041	0	0	0	4435	3173	1262
Agriculture and veterinary...	6762	3369	3393	922	551	371	2210	1092	1118
Arts.....	8905	3512	5393	0	0	0	709	316	393

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

Source: Ministry of Science, Research and Technology.

17.24. NEW STUDENTS ENROLLED IN DIFFERENT EDUCATIONAL COURSES BY HIGHER EDUCATION INSTITUTES AFFILIATED TO GOVERNMENT AGENCIES AND SEX ⁽¹⁾

Academic year and university/higher education institute	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	377682	184751	192931	130884	76169	54715	223003	93164	129839
1385-86 ⁽²⁾	487405	201771	285634	81822	45594	36228	367115	134201	232914
1390-91	1194926	615833	579093	310943	192238	118705	701321	327943	373378
1394-95	1174897	675678	499219	313270	215442	97828	561300	294932	266368
1395-96	1064071	596148	467923	240730	164528	76202	521289	267646	253643
1396-97	1002115	561342	440773	255075	170659	84416	524882	268996	255886
1397-98	818792	425335	393457	105281	68802	36479	491308	238051	253257
1398-99	903769	482970	420799	174466	112699	61767	543197	270747	272450
Universities and higher education institutes of the Ministry of Science, Research and Technology...	177047	85644	91403	1178	606	572	101952	45587	56365
Payam-e-Noor University...	89296	41136	48160	0	0	0	83850	38396	45454
Comprehensive University of Applied Science and Technology	110455	75370	35085	57664	39389	18275	52791	35981	16810
Technical and Vocational University	83052	52471	30581	58568	37190	21378	24484	15281	9203
Farhangian (teachers) University	25148	13325	11823	0	0	0	24837	13174	11663
Universities and higher education institutes of the Ministry of Health and Medical Education	45877	19287	26590	1515	1515	0	23630	8535	15095
Universities and higher education institutes of other government agencies	6848	4945	1903	90	46	44	3503	2570	933
Islamic Azad University	289035	152314	136721	50199	31038	19161	182123	90188	91935
Non-governmental and non-profit making higher education institutes	77011	38478	38533	5252	2915	2337	46027	21035	24992

17.24. NEW STUDENTS ENROLLED IN DIFFERENT EDUCATIONAL COURSES BY HIGHER EDUCATION INSTITUTES AFFILIATED TO GOVERNMENT AGENCIES AND SEX ⁽¹⁾ (continued)

Academic year and university/higher education institute	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	16379	11183	5196	4692	2241	2451	2724	1994	730
1385-86 ⁽²⁾	29409	16967	12442	4248	1780	2468	4811	3229	1582
1390-91	162942	85254	77688	8736	4083	4653	10984	6315	4669
1394-95	259053	143061	115992	12720	5994	6726	28554	16249	12305
1395-96	254092	137252	116840	12514	6341	6173	35446	20381	15065
1396-97	183637	101201	82436	12794	6511	6283	25727	13975	11752
1397-98	179292	94979	84313	14626	7767	6859	28285	15736	12549
1398-99	147246	78985	68261	13743	7240	6503	25117	13299	11818
Universities and higher education institutes of the Ministry of Science, Research and Technology .	63215	33559	29656	594	361	233	10108	5531	4577
Payam-e-Noor University .	5213	2634	2579	0	0	0	233	106	127
Comprehensive University of Applied Science and Technology.....	0	0	0	0	0	0	0	0	0
Technical and Vocational University.....	0	0	0	0	0	0	0	0	0
Farhangian (teachers) University.....	311	151	160	0	0	0	0	0	0
Universities and higher education institutes of the Ministry of Health and Medical Education	4669	1496	3173	10884	5809	5075	5179	1932	3247
Universities and higher education institutes of other government agencies	3090	2198	892	0	0	0	165	131	34
Islamic Azad University....	45528	24785	20743	2265	1070	1195	8920	5233	3687
Non-governmental and non-profit making higher education institutes.....	25220	14162	11058	0	0	0	512	366	146

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

Source: Ministry of Science, Research and Technology.

17.25. NEW STUDENTS ENROLLED AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY SEX AND OSTAN

Academic year and Ostan	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	377682	184751	192931	130884	76169	54715	223003	93164	129839
1385-86 ⁽²⁾	487405	201771	285634	81822	45594	36228	367115	134201	232914
1390-91	1194926	615833	579093	310943	192238	118705	701321	327943	373378
1394-95	1174897	675678	499219	313270	215442	97828	561300	294932	266368
1395-96	1064071	596148	467923	240730	164528	76202	521289	267646	253643
1396-97	1002115	561342	440773	255075	170659	84416	524882	268996	255886
1397-98	818792	425335	393457	105281	68802	36479	491308	238051	253257
1398-99.....	903769	482970	420799	174466	112699	61767	543197	270747	272450
East Azarbayejan.....	44755	24846	19909	6996	4918	2078	26881	14101	12780
West Azarbayejan	25699	14221	11478	4786	2941	1845	16593	8823	7770
Ardebil	14100	8071	6029	2647	1898	749	8996	4831	4165
Esfahan.....	58587	29773	28814	10810	6905	3905	35855	16940	18915
Alborz	23304	11951	11353	4801	3157	1644	13831	6633	7198
Ilam	8860	5052	3808	1842	1240	602	5264	2844	2420
Bushehr	14441	8877	5564	3903	2858	1045	8822	5036	3786
Tehran	184619	95937	88682	27998	17250	10748	103067	49907	53160
Chaharmahal&Bakhtiari	10109	5326	4783	2438	1492	946	6208	3098	3110
South Khorasan	12149	6350	5799	2296	1362	934	7904	3921	3983
Khorasan-e-Razavi.....	65298	34039	31259	13117	8187	4930	40684	19890	20794
North Khorasan	7467	4095	3372	1684	1192	492	5009	2459	2550
Khuzestan.....	41797	23192	18605	9156	6182	2974	26684	13767	12917
Zanjan	12224	6829	5395	2397	1574	823	7200	3875	3325
Semnan.....	17526	9227	8299	2355	1461	894	10290	5041	5249
Sistan&Baluchestan	25690	13463	12227	7406	4165	3241	15345	7759	7586
Fars.....	48290	25365	22925	10056	6454	3602	30146	14610	15536
Qazvin	16189	8665	7524	2688	1677	1011	9593	4797	4796
Qom.....	18312	10106	8206	1682	1077	605	10682	5386	5296
Kordestan	13169	7366	5803	2625	1593	1032	8344	4516	3828
Kerman.....	33026	17772	15254	8149	5597	2552	19650	9506	10144
Kermanshah	16085	9102	6983	3185	2206	979	9895	5308	4587
Kohgiluyeh&Boyerahmad	8896	5056	3840	2017	1352	665	5645	2975	2670
Golestan	19778	9932	9846	4511	2462	2049	12167	5749	6418
Gilan.....	27111	14608	12503	5895	4308	1587	16668	7919	8749
Lorestan.....	18837	10304	8533	4434	2732	1702	12116	6322	5794
Mazandaran.....	45158	24281	20877	8549	5691	2858	26917	13506	13411
Markazi	16351	9167	7184	3007	2123	884	10157	5206	4951
Hormozgan.....	16738	9611	7127	4849	3330	1519	9423	4891	4532
Hamedan	18103	9387	8716	3590	2273	1317	11262	5447	5815
Yazd	21101	10999	10102	4597	3042	1555	11899	5684	6215

