

Introduction

This chapter presents data on manpower engaged in the Ministry of Health and Medical Education (government sector), manpower working in the Veterinary sector, and health and medical equipment and facilities of the government and private sectors affiliated with the Ministry of Health and Medical Education and Iran Veterinary Organization. Moreover, included in this chapter is the information on blood products produced and distributed to the medical centers. The collection of statistical information on the health and medical activities of the country was first started by the former Ministry of Health in the year 1335 and continued till the year 1364 by the Ministry.

By merging Medical Sciences universities and their affiliated hospitals in the year 1364, the former Ministry of Health was renamed "Ministry of Health and Medical Education" with a new organization and was tasked with collecting and providing statistics on health activities. Since then, the Ministry has regularly produced related statistics.

Statistics on physicians engaged in the private sector are, at present, produced by the Organization for Medical Discipline, but due to some obstacles and problems in presenting updated statistics, these data have not been included in the Statistical Yearbook yet.

Definitions and concepts

Physician: This refers to the person who has completed their medical education in one of the universities within the country or abroad, and received their MD degrees approved by the Ministry of Health and Medical Education. Statistics for physicians also include general practitioners, dentists, pharmacists, doctors of medical laboratory science, Ph.D. specialist, and subspecialists.

Dentistry: This refers to orthodontics, endodontics, oral and dental pathology, maxillofacial diseases, maxillofacial pathology, prosthodontics, periodontics, oral maxillofacial surgery, tooth treatment, and children's tooth disorders.

Pharmacology: This refers to the pharmacy, industrial pharmacy, pharmacology, pharmaceuticals, and pharmacognosy.

Paramedic: This refers to the non-physicians engaged in the areas of health and treatment.

Health attendant (health aid): This is the workforce (male and female who work in an operating health home and is responsible for providing primary health care services. He/she must be a native resident with at least a diploma degree in one of the villages covered by the health home and has passed practical and theoretical courses (internship) in this field. The maximum age

for the holders of a high school diploma is 26 and for the holders of an associate's degree is 28.

Hospital: It is a place that is established under the authorization of the Ministry of Health and Medical Education and enjoys diagnostic, medical, health, educational, and research facilities for medical treatment of outpatients and inpatients round-the-clock.

Operating hospital: It is a hospital that admits outpatients and inpatients round-the-clock.

Licensed bed: It is the bed that the hospital is authorized to have and use based on the authorization of the government and the latest obtained license, according to which it must have an official license. A licensed bed should also be considered in the rating of the hospital beds. The number of licensed beds is not necessarily as many as the number of active hospital beds.

Available (active) bed:

Intensive Care Unit (ICU): It is one of the specialized wards of the hospital, which is responsible for the treatment and care of critically ill patients or the ones exposed to serious and dangerous injuries, based on scientific standards and using medical specialists, nursing staff and all equipment, facilities, medical technology, and necessary drugs.

Coronary Care Unit (CCU): It is one of the specialized wards of the hospital in which the patients with severe cardiac complications are treated and cared for according to scientific standards and using medical specialists, nursing staff, and all equipment, facilities, medical technology, and necessary drugs.

Neonatal Intensive Care Unit (NICU): It is one of the specialized wards of the hospital that provides

advanced supportive care for newborn infants (0 to 28 days) with multiple organ dysfunction syndromes (MODS) or for babies with a weight of fewer than 1500 grams or for gestational age less than 32 weeks and babies with respiratory distress syndrome, according to the scientific standards using medical specialists, nursing staff and all equipment, facilities and medical technology.

Health care: This refers to the services provided by health services professionals or staff to promote, maintain, monitor, and restore the health of members of the community (society). Health care is a public right and the government is responsible for providing these services to the people equally.

Primary Health Care Centre: This is a centre that provides the necessary health care using scientific and practical methods and technology and is at the first level of contact with individuals, families, and society in the health system. In terms of cost to society and the country at each stage of development, it is cost-effective and affordable for the community and the country at every stage of development.

Comprehensive Health Services Centre: It is a centre that is established in urban and rural areas. The services, which are provided at this centre, include general medical services, consulting nurse for mental health, consultation for nutrition and diet therapy, dentistry, laboratory services, radiology, environmental and occupational health, and monitoring of the health care provided in the affiliated units, including the health station and the active health home. The staff of the Comprehensive Health Services Centre includes physicians, nurses, dentists, mental health experts, nutritionists, environmental and occupational health experts, and

experts in laboratory sciences and radiology as needed. The average population covered by the Comprehensive Urban Health Services Centre is 35,000 persons and the Comprehensive Rural Health Services Centre is 4,000 persons.

Health Station (urban attached and non-attached): It is a unit under the Comprehensive Urban Health Services, and in some cases under Rural Health Services Centre at which the services available include health care only and are provided by a health attendant (equivalent to health aid at a health home).

Active Health Home: It refers to the unit that is located in villages with an average population of 1,500 persons in the main village and satellite villages (covered villages) and provides health care by health attendants (man and woman) and the services provided at this place are registered in the electronic health system.

Maternity Facility Unit: This is a unit in the subdivision of the Comprehensive Urban or Rural Health Services Centre, which provides natural childbirth services and care, during and after childbirth by the midwife at this place.

Medical Diagnostic Laboratory: It is a place permitted by the Ministry of Health and Medical Education where various samples of the human body are tested with the aim of obtaining information for diagnosis, prevention, treatment continuation, or for a health checkup. It includes two types: clinical and anatomical. At this place, tests such as hematology, microbiology, serology, biology, immunology, biophysics, cytology, pathology, cellular and molecular genetics, histology, and others are carried out.

Comprehensive Medical Rehabilitation Centre: It is a centre that, after obtaining the necessary licenses and permits within the framework of relevant regulations, provides comprehensive rehabilitation services at all levels of the health system in various physical, psychological (mental), and social dimensions on an outpatient and daily basis by the rehabilitation team. The six fields of study on rehabilitation include work therapy, physiotherapy, speech therapy, audiometry, optometry, and technical orthopedics.

Nuclear Medical Centre: It is a centre that independently or as part of medical institutions such as hospitals, clinics, etc., provides specialized diagnostic and medical services by obtaining the necessary permits from the relevant authorities (agreement in principle, operating permit, and establishment permit from the Ministry of Health and Medical Education and permit for working with radiation from the centre of the country's Nuclear Safety System) and uses nuclear medical knowledge and open radiation sources.

Pharmacy: It is a place licensed by the Ministry of Health and Medical Education that, with a qualified technical manager, provides pharmaceutical services and health-oriented products such as medicine, powdered milk, dietary supplements, infant complementary foods, disposable medical supplies and authorized cosmetic products.

General Clinic: This is a place that admits outpatients for treatment round-the-clock and has at least 3 general practitioners and specialists.

Specialized Clinic: This is a place that is established in accordance with the rules and regulations of the Ministry of Health and Medical Education and provides diagnostic and therapeutic

services in one of the medical specialties (such as cardiovascular specialized clinic) or diagnosis and treatment of one or more specific diseases (such as a diabetes specialty clinic), with the presence of specialists in various fields.

Pre-hospital emergency medical services station:

This is a station where a set of emergency medical services and skills in case of an emergency, such as an accident, severe disease, and natural or man-made phenomena are provided in the form of the national medical emergency network system before the patient or injured person arrives at the hospital. These services are provided by the urban and road emergency stations.

Urban emergency station: This is an emergency station that is established in the centres of sub-provinces, Shahr (cities) with university or faculty of medical sciences and health services, and cities with a population of more than 50000 persons which are connected to the message centre and the communication and operation command centre of the emergency station.

Road Emergency Station: This is an emergency station that is established on busy or accident-prone roads and in cities' entrance/departure points with a population of less than 50,000 and is in contact with the communication centre or the message centre of the emergency station.

Blood products: They include dense red blood cell products, plasma products, and platelet products.

Dense red blood cell products: They include dense red blood cells with additive solution, frozen dense red blood cells, irradiated dense red blood cells, low leukocyte dense red blood cells, washed dense red blood cells, dense red blood cell apheresis, and low leukocyte dense red blood cell apheresis.

Plasma products: They include frozen plasma within 24 hours after donation, cryo-free plasma and cryoprecipitate precipitate.

Platelet products: They include fused (integrated) platelets, low leukocyte fused (integrated) platelets, and plateletpheresis.

Dense red blood cells: These kinds of blood cells are obtained after extracting most of the plasma from centrifuged whole blood. The final hematocrit of the prepared product should be less than 80% in the absence of any additive solution. Depending on the type of preservative and additive, it can be stored at 2-6 °C for 21 to 42 days. This product can be also stored frozen for a long time in the presence of cold protection materials.

Fresh frozen plasma: This refers to the plasma that has reached a temperature under which unstable protein activity is maintained during the freezing process. This product is obtained from whole blood or the plasmapheresis method. Plasma is isolated and frozen from whole blood in the first 6-8 hours after donation according to the type of anticoagulant. To maintain heat-sensitive coagulation factors, it is essential that the transport temperature of the blood units or plasma received from the blood collection site to the processing centre, the time from collection to freezing depending on the type of anticoagulant, the time duration between the separation of plasma from whole blood to its freezing, duration and temperature of the freezing process and storage temperature of frozen plasma should be controlled and in accordance with the written standards. This product can be used for 12 months when stored at -20 to -25 degrees Celsius and lasts for 24 months at temperatures below or equal to -25 to -64 degrees

Celsius. From this product, other products can be obtained, including cryo-sediment, various coagulation factors, and immunoglobulins.

Platelet concentrates: They are the products in which platelets are the main cellular components. This product is made from whole blood or platelet apheresis. This product can be stored for up to 5 days at a temperature of 20-24° degrees Celsius and with gentle and continuous shaking.

Whole blood donation: This is the process of receiving whole blood from blood donation volunteers in compliance with (by observing) all the criteria approved by the Iranian Blood Transfusion Organization.

Blood donor: This refers to a person who voluntarily visits one of the blood transfusion centres, stations or mobile blood donation teams in the country for blood donation.

Frequent blood donor: This refers to a blood donor whose time interval of blood donation with the last blood drawing is less than 12 months.

Infrequent blood donor: This refers to a blood donor whose time interval of blood donation with the last blood drawing is more than 12 months.

Selected information

In the year 1400, the University of Medical Science employed 52050 physicians and 311121 paramedics. Out of these, 17433, 4683, 304, 2623,

17967, 2553, and 6497 were general practitioners, dentists, doctors of medical laboratory sciences, pharmacists, specialists, sub-specialists, and professional doctors, respectively.

In the year 1400, there were 1020 hospitals, out of which 705 were run by the state, and the 315 ones were operated by the private sector.

In the year 1400, the total number of hospital beds in the country was 161555, out of which 141607 were active and available (active) for use.

In the year 1400, there were 5881 operating healthcare and medical centers, 5535 healthcare stations, and 17821 health homes.

In the year 1400, there were 4808 medical and genetic diagnostic laboratories, out of which 4680 were medical diagnostic laboratories, and 128 were genetic diagnostic laboratories. Additionally, the total number of operating pharmacies was 13052.

In the same year, there were also 2863 pre-hospital emergency stations in the country, out of which 1135 and 1728 stations were urban (39.6%) and road (60.4%) stations, respectively.

Furthermore, it is estimated that a total of 2520330 blood donors visited the blood centres and donated 2034786 units of blood in the same year.

There were 2330 veterinarian pharmacies, 1441 livestock vaccination centres, and 2058 private veterinarian clinics in the year 1400.