17.25. NEW STUDENTS ENROLLED AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY SEX AND OSTAN (continued)

Academic year and Ostan	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	16379	11183	5196	4692	2241	2451	2724	1994	730
1385-86 ⁽²⁾	29409	16967	12442	4248	1780	2468	4811	3229	1582
1390-91	162942	85254	77688	8736	4083	4653	10984	6315	4669
1394-95	259053	143061	115992	12720	5994	6726	28554	16249	12305
1395-96	254092	137252	116840	12514	6341	6173	35446	20381	15065
1396-97	183637	101201	82436	12794	6511	6283	25727	13975	11752
1397-98	179292	94979	84313	14626	7767	6859	28285	15736	12549
1398-99	147246	78985	68261	13743	7240	6503	25117	13299	11818
East Azarbayejan.....	8498	4593	3905	729	383	346	1651	851	800
West Azarbayejan	3632	2043	1589	352	202	150	336	212	124
Ardebil	1864	1026	838	342	196	146	251	120	131
Esfahan.....	9158	4515	4643	900	470	430	1864	943	921
Alborz	3649	1649	2000	333	164	169	690	348	342
Ilam	1512	846	666	160	87	73	82	35	47
Bushehr	1473	842	631	118	63	55	125	78	47
Tehran	42108	22642	19466	2311	1264	1047	9135	4874	4261
Chaharmahal&Bakhtiari ...	1034	519	515	212	110	102	217	107	110
South Khorasan	1555	852	703	167	79	88	227	136	91
Khorasan-e-Razavi.....	9467	4995	4472	824	394	430	1206	573	633
North Khorasan	628	366	262	126	68	58	20	10	10
Khuzestan.....	4593	2555	2038	578	305	273	786	383	403
Zanjan	1905	984	921	317	168	149	405	228	177
Semnan.....	3854	2138	1716	429	222	207	598	365	233
Sistan&Baluchestan	2289	1189	1100	391	212	179	259	138	121
Fars.....	6152	3315	2837	814	415	399	1122	571	551
Qazvin	3465	1935	1530	119	61	58	324	195	129
Qom.....	5201	3177	2024	166	83	83	581	383	198
Kordestan	1731	980	751	222	140	82	247	137	110
Kerman.....	4045	2092	1953	632	319	313	550	258	292
Kermanshah	2276	1216	1060	377	204	173	352	168	184
Kohgiluyeh&Boyerahmad ..	935	578	357	168	83	85	131	68	63
Golestan	2486	1388	1098	234	125	109	380	208	172
Gilan.....	3713	1959	1754	312	147	165	523	275	248
Lorestan.....	1685	936	749	353	181	172	249	133	116
Mazandaran.....	7798	4086	3712	749	406	343	1145	592	553
Markazi	2641	1535	1106	202	104	98	344	199	145
Hormozgan.....	1681	969	712	309	149	160	476	272	204
Hamedan	2432	1239	1193	399	229	170	420	199	221
Yazd	3786	1826	1960	398	207	191	421	240	181

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

Source: Ministry of Science, Research and Technology.

17.26. STUDENTS OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY BROAD FIELD OF STUDY AND SEX

Academic year and broad field of study	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	1566609	798176	768433	346696	197821	148875	1101459	524024	577435
1385-86 ⁽²⁾	2828528	1346335	1482193	736775	427705	309070	1910954	816905	1094049
1390-91	4404614	2213205	2191409	1000164	619560	380604	2899120	1328412	1570708
1394-95	4348383	2345824	2002559	822345	570116	252229	2558066	1257994	1300072
1395-96	4073827	2202231	1871596	748626	515869	232757	2335844	1156094	1179750
1396-97	3616114	1930954	1685160	654441	440443	213998	2076361	1019080	1057281
1397-98	3373388	1768931	1604457	511950	340240	171710	2017207	980160	1037047
1398-99	3182989	1638746	1544243	436348	282466	153882	1990478	956980	1033498
Medicine.....	243008	98148	144860	5407	4411	996	109632	37670	71962
Humanities	1573122	718037	855085	198271	110771	87500	1044759	436687	608072
Basic sciences	206339	64812	141527	583	416	167	148484	44811	103673
Technical and engineering	810720	613969	196751	160517	136531	23986	494705	363736	130969
Agriculture and veterinary	117883	55698	62185	6571	4414	2157	62156	26201	35955
Arts.....	231917	88082	143835	64999	25923	39076	130742	47875	82867

Academic year and broad field of study	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	60455	42369	18086	44876	23946	20930	13123	10016	3107
1385-86 ⁽²⁾	117876	68344	49532	40907	18690	22217	22016	14691	7325
1390-91	405042	213461	191581	52973	22464	30509	47315	29308	18007
1394-95	774766	417228	357538	78015	33816	44199	115191	66670	48521
1395-96	764370	410817	353553	84429	38113	46316	140558	81338	59220
1396-97	656287	351869	304418	87947	40260	47687	141078	79302	61776
1397-98	598890	320106	278784	93335	44060	49275	152006	84365	67641
1398-99	513342	272846	240496	95412	46268	49144	147409	80186	67223
Medicine.....	19606	6094	13512	84656	40265	44391	23707	9708	13999
Humanities	268210	134422	133788	0	0	0	61882	36157	25725
Basic sciences	39758	13219	26539	0	0	0	17514	6366	11148
Technical and engineering	129585	95012	34573	0	0	0	25913	18690	7223
Agriculture and veterinary	24006	11638	12368	10756	6003	4753	14394	7442	6952
Arts.....	32177	12461	19716	0	0	0	3999	1823	2176

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

Source: Ministry of Science, Research and Technology.