18.1. EMPLOYEES IN THE MEDICAL SCIENCES UNIVERSITIES BY OCCUPATION GROUP

Year and Ostan	Total	Physicians ⁽¹⁾	Paramedics	Other employees ⁽²⁾
1385 ⁽³⁾	321544	29937	173076	118531
1390.....	361627	32493	215950	113184
1395.....	434511	46852	262845	124814
1396.....	452386	48330	274515	129541
1397.....	450471	48806	282183	119482
1398 ⁽⁴⁾	450225	50212	280821	119192
1399 ⁽⁵⁾	459050	52968	285834	120248
1400⁽⁶⁾	485371	52050	311121	122200
East Azarbayejan	22951	2656	14725	5570
West Azarbayejan	21004	1917	13998	5089
Ardebil	9212	1019	6166	2027
Esfahan.....	29256	3904	18084	7268
Alborz	9732	1437	6583	1712
Ilam	6051	620	4205	1226
Bushehr	7814	787	5043	1984
Tehran	30224	3889	17603	8732
Chaharmahal&Bakhtiari	8549	962	5772	1815
South Khorasan	6989	735	4707	1547
Khorasan-e-Razavi.....	38681	3754	25982	8945
North Khorasan.....	1190	85	590	515
Khuzestan.....	35318	3260	21034	11024
Zanjan	8452	940	5464	2048
Semnan.....	7050	989	3823	2238
Sistan&Baluchestan	19213	1675	12903	4635
Fars.....	37157	3684	23788	9685
Qazvin.....	7884	872	4781	2231
Qom.....	5729	580	3776	1373
Kordestan	9980	999	7290	1691
Kerman.....	22721	2253	14419	6049
Kermanshah	17898	1582	11755	4561
Kohgiluyeh&Boyerahmad.....	7199	677	4823	1699
Golestan	14568	1638	10000	2930
Gilan.....	17085	2180	10889	4016
Lorestan.....	12926	1158	9189	2579
Mazandaran.....	27344	2909	16814	7621
Markazi	9481	1045	5317	3119
Hormozgan.....	11557	1125	7462	2970
Hamedan	12505	1387	8275	2843
Yazd	9651	1332	5861	2458

1. Including all medicine groups such as professional doctorates too

2. Including those people not included in physicians and paramedics whether logistic or services personnel etc.

3. Excluding the statistics for Ahvaz and Behbahan Medical Science Universities.

4. Excluding statistics related to Khoy University.

5. Excluding statistics related to Hamedan, Khomeyn and Gonabad Medical Science Universities.

6. Excluding statistics related to Tehran and North Khorasan (Bojnurd) Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.2. PHYSICIANS AND PROFESSIONAL DOCTORATE EMPLOYED IN THE MEDICAL SCIENCES UNIVERSITIES BY FIELD AND TYPE OF SPECIALITY

Year and Ostan	Grand total	General practitioner	Dentist	Doctorate in laboratory sciences	Pharmacist	Specialist	Sub-specialist	Professional doctorate
1385.....	29937	13485	2786	000	1327	12258	000	000
1390.....	32493	14901	3625	000	1731	000	000	000
1395 ⁽¹⁾	46852	15868	4145	374	2016	17452	2467	4530
1396.....	48330	16579	4270	265	1987	17725	2629	4875
1397.....	48806	16130	5222	340	2406	16530	2626	5552
1398 ⁽²⁾	50212	16316	5221	359	2446	17090	2679	6101
1399 ⁽³⁾	52968	16839	5215	304	2561	18342	2917	6790
1400⁽⁴⁾.....	52050	17423	4683	304	2623	17967	2553	6497
East Azarbayejan.....	2656	839	190	7	141	858	162	459
West Azarbayejan	1917	767	154	21	108	615	62	190
Ardebil	1019	343	109	4	51	323	51	138
Esfahan.....	3904	1244	349	49	218	1380	212	452
Alborz	1437	527	111	7	118	492	75	107
Ilam	620	206	72	5	20	175	28	114
Bushehr	787	244	85	2	28	288	35	105
Tehran	3889	893	275	14	277	1732	271	427
Chaharmahal&Bakhtiyari ...	962	365	96	10	34	271	50	136
South Khorasan	735	222	72	0	39	270	20	112
Khorasan-e-Razavi.....	3754	1186	337	13	200	1325	199	494
North Khorasan	85	25	11	0	4	35	0	10
Khuzestan.....	3260	1123	216	31	148	1223	162	357
Zanjan	940	250	112	8	39	274	64	193
Semnan.....	989	376	119	9	15	287	53	130
Sistan&Baluchestan	1675	770	178	13	61	445	61	147
Fars.....	3684	1175	238	17	169	1359	186	540
Qazvin.	872	307	123	12	26	266	53	85
Qom	580	134	72	0	24	210	64	76
Kordestan.	999	319	42	15	31	448	58	86
Kerman	2253	699	246	10	106	694	94	404
Kermanshah	1582	597	153	1	109	419	60	243
Kohgiluyeh&Boyerahmad ..	677	221	73	8	24	235	23	93
Golestan	1638	587	178	10	68	582	34	179
Gilan	2180	795	231	13	135	824	96	86
Lorestan	1158	431	91	1	67	376	43	149
Mazandaran	2909	1093	284	5	129	963	108	327
Markazi	1045	369	90	7	61	372	46	100
Hormozgan	1125	457	79	0	43	381	60	105
Hamedan	1387	453	155	8	62	406	48	255
Yazd	1332	406	142	4	68	439	75	198

1. Excluding the statistics for Ahvaz and Behbahan Medical Science Universities.

2. Excluding statistics related to Khoy University.

3. Excluding statistics related to Hamedan, Khomeyn and Gonabad Medical Science Universities.

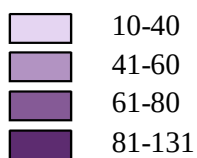
4. Excluding statistics related to Tehran and North Khorasan (Bojnurd) Medical Science Universities.

Source: Ministry of Health, Treatment and Medical Education.

18.1. Number of Physicians per 100000 Population, the Year 1400



For data see Table 18.2 and 3.2.



18.3. PARAMEDICS EMPLOYED IN THE MEDICAL SCIENCES UNIVERSITIES BY FIELD AND TYPE OF SPECIALITY

Year and Ostan	Grand total	Professional nurse holding B.S. or higher degree	Nurse holding associate's degree	Operating room technician with associate's /bachelor's degree	Nurse anesthetist with associate's /bachelor's degree
1385	173076	000	000	3671	000
1390	215950	59490	000	5226	4395
1394	238869	73795	414	6168	5268
1395	262845	83355	480	6271	5146
1396	274515	90544	351	6567	5388
1397	282183	92792	357	9456	8184
1398 ⁽¹⁾	280821	93663	324	9797	8340
1399 ⁽²⁾	285834	98842	420	10626	9079
1400⁽³⁾	311121	106646	423	12072	10266
East Azarbayejan	14725	4708	6	393	332
West Azarbayejan.....	13998	4911	21	469	376
Ardebil	6166	2147	0	212	194
Esfahan	18084	7254	23	686	666
Alborz	6583	2437	0	227	234
Ilam	4205	1124	0	164	139
Bushehr	5043	1197	000	188	212
Tehran	17603	6778	252	911	742
Chaharmahal&Bakhtiyari...	5772	1874	2	226	167
South Khorasan.....	4707	1559	4	168	132
Khorasan-e-Razavi.	25982	9592	20	1045	801
North Khorasan.....	590	231	0	25	19
Khuzestan	21034	5662	21	802	671
Zanjan	5464	1731	0	204	168
Semnan	3823	1562	2	187	176
Sistan&Baluchestan	12903	2716	5	562	474
Fars	23788	8702	13	976	795
Qazvin.....	4781	1608	3	168	169
Qom	3776	1667	0	174	160
Kordestan.....	7290	2723	3	316	254
Kerman	14419	4339	3	469	452
Kermanshah	11755	4130	0	483	372
Kohgiluyeh&Boyerahmad...	4823	1643	0	163	140
Golestan	10000	3872	14	309	312
Gilan	10889	4006	13	370	322
Lorestan	9189	3168	1	342	367
Mazandaran	16814	6895	15	721	535
Markazi	5317	1885	0	207	194
Hormozgan	7462	1847	1	213	129
Hamedan	8275	2653	1	394	302
Yazd	5861	2025	0	298	260

**18.3. PARAMEDICS EMPLOYED IN THE MEDICAL SCIENCES UNIVERSITIES BY FIELD
AND TYPE OF SPECIALITY (continued)**

Year and Ostan	Health worker	Health attendant	Midwife	Other paramedics
1385.....	000	27620	10555	000
1390.....	20007	28691	16429	81712
1394.....	10713	30131	21068	91312
1395.....	11657	30868	23753	101315
1396.....	11563	29782	26000	104320
1397.....	10302	30259	25207	105626
1398 ⁽¹⁾	9766	30090	24859	103982
1399 ⁽²⁾	9861	28124	25011	103871
1400⁽³⁾.....	9098	28735	27141	116740
East Azarbayejan	800	1624	1313	5549
West Azarbayejan	269	1494	1532	4926
Ardebil	56	774	501	2282
Esfahan.....	332	1047	1492	6584
Alborz	384	177	316	2808
Ilam	84	320	337	2037
Bushehr	391	393	667	1995
Tehran	223	327	1041	7329
Chaharmahal&Bakhtiari	151	520	558	2274
South Khorasan	73	468	342	1961
Khorasan-e-Razavi.....	235	2230	1893	10166
North Khorasan	1	94	73	147
Khuzestan.....	1008	1787	2218	8865
Zanjan	147	637	540	2037
Semnan.....	72	210	305	1309
Sistan&Baluchestan	990	1829	1450	4877
Fars.....	1222	1927	1726	8427
Qazvin.	78	422	426	1907
Qom	74	86	270	1345
Kordestan	187	818	689	2300
Kerman	644	1479	1515	5518
Kermanshah	224	1026	762	4758
Kohgiluyeh&Boyerahmad	124	503	429	1821
Golestan	33	1163	1143	3154
Gilan	157	1544	935	3542
Lorestan	37	966	774	3534
Mazandaran	283	2009	1555	4801
Markazi	120	642	552	1717
Hormozgan	167	1077	635	3393
Hamedan	401	903	651	2970
Yazd	131	239	501	2407

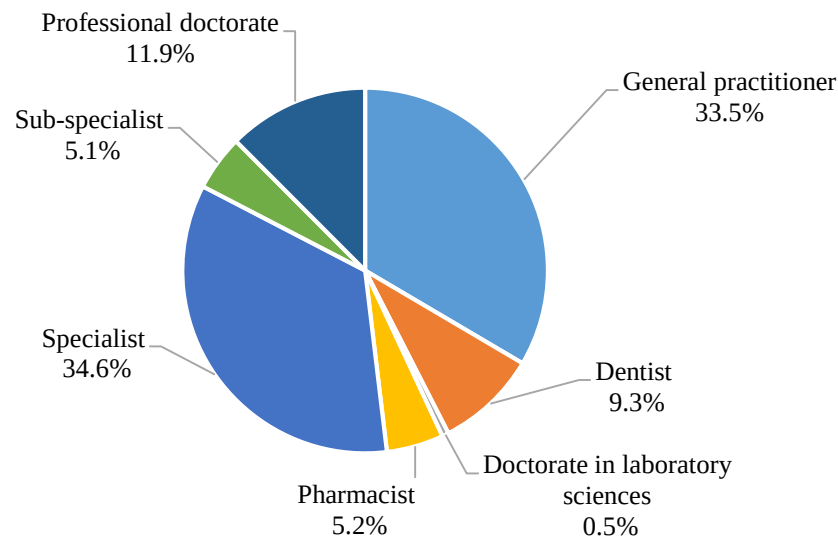
1. Excluding statistics for Khoy University.