17.27. STUDENTS OF DIFFERENT EDUCATIONAL COURSES BY HIGHER EDUCATION INSTITUTES AFFILIATED TO GOVERNMENT AGENCIES AND SEX ⁽¹⁾

Academic year and university/higher education institute	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	1566609	798176	768433	346696	197821	148875	1101459	524024	577435
1385-86 ⁽²⁾	2828528	1346335	1482193	736775	427705	309070	1910954	816905	1094049
1390-91	4404614	2213205	2191409	1000164	619560	380604	2899120	1328412	1570708
1394-95	4348383	2345824	2002559	822345	570116	252229	2558066	1257994	1300072
1395-96	4073827	2202231	1871596	748626	515869	232757	2335844	1156094	1179750
1396-97	3616114	1930954	1685160	654441	440443	213998	2076361	1019080	1057281
1397-98	3373388	1768931	1604457	511950	340240	171710	2017207	980160	1037047
1398-99	3182989	1638746	1544243	436348	282466	153882	1990478	956980	1033498
Universities and higher education institutes of the Ministry of Science, Research and Technology ..	679708	323564	356144	2544	1436	1108	431336	194735	236601
Payam-e-Noor University ..	409014	159739	249275	0	0	0	376405	143506	232899
Comprehensive University of Applied Science and Technology.....	224910	154493	70417	118145	81156	36989	106765	73337	33428
Technical and Vocational University.....	184816	115436	69380	119035	71392	47643	65781	44044	21737
Farhangian (teachers) University.....	67559	35560	31999	0	0	0	66954	35257	31697
Universities and higher education institutes of the Ministry of Health and Medical Education	210555	88702	121853	4502	4067	435	85681	31206	54475
Universities and higher education institutes of other government agencies.....	22318	16625	5693	237	129	108	12870	9942	2928
Islamic Azad University.....	1122441	616075	506366	172323	112884	59439	675209	348766	326443
Non-governmental and non-profit making higher education institutes.....	261668	128552	133116	19562	11402	8160	169477	76187	93290

17.27. STUDENTS OF DIFFERENT EDUCATIONAL COURSES BY HIGHER EDUCATION INSTITUTES AFFILIATED TO GOVERNMENT AGENCIES AND SEX ⁽¹⁾ (continued)

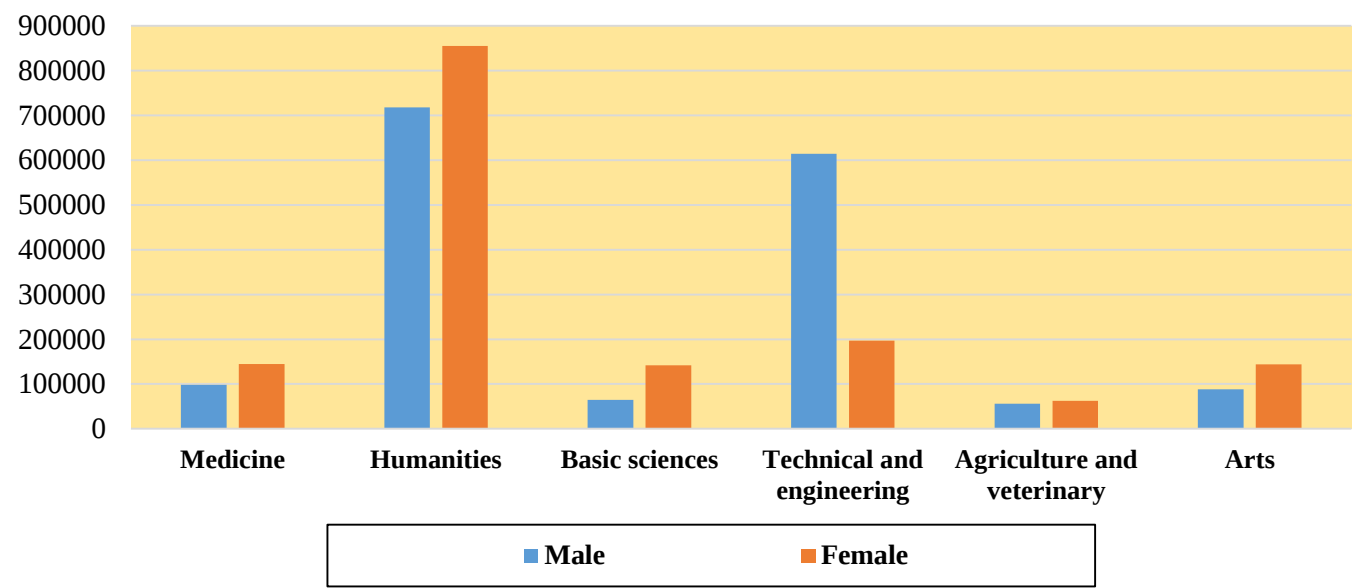
Academic year and university/higher education institute	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	60455	42369	18086	44876	23946	20930	13123	10016	3107
1385-86 ⁽²⁾	117876	68344	49532	40907	18690	22217	22016	14691	7325
1390-91	405042	213461	191581	52973	22464	30509	47315	29308	18007
1394-95	774766	417228	357538	78015	33816	44199	115191	66670	48521
1395-96	764370	410817	353553	84429	38113	46316	140558	81338	59220
1396-97	656287	351869	304418	87947	40260	47687	141078	79302	61776
1397-98	598890	320106	278784	93335	44060	49275	152006	84365	67641
1398-99	513342	272846	240496	95412	46268	49144	147409	80186	67223
Universities and higher education institutes of the Ministry of Science, Research and Technology	184111	93779	90332	3691	1999	1692	58026	31615	26411
Payam-e-Noor University	31386	15626	15760	0	0	0	1223	607	616
Comprehensive University of Applied Science and Technology	0	0	0	0	0	0	0	0	0
Technical and Vocational University	0	0	0	0	0	0	0	0	0
Farhangian (teachers) University	605	303	302	0	0	0	0	0	0
Universities and higher education institutes of the Ministry of Health and Medical Education	21986	7171	14815	73721	36085	37636	24665	10173	14492
Universities and higher education institutes of other government agencies	7933	5579	2354	0	0	0	1278	975	303
Islamic Azad University	196759	110881	85878	18000	8184	9816	60150	35360	24790
Non-governmental and non-profit making higher education institutes	70562	39507	31055	0	0	0	2067	1456	611

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

Source: Ministry of Science, Research and Technology

17.5. STUDENTS OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES BY SEX, ACADEMIC YEAR 1398-99



For data see Table 17.26.