2. Excluding statistics related to Hamedan, Khomeyn and Gonabad Medical Science Universities.

3. Excluding statistics related to Tehran and North Khorasan (Bojnurd) Medical Science Universities.

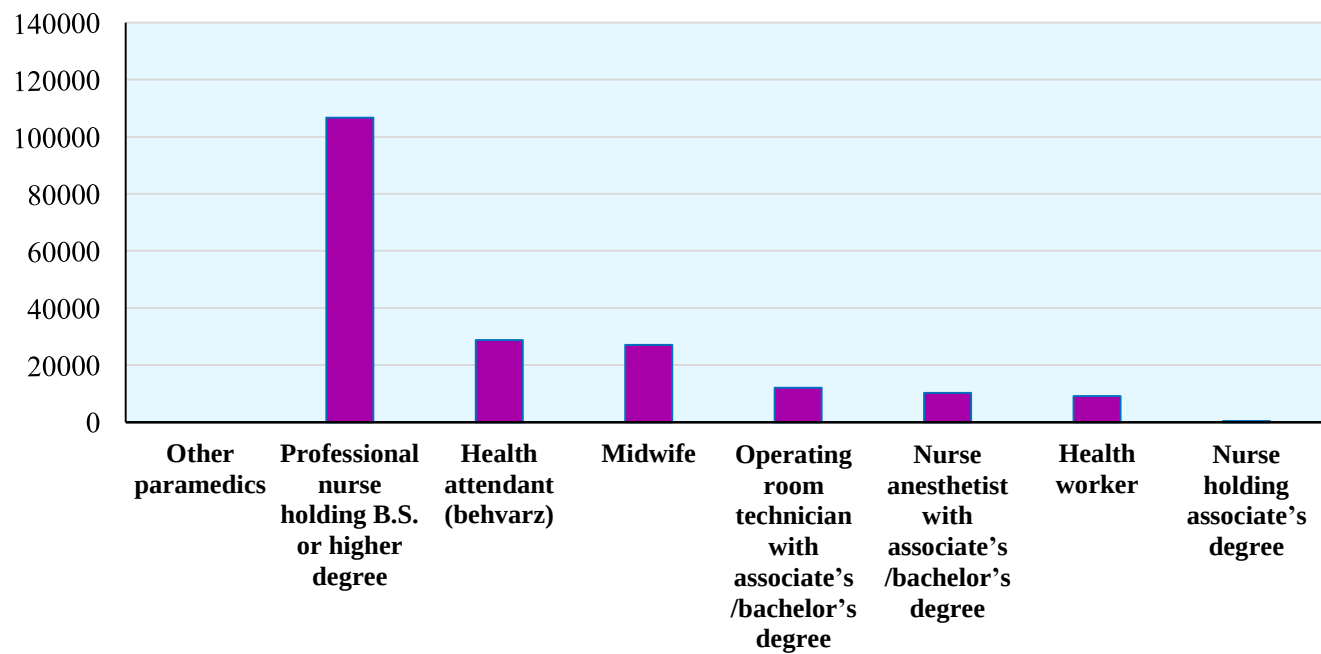
Source: Ministry of Health and Medical Education.

18.2. Distribution of physicians Employed in the Ministry of Health and Medical Education by Field of Speciality, the Year 1400



For Data See Table 18.2.

18.3. Paramedics Employed in the Medical Sciences Universities by Field And Type of Speciality, the Year 1400



For Data See Table 18.3.

18.4. NUMBER OF ACTIVE HOSPITALS AND LICENCED BEDS BY TYPE OF AFFILIATION

Year and Ostan	Grand total		State-run			
	Hospital	Licensed bed	Medical Science University		Other public institutions and organizations ⁽¹⁾	
			Hospital	Licensed bed	Hospital	Licensed bed
1385	000	000	000	000	000	000
1390	000	000	000	000	000	000
1395	954	157303	594	107403	97	13965
1396	968	161230	602	110617	95	14485
1397	1016	166543	629	112683	69	11533
1398	1038	161218	648	109444	72	9796
1399	1032	161377	641	110025	62	9239
1400⁽⁴⁾	1020	161555	641	112081	64	9444
East Azarbayejan	46	7847	32	5910	0	0
West Azarbayejan.....	37	6157	27	5038	2	260
Ardebil	18	2645	13	2155	0	0
Esfahan.	68	10395	46	7138	2	500
Alborz	18	3350	11	2141	0	0
Ilam	12	1150	9	1001	0	0
Bushehr.....	19	1811	10	1245	6	292
Tehran	149	29310	42	11797	21	4913
Chaharmahal&Bakhtiyari.....	12	1485	10	1187	0	0
South Khorasan.....	17	1697	14	1456	1	55
Khorasan-e-Razavi	71	13165	47	10031	4	351
North Khorasan.....	12	1428	10	1428	1	0
Khuzestan	61	9601	37	6402	10	1711
Zanjan	14	1922	10	1622	1	50
Semnan	12	1698	9	1410	0	0
Sistan&Baluchestan.....	28	3692	23	3326	0	0
Fars	77	13186	53	10479	0	0
Qazvin.....	16	1998	10	1293	0	0
Qom	9	2716	5	1955	0	0
Kordestan.....	20	3597	16	3273	1	64
Kerman	43	6219	27	4340	4	432
Kermanshah	27	4058	19	3155	3	292
Kohgiluyeh&Boyerahmad.....	12	1402	9	1288	2	82
Golestan	26	3474	17	2626	0	0
Gilan	36	4992	25	3677	1	60
Lorestan	27	3327	18	2501	1	32
Mazandaran	48	7002	32	5446	0	0
Markazi	22	3109	16	2167	0	0
Hormozgan	22	2337	15	1549	3	300
Hamedan.....	21	3323	16	2657	1	50
Yazd	20	3462	13	2388	0	0

18.4. NUMBER OF ACTIVE HOSPITALS AND LICENCED BEDS BY TYPE OF AFFILIATION (continued)

Year and Ostan	Non-public									
	Social Security		Other public institutions and organizations ⁽²⁾		Private		Charity		Other ⁽³⁾	
	Hospital	Licensed bed	Hospital	Licensed bed	Hospital	Licensed bed	Hospital	Licensed bed	Hospital	Licensed bed
1385	000	000	000	000	000	000	000	000	000	000
1390	000	000	000	000	000	000	000	000	000	000
1395	72	12021	000	000	159	19008	32	4906	000	000
1396	70	12394	000	000	168	18722	33	5012	000	000
1397	75	12756	32	4416	174	18703	35	5338	2	1114
1398	73	12500	25	4295	181	18936	36	5029	3	1218
1399	74	12251	33	4780	183	19067	35	5348	4	667
1400⁽⁴⁾	74	12124	30	2919	175	19175	33	5145	3	667
East Azarbayejan..	2	407	4	476	7	888	1	166	0	0
West Azarbayejan..	2	288	0	0	5	475	1	96	0	0
Ardebil	2	222	1	148	2	120	0	0	0	0
Esfahan	3	886	4	600	9	877	4	394	0	0
Alborz	1	316	0	0	6	893	0	0	0	0
Ilam	1	42	0	0	2	107	0	0	0	0
Bushehr	3	274	0	0	0	0	0	0	0	0
Tehran	11	2941	4	348	61	7932	9	1146	1	233
Chaharmahal & Bakhtiari	1	202	0	0	1	96	0	0	0	0
South Khorasan	2	186	0	0	0	0	0	0	0	0
Khorasan-e-Razavi	3	604	0	0	8	681	8	1178	1	320
North Khorasan	1	000	0	0	0	0	0	0	0	0
Khuzestan	7	620	2	310	4	447	1	111	0	0
Zanjan	2	150	0	0	1	100	0	0	0	0
Semnan	1	128	1	96	1	64	0	0	0	0
Sistan&Baluchesta	2	256	3	110	0	0	0	0	0	0
Fars	1	300	6	437	14	986	3	984	0	0
Qazvin	2	344	0	0	4	361	0	0	0	0
Qom	1	120	1	118	0	0	2	523	0	0
Kordestan	2	210	0	0	1	50	0	0	0	0
Kerman	3	570	0	0	7	720	2	157	0	0
Kermanshah	2	230	0	0	3	381	0	0	0	0
Kohgiluyeh& Boyerahmad	1	32	0	0	0	0	0	0	0	0
Golestan	2	350	1	70	6	428	0	0	0	0
Gilan	1	270	0	0	9	985	0	0	0	0
Lorestan	3	320	0	0	5	474	0	0	0	0
Mazandaran	5	440	2	130	9	986	0	0	0	0
Markazi	3	444	0	0	3	498	0	0	0	0
Hormozgan	1	300	0	0	2	124	0	0	1	64
Hamedan	2	416	0	0	2	150	0	0	0	50
Yazd	1	256	1	76	3	352	2	390	0	0

1. Including the Islamic Revolutionary Guard Corps, the Oil Company, the Police, education, the Army, and so on.

2. Including Islamic Azad University, Foundation of Martyrs and Veterans Affairs, etc.

3. Including NGOs, Research Centers, Sanatoriums, Knowledge-based Companies, etc.

4. Excluding statistics related to the hospitals affiliated to the Tehran Medical Science University.

Source: Ministry of Health and Medical Education.

18.5. NUMBER OF AVAILABLE (ACTIVE) BEDS IN HOSPITAL WARDS

Year and Ostan	Total	Psychological	Burn	Intensive care unit (ICU)	Coronary care unit (CCU)	Neonatal intensive care unit (NICU)	Other
1385.....	000	000	000	000	000	000	000
1390.....	000	000	000	000	000	000	000
1395.....	118156	9870	894	7642	5331	2771	91648
1396.....	125566	10332	914	8212	5589	3088	97431
1397.....	138117	10247	921	8929	5930	3262	108828
1398.....	136338	10503	756	9522	5939	3300	106318
1399.....	142768	10337	885	11706	5740	3493	110607
1400⁽¹⁾.....	141607	9431	713	12201	5519	3556	110187
East Azarbayejan	7826	765	61	618	272	214	5896
West Azarbayejan	5526	163	19	523	171	108	4542
Ardebil	2507	234	20	136	57	38	2022
Esfahan.....	9294	734	50	722	303	214	7271
Alborz	3047	119	2	358	95	76	2397
Ilam.	1041	58	0	92	48	24	819
Bushehr	1557	36	21	109	65	40	1286
Tehran	23219	2349	114	2836	1140	625	16155
Chaharmahal&Bakhtiyari....	1788	143	11	100	60	55	1419
South Khorasan.	1405	102	10	150	63	51	1029
Khorasan-e-Razavi.....	10859	967	35	1008	312	304	8233
North Khorasan	1540	64	10	92	36	84	1254
Khuzestan.....	8970	641	58	729	379	238	6925
Zanjan	2175	146	17	149	54	55	1754
Semnan.....	1700	49	0	197	60	32	1362
Sistan&Baluchestan	3815	120	24	223	138	98	3212
Fars.....	9779	636	35	717	330	279	7782
Qazvin	2161	70	14	183	97	34	1763
Qom.....	2260	0	4	147	74	51	1984
Kordestan.	2894	200	6	157	91	54	2386
Kerman	5933	427	36	380	253	165	4672
Kermanshah	3410	172	24	314	130	74	2696
Kohgiluyeh &Boyerahmad..	1789	108	14	84	42	27	1514
Golestan	3092	94	21	231	148	59	2539
Gilan	3938	222	6	287	168	47	3208
Lorestan	3156	184	16	240	108	87	2521
Mazandaran	5898	92	14	558	347	147	4740
Markazi	2413	77	20	185	120	45	1966
Hormozgan.....	2764	120	15	214	104	81	2230
Hamedan	2997	195	24	258	88	68	2364
Yazd	2854	144	12	204	166	82	2246

1. Excluding statistics related to the hospitals affiliated to the Tehran Medical Science University.

Source: Ministry of Health and Medical Education.