17.28. STUDENTS OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY SEX AND OSTAN

Academic year and Ostan	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	1566609	798176	768433	346696	197821	148875	1101459	524024	577435
1385-86 ⁽²⁾	2828528	1346335	1482193	736775	427705	309070	1910954	816905	1094049
1390-91	4404614	2213205	2191409	1000164	619560	380604	2899120	1328412	1570708
1394-95	4348383	2345824	2002559	822345	570116	252229	2558066	1257994	1300072
1395-96	4073827	2202231	1871596	748626	515869	232757	2335844	1156094	1179750
1396-97	3616114	1930954	1685160	654441	440443	213998	2076361	1019080	1057281
1397-98	3373388	1768931	1604457	511950	340240	171710	2017207	980160	1037047
1398-99	3182989	1638746	1544243	436348	282466	153882	1990478	956980	1033498
East Azarbayegan.....	156311	85139	71172	18560	13063	5497	95713	49035	46678
West Azarbayegan	87712	47034	40678	12584	7943	4641	59253	30138	29115
Ardebil	47204	25552	21652	6801	4924	1877	31068	15700	15368
Esfahan.....	212867	103829	109038	26515	16443	10072	135396	61768	73628
Alborz	76193	36774	39419	12042	7892	4150	47234	20839	26395
Ilam	27300	14316	12984	4184	2798	1386	17799	8803	8996
Bushehr	45856	26362	19494	9667	7066	2601	29601	15597	14004
Tehran	693837	347729	346108	72927	44415	28512	396008	186858	209150
Chaharmahal&Bakhtiari ..	34486	17290	17196	5453	3358	2095	22544	10623	11921
South Khorasan	43144	22050	21094	5140	3219	1921	29321	14152	15169
Khorasan-e-Razavi.....	224151	112747	111404	30171	18792	11379	143138	67292	75846
North Khorasan.....	26144	13092	13052	3705	2556	1149	19767	9043	10724
Khuzestan.....	156442	83556	72886	28147	18774	9373	102047	50304	51743
Zanjan	40770	21455	19315	4866	3228	1638	24895	12474	12421
Semnan.....	67170	35437	31733	6388	4164	2224	40860	20238	20622
Sistan&Baluchestan	82613	43507	39106	16372	9750	6622	53419	27070	26349
Fars.....	171128	86472	84656	26252	17290	8962	110253	51071	59182
Qazvin	64094	33520	30574	7178	4543	2635	41399	20149	21250
Qom.....	60105	30823	29282	4002	2471	1531	38690	18172	20518
Kordestan	43927	23424	20503	6014	3763	2251	29395	14858	14537
Kerman.....	110690	56282	54408	19223	12901	6322	69844	32541	37303
Kermanshah	58239	31103	27136	8509	5882	2627	38271	19398	18873
Kohgiluyeh&Boyerahmad .	29591	16968	12623	5590	3889	1701	18919	10048	8871
Golestan	63117	31740	31377	11004	6154	4850	39704	18825	20879
Gilan.....	94838	48409	46429	14858	10561	4297	62653	28931	33722
Lorestan.....	62177	32718	29459	10102	6217	3885	42783	21366	21417
Mazandaran.....	155683	81894	73789	21407	14569	6838	96372	47175	49197
Markazi	58274	31785	26489	7891	5396	2495	37505	18861	18644
Hormozgan.....	56272	30133	26139	11969	8134	3835	32526	15408	17118
Hamedan	64229	32986	31243	8883	5758	3125	42643	20620	22023
Yazd	68425	34620	33805	9944	6553	3391	41458	19623	21835

17.28. STUDENTS OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY SEX AND OSTAN (continued)

Academic year and Ostan	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380-81 ⁽²⁾	60455	42369	18086	44876	23946	20930	13123	10016	3107
1385-86 ⁽²⁾	117876	68344	49532	40907	18690	22217	22016	14691	7325
1390-91	405042	213461	191581	52973	22464	30509	47315	29308	18007
1394-95	774766	417228	357538	78015	33816	44199	115191	66670	48521
1395-96	764370	410817	353553	84429	38113	46316	140558	81338	59220
1396-97	656287	351869	304418	87947	40260	47687	141078	79302	61776
1397-98	598890	320106	278784	93335	44060	49275	152006	84365	67641
1398-99	513342	272846	240496	95412	46268	49144	147409	80186	67223
East Azarbayejan.....	27698	15246	12452	5709	3032	2677	8631	4763	3868
West Azarbayejan	10896	6080	4816	2621	1442	1179	2358	1431	927
Ardebil	5956	3259	2697	1995	960	1035	1384	709	675
Esfahan.....	33860	17002	16858	5886	2720	3166	11210	5896	5314
Alborz	11510	5333	6177	1911	900	1011	3496	1810	1686
Ilam	3995	2049	1946	896	478	418	426	188	238
Bushehr	5234	2995	2239	741	342	399	613	362	251
Tehran	154519	80145	74374	17984	8550	9434	52399	27761	24638
Chaharmahal&Bakhtiari ...	3635	1827	1808	1682	879	803	1172	603	569
South Khorasan	6301	3428	2873	1125	527	598	1257	724	533
Khorasan-e-Razavi.....	35750	19139	16611	5584	2520	3064	9508	5004	4504
North Khorasan	1955	1134	821	646	317	329	71	42	29
Khuzestan.....	17304	9815	7489	4248	2097	2151	4696	2566	2130
Zanjan	6811	3613	3198	1888	914	974	2310	1226	1084
Semnan.....	13012	7276	5736	3315	1606	1709	3595	2153	1442
Sistan&Baluchestan	8336	4407	3929	2832	1381	1451	1654	899	755
Fars.....	22441	12026	10415	6182	2978	3204	6000	3107	2893
Qazvin	12205	6814	5391	915	454	461	2397	1560	837
Qom.....	12792	7279	5513	1065	476	589	3556	2425	1131
Kordestan	5501	3018	2483	1608	953	655	1409	832	577
Kerman.....	14395	7422	6973	4163	1925	2238	3065	1493	1572
Kermanshah	7302	3718	3584	2393	1181	1212	1764	924	840
Kohgiluyeh&Boyerahmad ..	3475	2191	1284	895	431	464	712	409	303
Golestan	8357	4602	3755	1599	774	825	2453	1385	1068
Gilan.....	12123	6264	5859	2335	1106	1229	2869	1547	1322
Lorestan.....	6123	3477	2646	1768	878	890	1401	780	621
Mazandaran.....	25028	13464	11564	5844	2780	3064	7032	3906	3126
Markazi	9541	5665	3876	1134	563	571	2203	1300	903
Hormozgan.....	6902	3780	3122	1541	768	773	3334	2043	1291
Hamedan	8317	4379	3938	2261	1157	1104	2125	1072	1053
Yazd	12068	5999	6069	2646	1179	1467	2309	1266	1043

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

Source: Ministry of Science, Research and Technology.

17.29. GRADUATES OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY BROAD FIELD OF STUDY AND SEX

Academic year and broad field of study	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1379-80 ⁽²⁾	130411	72633	57778	38314	22937	15377	78251	39640	38611
1384-85	340246	168947	171299	142459	77262	65197	173689	76577	97112
1389-90 ⁽³⁾	570730	281468	219621	204871	92791	48006	312112	158603	147942
1393-94	859697	505731	353966	246044	166542	79502	479961	263882	216079
1394-95	798736	466223	332513	195685	136823	58862	456415	247203	209212
1395-96	779646	457164	322482	173727	119644	54083	429752	236725	193027
1396-97	695055	393815	301240	143584	95776	47808	373548	198958	174590
1397-98	640262	366054	274208	148744	97634	51110	338957	181423	157534
Medicine.....	37753	13305	24448	2823	1733	1090	19215	5703	13512
Humanities	316179	164813	151366	66077	37816	28261	170313	81894	88419
Basic sciences	29661	9317	20344	526	210	316	19135	5342	13793
Technical and engineering	181629	144985	36644	54150	46789	7361	93892	72498	21394
Agriculture and veterinary	22218	11710	10508	3399	2614	785	11599	5341	6258
Arts.....	52822	21924	30898	21769	8472	13297	24803	10645	14158

Academic year and broad field of study	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1379-80 ⁽²⁾	7647	5943	1704	4478	2867	1611	1721	1246	475
1384-85.....	16542	10769	5773	4845	2452	2393	2711	1887	824
1389-90 ⁽³⁾	46151	25898	20253	3584	1486	2098	4012	2690	1322
1393-94.....	120939	68906	52033	5222	2150	3072	7531	4251	3280
1394-95.....	132444	74980	57464	5803	2381	3422	8389	4836	3553
1395-96.....	159948	92388	67560	6112	2524	3588	10107	5883	4224
1396-97	158208	88993	69215	7346	3057	4289	12369	7031	5338
1397-98.....	130352	76087	54265	8356	3351	5005	13853	7559	6294
Medicine	3680	982	2698	7703	2968	4735	4332	1919	2413
Humanities.....	75439	42404	33035	0	0	0	4350	2699	1651
Basic sciences	8099	3018	5081	0	0	0	1901	747	1154
Technical and engineering	31773	24298	7475	0	0	0	1814	1400	414
Agriculture and veterinary	5366	2729	2637	653	383	270	1201	643	558
Arts	5995	2656	3339	0	0	0	255	151	104

1. Including Islamic Azad University except for the academic year 1385-86.

2. Excluding the Comprehensive University of Applied Science and Technology.

3. Statistics for the Comprehensive University of Applied Science and Technology are not presented by sex and are included in the total.

Source: Ministry of Science, Research and Technology.

**17.30. GRADUATES OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION
INSTITUTES AFFILIATED TO GOVERNMENT AGENCIES ⁽¹⁾ BY EDUCATIONAL
LEVEL AND SEX**

Academic year and university/higher education institute	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1379-80 ⁽²⁾	130411	72633	57778	38314	22937	15377	78251	39640	38611
1384-85	340246	168947	171299	142459	77262	65197	173689	76577	97112
1389-90 ⁽³⁾	570730	281468	219621	204871	92791	48006	312112	158603	147942
1393-94	859697	505731	353966	246044	166542	79502	479961	263882	216079
1394-95	798736	466223	332513	195685	136823	58862	456415	247203	209212
1395-96	779646	457164	322482	173727	119644	54083	429752	236725	193027
1396-97	695055	393815	301240	143584	95776	47808	373548	198958	174590
1397-98	640262	366054	274208	148744	97634	51110	338957	181423	157534
Universities and higher education institutes of the Ministry of Science, Research and Technology ..	101838	48693	53145	1427	792	635	57315	25172	32143
Payam-e-Noor University ..	59667	23606	36061	2060	1019	1041	48422	17735	30687
Comprehensive University of Applied Science and Technology.....	115876	79816	36060	57919	39322	18597	57938	40480	17458
Technical and Vocational University.....	49853	34069	15784	38611	25330	13281	11242	8739	2503
Farhangian (teachers) University.....	5506	3328	2178	0	0	0	5370	3260	2110
Universities and higher education institutes of the Ministry of Health and Medical Education	36582	13722	22860	2534	1682	852	17889	5931	11958
Universities and higher education institutes of other government agencies.....	5686	3991	1695	243	183	60	3441	2408	1033
Islamic Azad University.....	211406	129176	82230	37338	24643	12695	106168	61073	45095
Non-governmental and non-profit making higher education institutes.....	53848	29653	24195	8612	4663	3949	31172	16625	14547

17.30. GRADUATES OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES OF GOVERNMENT AGENCIES ⁽¹⁾ BY EDUCATIONAL LEVELS AND SEX (continued)

Academic year and university/higher education institute	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1379-80 ⁽²⁾	7647	5943	1704	4478	2867	1611	1721	1246	475
1384-85	16542	10769	5773	4845	2452	2393	2711	1887	824
1389-90 ⁽³⁾	46151	25898	20253	3584	1486	2098	4012	2690	1322
1393-94	120939	68906	52033	5222	2150	3072	7531	4251	3280
1394-95	132444	74980	57464	5803	2381	3422	8389	4836	3553
1395-96	159948	92388	67560	6112	2524	3588	10107	5883	4224
1396-97	158208	88993	69215	7346	3057	4289	12369	7031	5338
1397-98	130352	76087	54265	8356	3351	5005	13853	7559	6294
Universities and higher education institutes of the Ministry of Science, Research and Technology .	35934	18558	17376	419	240	179	6743	3931	2812
Payam-e-Noor University .	8986	4717	4269	0	0	0	199	135	64
Comprehensive University of Applied Science and Technology.....	19	14	5	0	0	0	0	0	0
Technical and Vocational University.....	0	0	0	0	0	0	0	0	0
Farhangian (teachers) University.....	136	68	68	0	0	0	0	0	0
Universities and higher education institutes of the Ministry of Health and Medical Education	4162	1185	2977	7490	2912	4578	4507	2012	2495
Universities and higher education institutes of other government agencies.....	1845	1277	568	0	0	0	157	123	34
Islamic Azad University....	65389	42029	23360	447	199	248	2064	1232	832
Non-governmental and non-profit making higher education institutes.....	13881	8239	5642	0	0	0	183	126	57

1. Including Islamic Azad University except for the academic year 1379-80.

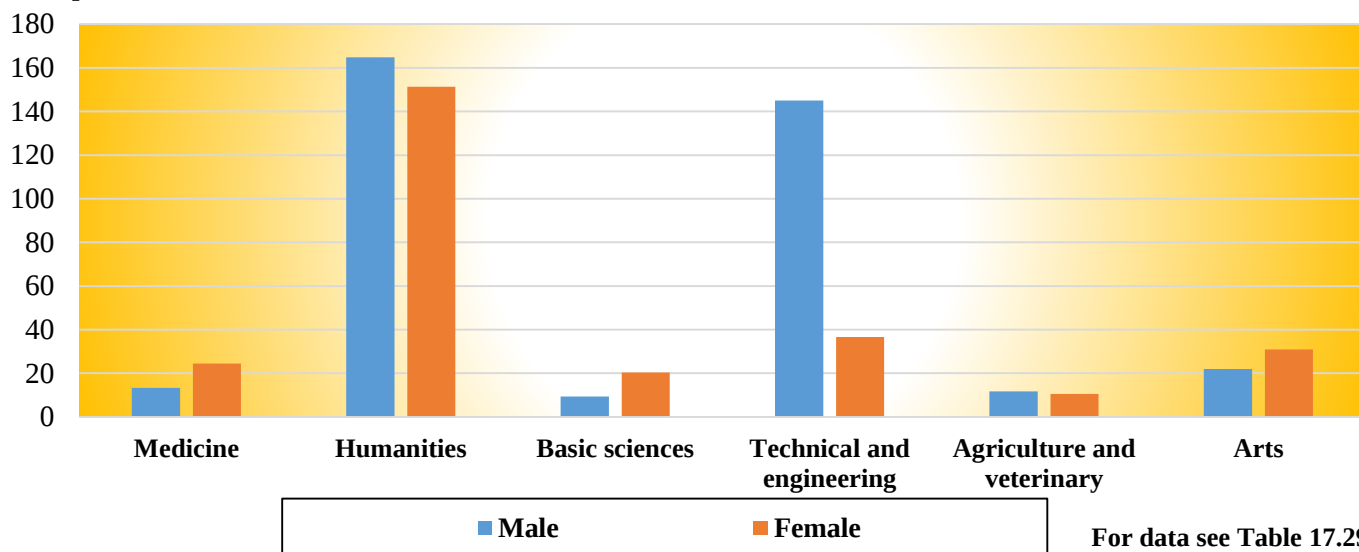
2. Excluding the Comprehensive University of Applied Science and Technology.