18.6. ESTABLISHMENTS OFFERING PRIMARY HEALTH CARE

Year and Ostan	Total	Comprehensive health service centers				Health care station		Active health houses	Maternity facilities	Border health care station
		Urban	Rural	Urban and rural	Round-the-clock	Rural	Urban attached and unattached			
1385	12166	000	000	000	000	000	000	12166	000	000
1390	17649	000	000	000	000	000	000	17649	000	000
1395	27868	2820	2697	000	000	177	4021	17854	299	000
1396	28468	2863	2820	000	000	225	4190	18116	254	000
1397	29465	1559	2645	1059	561	324	5265	17746	214	92
1398	29424	1555	2668	1136	556	290	5296	17635	197	91
1399	29232	1517	2671	1085	561	283	5338	17499	188	90
1400⁽¹⁾	29510	1498	2745	1082	556	262	5273	17821	185	88
East Azarbayejan...	1594	97	154	58	27	22	224	1003	6	3
West Azarbayejan..	1497	53	119	53	12	21	223	1000	10	6
Ardebil	768	22	60	37	15	0	107	518	7	2
Esfahan	1376	150	97	68	47	9	468	527	9	1
Alborz	353	50	15	8	5	11	185	79	0	0
Ilam	294	16	22	19	9	2	46	176	3	1
Bushehr	429	26	29	32	24	1	84	218	2	13
Tehran	1093	178	50	18	23	17	578	228	0	1
Chaharmahal & Bakhtiyari	573	37	69	25	24	4	93	316	4	1
South Khorasan....	499	11	60	19	13	5	65	320	4	2
Khorasan-e-Razavi..	2419	126	240	61	41	24	472	1443	6	6
North Khorasan....	538	15	65	17	3	6	43	383	6	0
Khuzestan	1654	116	133	70	25	18	334	938	8	12
Zanjan	659	27	65	10	13	0	83	453	8	0
Semnan	268	21	25	17	9	1	58	136	1	0
Sistan&Baluchestan	1495	49	185	25	31	18	141	999	42	5
Fars	1842	73	204	100	39	23	299	1086	15	3
Qazvin	461	30	40	9	12	9	97	259	5	0
Qom	201	28	9	5	5	1	93	60	0	0
Kordestan	898	30	71	36	7	0	119	631	2	2
Kerman	1426	48	146	56	20	7	218	923	7	1
Kermanshah	917	29	60	31	13	0	144	631	3	6
Kohgiluyeh& Boyerahmad	486	7	51	19	11	6	52	329	11	0
Golestan	908	22	96	34	12	20	140	581	1	2
Gilan	1308	21	97	62	17	4	142	961	0	4
Lorestan	944	34	82	32	20	10	129	636	1	0
Mazandaran	1783	67	209	25	28	5	185	1260	2	2
Markazi	662	28	67	36	13	2	126	387	2	1
Hormozgan	958	31	103	40	14	5	119	616	18	12
Hamedan	851	21	87	50	15	11	113	553	0	1
Yazd	356	35	35	10	9	0	93	171	2	1

1. Excluding statistics related to the centres under coverage of Tehran Medical Science University.

Source: Ministry of Health and Medical Education.

18.7. MEDICAL AND GENETICS DIAGNOSTIC LABORATORY BY TYPE OF AFFILIATION

Year and Ostan	Total	Medical diagnostic laboratory						
		State-run		Non-public				
		Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385	4414	2071	000	000	000	1768	000	000
1390	4850	2075	000	000	000	2156	000	000
1395	5642	2269	321	280	000	2631	141	000
1396	5621	2126	341	280	000	2736	138	000
1397 ⁽⁴⁾	5359	1880	192	230	122	2683	142	20
1398	5093	1507	250	214	123	2728	146	8
1399	5142	1477	166	241	113	2833	153	21
1400⁽⁵⁾	4808	1366	163	204	94	2713	131	9
East Azarbayejan	177	8	0	3	4	156	1	0
West Azarbayejan.....	83	1	0	0	0	81	0	0
Ardebil	65	18	4	4	2	33	1	0
Esfahan.	362	86	10	26	4	212	16	0
Alborz	164	11	6	7	1	132	2	0
Ilam.	33	7	2	1	2	19	1	0
Bushehr	90	51	5	6	0	28	0	0
Tehran	838	41	41	13	13	638	40	1
Chaharmahal & Bakhtiari.....	136	108	1	7	0	17	0	0
South Khorasan.....	38	16	3	6	0	13	0	0
Khorasan-e-Razavi	448	176	18	13	8	196	24	3
North Khorasan.....	38	16	6	3	0	12	1	0
Khuzestan	270	78	14	9	13	151	2	0
Zanjan	71	32	3	7	1	26	2	0
Semnan	52	25	4	3	1	18	0	0
Sistan&Baluchestan.....	148	100	2	6	5	31	1	0
Fars	354	82	5	5	2	234	19	0
Qazvin.....	93	29	0	9	3	49	0	0
Qom	64	8	0	4	4	35	12	0
Kordestan.....	55	16	1	2	0	34	0	0
Kerman	199	105	1	9	7	68	4	0
Kermanshah	145	76	9	9	0	50	0	0
Kohgiluyeh&Boyerahmad.....	79	51	0	4	3	21	0	0
Golestan	126	40	1	8	8	68	0	0
Gilan	148	25	8	13	0	97	0	0
Lorestan	67	18	5	5	0	38	0	0
Mazandaran	171	27	4	5	9	123	0	0
Markazi	106	55	1	8	0	40	0	0
Hormozgan	62	15	3	3	4	34	1	1
Hamedan	126	45	6	6	0	59	4	4
Yazd	000	000	000	000	000	000	000	000