3. Statistics for the Comprehensive University of Applied Science and Technology are not presented by sex and are included in the total.

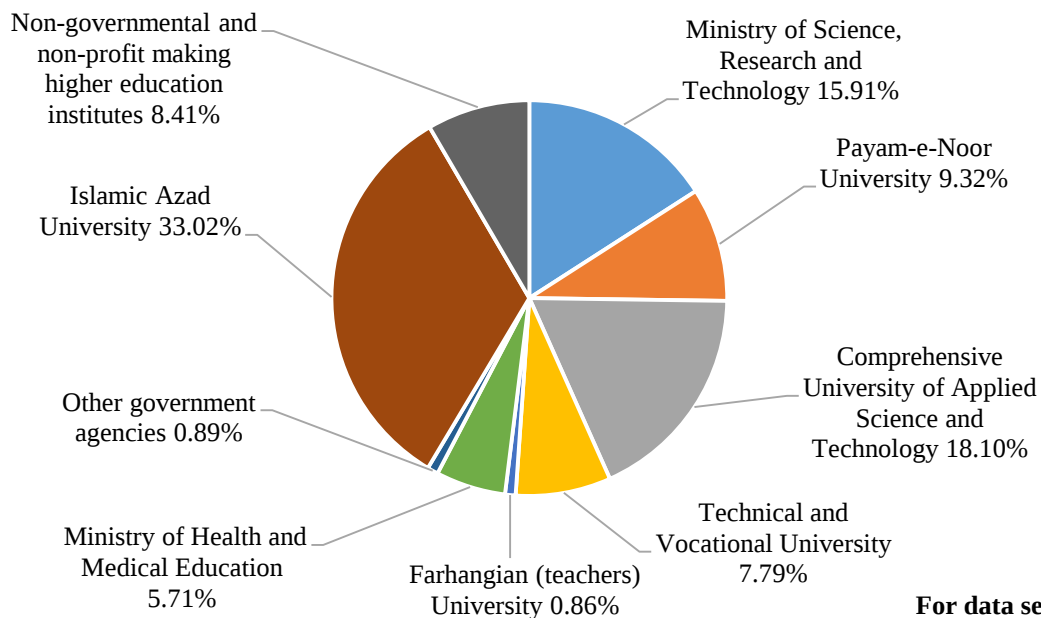
Source: Ministry of Science, Research and Technology.

17.6 GRADUATES OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES , ACADEMIC YEAR 1397-98

1000 persons



17.7. GRADUATES BY HIGHER EDUCATION INSTITUTES AFFILIATED TO GOVERNMENT AGENCIES, ACADEMIC YEAR 1397-98



17.31. GRADUATES OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY OSTAN AND SEX

Academic year and Ostan	Total			Associate's			Bachelor's		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1379-80 ⁽²⁾	130411	72633	57778	38314	22937	15377	78251	39640	38611
1384-85	340246	168947	171299	142459	77262	65197	173689	76577	97112
1389-90 ⁽³⁾	570730	281468	219621	204871	92791	48006	312112	158603	147942
1393-94	859697	505731	353966	246044	166542	79502	479961	263882	216079
1394-95	798736	466223	332513	195685	136823	58862	456415	247203	209212
1395-96	779646	457164	322482	173727	119644	54083	429752	236725	193027
1396-97	695055	393815	301240	143584	95776	47808	373548	198958	174590
1397-98	640262	366054	274208	148744	97634	51110	338957	181423	157534
East Azarbayejan.....	33915	20507	13408	7048	5094	1954	17248	9635	7613
West Azarbayejan	17700	10325	7375	4305	2959	1346	10006	5448	4558
Ardebil	10089	6369	3720	2365	1751	614	5852	3458	2394
Esfahan.....	42948	23078	19870	10795	6729	4066	22954	11391	11563
Alborz	18054	10024	8030	4759	3264	1495	9735	4955	4780
Ilam	5413	3362	2051	1335	1008	327	2978	1764	1214
Bushehr	9077	6234	2843	2746	2163	583	5022	3226	1796
Tehran	136876	75457	61419	25163	15219	9944	65832	34060	31772
Chaharmahal&Bakhtiyari ...	6927	3753	3174	2136	1215	921	3711	1932	1779
South Khorasan	7106	4162	2944	1657	1132	525	3942	2169	1773
Khorasan-e-Razavi.....	42678	23346	19332	10610	6550	4060	23172	12045	11127
North Khorasan	5616	3171	2445	1493	951	542	3521	1850	1671
Khuzestan.....	33554	19410	14144	8247	5574	2673	19594	10459	9135
Zanjan	9527	5553	3974	1912	1305	607	4887	2685	2202
Semnan.....	12226	6710	5516	1712	1032	680	6643	3473	3170
Sistan&Baluchestan	14987	8363	6624	3626	2597	1029	8690	4378	4312
Fars.....	31601	17494	14107	8419	5149	3270	16944	8821	8123
Qazvin	13817	8004	5813	2947	1865	1082	7398	4034	3364
Qom.....	11515	6657	4858	1958	1140	818	6305	3492	2813
Kordestan	8500	4908	3592	2289	1490	799	4734	2544	2190
Kerman.....	20753	11956	8797	6014	4210	1804	10797	5712	5085
Kermanshah	11968	6914	5054	2656	1756	900	6870	3862	3008
Kohgiluyeh&Boyerahmad ..	6322	4279	2043	1888	1431	457	3446	2165	1281
Golestan	11149	6492	4657	2362	1701	661	6373	3369	3004
Gilan.....	20563	11992	8571	5763	3983	1780	11311	6041	5270
Lorestan.....	12259	7556	4703	3421	2225	1196	6857	3999	2858
Mazandaran.....	35230	20712	14518	8577	5819	2758	18383	10332	8051
Markazi	13353	8263	5090	3269	2147	1122	6564	3826	2738
Hormozgan.....	10115	6151	3964	2981	2232	749	5130	2813	2317
Hamedan	12393	6888	5505	2626	1581	1045	7090	3724	3366
Yazd	14031	7964	6067	3665	2362	1303	6968	3761	3207

17.31. GRADUATES OF DIFFERENT EDUCATIONAL COURSES AT HIGHER EDUCATION INSTITUTES ⁽¹⁾ BY OSTAN AND SEX (continued)

Academic year and Ostan	Master's			Professional doctorate			Specialty doctorate		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1379-80 ⁽²⁾	7647	5943	1704	4478	2867	1611	1721	1246	475
1384-85	16542	10769	5773	4845	2452	2393	2711	1887	824
1389-90 ⁽³⁾	46151	25898	20253	3584	1486	2098	4012	2690	1322
1393-94	120939	68906	52033	5222	2150	3072	7531	4251	3280
1394-95	132444	74980	57464	5803	2381	3422	8389	4836	3553
1395-96	159948	92388	67560	6112	2524	3588	10107	5883	4224
1396-97	158208	88993	69215	7346	3057	4289	12369	7031	5338
1397-98	130352	76087	54265	8356	3351	5005	13853	7559	6294
East Azarbayejan.....	8486	5215	3271	484	218	266	649	345	304
West Azarbayejan	2903	1670	1233	266	113	153	220	135	85
Ardebil	1676	1069	607	114	48	66	82	43	39
Esfahan.....	7727	4254	3473	488	186	302	984	518	466
Alborz	2990	1486	1504	59	34	25	511	285	226
Ilam	1006	551	455	73	25	48	21	14	7
Bushehr	1210	808	402	82	30	52	17	7	10
Tehran	38578	22380	16198	1545	580	965	5758	3218	2540
Chaharmahal&Bakhtiari ..	892	506	386	119	61	58	69	39	30
South Khorasan	1360	805	555	108	37	71	39	19	20
Khorasan-e-Razavi.....	7603	4148	3455	443	175	268	850	428	422
North Khorasan	544	351	193	53	16	37	5	3	2
Khuzestan.....	4860	2985	1875	417	171	246	436	221	215
Zanjan	2368	1402	966	157	64	93	203	97	106
Semnan.....	3333	1916	1417	209	99	110	329	190	139
Sistan&Baluchestan	2120	1135	985	288	122	166	263	131	132
Fars.....	5009	2958	2051	675	284	391	554	282	272
Qazvin	3186	1953	1233	114	43	71	172	109	63
Qom.....	2820	1737	1083	78	24	54	354	264	90
Kordestan	1268	758	510	127	70	57	82	46	36
Kerman.....	3291	1789	1502	390	131	259	261	114	147
Kermanshah	1985	1075	910	219	99	120	238	122	116
Kohgiluyeh&Boyerahmad .	883	637	246	80	30	50	25	16	9
Golestan	2201	1311	890	96	51	45	117	60	57
Gilan.....	3031	1776	1255	252	94	158	206	98	108
Lorestan.....	1763	1213	550	129	65	64	89	54	35
Mazandaran.....	7286	4113	3173	463	166	297	521	282	239
Markazi	3243	2169	1074	114	40	74	163	81	82
Hormozgan.....	1669	955	714	177	61	116	158	90	68
Hamedan	2236	1374	862	225	87	138	216	122	94
Yazd	2825	1588	1237	312	127	185	261	126	135

1. Including Islamic Azad University except for the academic year 1379-80.

2. Excluding the Comprehensive University of Applied Science and Technology.

3. Statistics for the Comprehensive University of Applied Science and Technology are not presented by sex and are included in the total.

Source: Ministry of Science, Research and Technology.

17.32. PERMANENT CENTRES OF TECHNICAL AND VOCATIONAL TRAINING ORGANIZATION

Year and Ostan	Both sexes	Only men	Only women	Dual purpose
1380.....	474	236	197	41
1385.....	541	227	160	154
1390.....	595	295	156	144
1394.....	698	239	169	290
1395.....	586	209	116	261
1396 ⁽¹⁾	586	209	116	261
1397 ⁽²⁾	637	204	131	302
1398.....	633	205	125	303
East Azarbayejan.....	24	7	0	17
West Azarbayejan	20	5	4	11
Ardebil	24	7	4	13
Esfahan.....	50	12	11	27
Alborz	7	0	1	6
Ilam	13	2	2	9
Bushehr	15	5	3	7
Tehran	27	16	5	6
Chaharmahal&Bakhtiari	18	8	5	5
South Khorasan	17	5	3	9
Khorasan-e-Razavi.....	43	12	8	23
North Khorasan	10	3	0	7
Khuzestan	39	19	8	12
Zanjan	14	1	3	10
Semnan.....	14	6	6	2
Sistan&Baluchestan	23	10	9	4
Fars	43	23	12	8
Qazvin	11	4	3	4
Qom	7	2	3	2
Kordestan	12	4	1	7
Kerman	25	9	1	15
Kermanshah	21	2	2	17
Kohgiluyeh&Boyerahmad	11	4	3	4
Golestan	18	1	2	15
Gilan.....	20	0	2	18
Lorestan.....	17	8	5	4
Mazandaran.....	20	6	1	13
Markazi	21	9	7	5
Hormozgan.....	12	1	1	10
Hamedan	21	11	7	3
Yazd	16	3	3	10

1. Revised figures.

2. In the year 1397, the statistics for the permanent centres of the Technical and Vocational Training Organization include the permanent centres and urban branches (government centres).

Sources: Ministry of Cooperatives, Labour, and Social Welfare.

Technical and Vocational Training Organization.

17.33. PERMANENT AND CONTRACTUAL INSTRUCTORS IN THE PERMANENT CENTRES OF TECHNICAL AND VOCATIONAL TRAINING ORGANIZATION

Year and Ostan	Both sexes	Male	Female
1380.....	1768	1602	166
1385.....	1549	1458	91
1390.....	1981	1789	192
1394.....	2129	1949	180
1395.....	4224	2837	1387
1396 ⁽¹⁾	6290	4143	2147
1397 ⁽²⁾	6155	4162	1993
1398.....	5160	3262	1898
East Azarbayejan.....	227	171	56
West Azarbayejan	188	107	81
Ardebil	132	65	67
Esfahan.....	360	181	179
Alborz	104	67	37
Ilam	127	71	56
Bushehr	94	63	31
Tehran	241	179	62
Chaharmahal&Bakhtiari	101	59	42
South Khorasan	108	56	52
Khorasan-e-Razavi.....	396	262	134
North Khorasan	66	50	16
Khuzestan	287	178	109
Zanjan	133	64	69
Semnan.....	131	74	57
Sistan&Baluchestan	165	84	81
Fars	313	208	105
Qazvin	72	48	24
Qom	45	26	19
Kordestan	97	75	22
Kerman	242	173	69
Kermanshah	116	85	31
Kohgiluyeh&Boyerahmad	127	59	68
Golestan	138	98	40
Gilan.....	193	153	40
Lorestan.....	151	116	35
Mazandaran.....	214	165	49
Markazi	141	82	59
Hormozgan.....	95	62	33
Hamedan	162	97	65
Yazd	194	84	110

1. Revised figures..

2. In the year 1397, the statistics of the permanent and contractual instructors of the Technical and Vocational Training Organization include the permanent centres and urban branches.

Sources: Ministry of Cooperatives, Labour, and Social Welfare.
Technical and Vocational Training Organization.

17.34. TRAINING COURSES HELD IN PERMANENT CENTRES OF TECHNICAL AND VOCATIONAL TRAINING ORGANIZATION BY BROAD FIELD OF EDUCATION AND SEX

year and Ostan	Total			Industry			Services		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1380.....	000	000	000	000	000	000	000	000	000
1385.....	000	000	000	000	000	000	000	000	000
1390.....	000	000	000	000	000	000	000	000	000
1394.....	376248	233198	143050	216127	191393	24734	89818	26403	63415
1395.....	823870	517594	306276	385171	345751	39420	254411	110231	144180
1396 ⁽¹⁾	964937	636769	328168	452218	412919	39299	319111	156154	162957
1397 ^(2,3)	994962	680140	314822	473953	440294	33659	296316	143285	153031
1398.....	900753	610976	289777	416209	388557	27652	307128	162362	144766
East Azarbayejan.....	34381	26250	8131	18367	17450	917	11686	6255	5431
West Azarbayejan	25740	15841	9899	9297	9061	236	10408	4024	6384
Ardebil	14663	9738	4925	7634	6756	878	4074	1480	2594
Esfahan.....	86250	54701	31549	33521	30742	2779	35484	18152	17332
Alborz	19562	12779	6783	8493	7394	1099	6630	3677	2953
Ilam	12705	7224	5481	5223	4493	730	4021	1861	2160
Bushehr	27409	18262	9147	9883	9328	555	13454	7890	5564
Tehran	65056	56018	9038	28188	26968	1220	31055	26166	4889
Chaharmahal&Bakhtiari	14767	9507	5260	7617	7195	422	3446	1522	1924
South Khorasan	23133	13681	9452	10863	10376	487	7126	2732	4394
Khorasan-e-Razavi.....	59818	40171	19647	25589	23978	1611	21219	11001	10218
North Khorasan	10676	7897	2779	6498	5948	550	2780	1333	1447
Khuzestan.....	49680	32696	16984	24673	22928	1745	15511	7330	8181
Zanjan	22454	12558	9896	9628	8558	1070	8754	2867	5887
Semnan.....	21545	13643	7902	6938	6725	213	10385	5599	4786
Sistan&Baluchestan	27659	15165	12494	11150	10861	289	10189	3325	6864
Fars.....	64687	44052	20635	31307	28077	3230	19555	10565	8990
Qazvin	14659	10929	3730	6872	6654	218	6003	3617	2386
Qom.....	12532	8334	4198	4766	4536	230	4755	2891	1864
Kordestan	17061	12989	4072	9865	9549	316	4266	2524	1742
Kerman.....	37730	25838	11892	19458	18512	946	9610	5051	4559
Kermanshah	19520	14327	5193	10906	9828	1078	5205	3041	2164
Kohgiluyeh&Boyerahmad	10431	5628	4803	4013	3809	204	3449	1233	2216
Golestan	32367	23096	9271	17762	16776	986	5525	3205	2320
Gilan.....	28099	21597	6502	16202	15177	1025	6449	3966	2483
Lorestan.....	17464	11966	5498	8954	8084	870	4527	2324	2203
Mazandaran.....	33601	24895	8706	19191	17894	1297	7659	3726	3933
Markazi	22410	15376	7034	10273	9278	995	7338	4291	3047
Hormozgan.....	18018	13314	4704	10228	10099	129	4012	2122	1890
Hamedan	30321	18875	11446	13048	12268	780	10899	4721	6178
Yazd	26355	13629	12726	9802	9255	547	11654	3871	7783

17.34. TRAINING COURSES HELD IN PERMANENT CENTRES OF TECHNICAL AND VOCATIONAL TRAINING ORGANIZATION BY BROAD FIELD OF EDUCATION AND SEX (continued)

Year and Ostan	Agriculture			Culture and art		
	Both sexes	Male	Female	Both sexes	Male	Female
1380.....	000	000	000	000	000	000
1385.....	000	000	000	000	000	000
1390.....	000	000	000	000	000	000
1394.....	30311	12719	17592	39992	2683	37309
1395.....	98197	54425	43772	86091	7187	78904
1396 ⁽¹⁾	92846	58460	34386	100762	9236	91526
1397 ^(2,3)	90417	58850	31567	134276	37711	96565
1398.....	75795	48656	27139	101621	11401	90220
East Azarbayejan.....	2506	1890	616	1822	655	1167
West Azarbayejan	3368	2445	923	2667	311	2356
Ardebil	1396	1323	73	1559	179	1380
Esfahan.....	6254	4153	2101	10991	1654	9337
Alborz	2761	1511	1250	1678	197	1481
Ilam	1228	597	631	2233	273	1960
Bushehr	1569	653	916	2503	391	2112
Tehran	1772	1620	152	4041	1264	2777
Chaharmahal&Bakhtiari ...	1359	679	680	2345	111	2234
South Khorasan.....	854	396	458	4290	177	4113
Khorasan-e-Razavi.....	6017	4325	1692	6993	867	6126
North Khorasan	1042	602	440	356	14	342
Khuzestan.....	3044	1841	1203	6452	597	5855
Zanjan	1488	1004	484	2584	129	2455
Semnan.....	1696	1172	524	2526	147	2379
Sistan&Baluchestan	1395	823	572	4925	156	4769
Fars.....	7834	4712	3122	5991	698	5293
Qazvin	667	534	133	1117	124	993
Qom.....	1197	757	440	1814	150	1664
Kordestan	764	764	0	2166	152	2014
Kerman.....	2939	1753	1186	5723	522	5201
Kermanshah	1880	1415	465	1529	43	1486
Kohgiluyeh&Boyerahmad ..	988	497	491	1981	89	1892
Golestan	6186	2945	3241	2894	170	2724
Gilan.....	3523	2174	1349	1925	280	1645
Lorestan.....	1318	1197	121	2665	361	2304
Mazandaran.....	4609	2899	1710	2142	376	1766
Markazi	1426	1226	200	3373	581	2792
Hormozgan.....	2529	898	1631	1249	195	1054
Hamedan	1867	1662	205	4507	224	4283
Yazd	319	189	130	4580	314	4266

1. Revised figures.

2. In the year 1397, statistics for the training courses held by the Technical and Vocational Training Organization, is included in permanent centres and urban branches.

Sources: Ministry of Cooperatives, Labour, and Social Welfare.

-Technical and Vocational Training Organization.