18.7. MEDICAL AND GENETICS DIAGNOSTIC LABORATORY BY TYPE OF AFFILIATION (continued)

Year and Ostan	Genetics diagnostic laboratory						
	State-run		Non-public				
	Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385	000	000	000	000	000	000	000
1390	000	000	000	000	000	000	000
1395	000	000	000	000	000	000	000
1396	000	000	000	000	000	000	000
1397 ⁽⁴⁾	14	2	0	1	72	1	0
1398	14	0	0	1	101	1	0
1399	18	2	0	0	116	1	1
1400⁽⁵⁾	9	1	1	1	114	1	1
East Azarbayejan	0	0	0	0	5	0	0
West Azarbayejan.....	0	0	0	0	1	0	0
Ardebil	1	0	0	0	2	0	0
Esfahan.	0	0	0	0	8	0	0
Alborz	0	0	0	0	5	0	0
Ilam.	0	0	0	0	1	0	0
Bushehr.....	0	0	0	0	0	0	0
Tehran	3	1	0	0	47	0	0
Chaharmahal&Bakhtiari....	2	0	0	0	1	0	0
South Khorasan.....	0	0	0	0	0	0	0
Khorasan-e-Razavi	0	0	0	1	7	1	1
North Khorasan.....	0	0	0	0	0	0	0
Khuzestan	0	0	0	0	3	0	0
Zanjan	0	0	0	0	0	0	0
Semnan	0	0	0	0	1	0	0
Sistan&Baluchestan.....	1	0	0	0	2	0	0
Fars	0	0	0	0	7	0	0
Qazvin.....	0	0	0	0	3	0	0
Qom	0	0	0	0	1	0	0
Kordestan.....	0	0	0	0	2	0	0
Kerman	2	0	0	0	3	0	0
Kermanshah	0	0	0	0	1	0	0
Kohgiluyeh&Boyerahmad.....	0	0	0	0	0	0	0
Golestan	0	0	0	0	1	0	0
Gilan	0	0	0	0	5	0	0
Lorestan	0	0	0	0	1	0	0
Mazandaran	0	0	0	0	3	0	0
Markazi	0	0	1	0	1	0	0
Hormozgan	0	0	0	0	1	0	0
Hamedan	0	0	0	0	2	0	0
Yazd	000	000	000	000	000	000	000

1. Including the Islamic Revolutionary Guard Corps, the Oil Company, the Police, education, the Army, and so on.

2. Including Islamic Azad University, Foundation of Martyrs and Veterans Affairs, etc.

3. Including NGOs, Research Centers, Sanatoriums, Knowledge-based Companies, etc.

4. Decrease in number is due to including the centres with permit issuance.

5. Excluding statistics related to Tehran, Babol and Yazd Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.8. COMPREHENSIVE MEDICAL REHABILITATION CENTRES BY TYPE OF AFFILIATION

Year and Ostan	Total	State-run		Non-public				
		Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385	2704	319	000	000	000	1789	000	000
1390	4522	378	000	000	000	3378	000	000
1395	7449	550	630	134	000	5984	151	000
1396	8110	567	639	124	000	6608	172	000
1397	9453	1071	400	65	177	7557	148	35
1398	9047	391	430	70	241	7688	172	55
1399	8863	474	308	65	260	7578	154	24
1400⁽⁴⁾	9054	425	336	73	219	7867	111	23
East Azarbayejan ...	152	3	2	0	4	139	0	4
West Azarbayejan..	234	0	0	0	8	226	0	0
Ardebil	169	8	4	1	0	155	0	1
Esfahan	862	37	44	4	31	732	14	0
Alborz	535	20	12	3	2	494	4	0
Ilam	29	2	0	0	1	26	0	0
Bushehr	103	2	6	1	0	94	0	0
Tehran	1179	2	0	0	0	1177	0	0
Chaharmahal& Bakhtiari	112	3	21	2	3	83	0	0
South Khorasan.....	126	8	6	4	12	93	3	0
Khorasan-e-Razavi	878	52	62	8	8	711	25	12
North Khorasan.....	108	6	21	1	0	79	1	0
Khuzestan	554	36	32	8	10	468	0	0
Zanjan	94	13	3	0	11	67	0	0
Semnan	112	12	5	2	9	83	0	1
Sistan&Baluchestan	212	36	0	2	7	165	2	0
Fars	790	52	10	12	36	654	26	0
Qazvin.....	161	8	17	4	6	125	1	0
Qom	189	4	0	1	13	152	19	0
Kordestan.....	187	3	20	0	0	161	1	2
Kerman	319	17	26	5	5	257	8	1
Kermanshah.....	213	14	15	2	1	179	0	2
Kohgiluyeh& Boyerahmad.....	89	2	6	2	0	79	0	0
Golestan	245	13	2	4	15	211	0	0
Gilan	294	0	1	0	0	293	0	0
Lorestan	206	10	5	3	6	181	1	0
Mazandaran	410	27	0	1	21	361	0	0
Markazi.....	214	2	3	0	6	199	4	0
Hormozgan	99	0	0	0	0	99	0	0
Hamedan.....	179	33	13	3	4	124	2	0
Yazd.....	000	000	000	000	000	000	000	000

1. Including the Islamic Revolutionary Guard Corps, the Oil Company, the Police, education, the Army, and so on.

2. Including Islamic Azad University, Foundation of Martyrs and Veterans Affairs, etc.

3. Including NGOs, Research Centers, Sanatoriums, Knowledge-based Companies, etc.

4. Excluding statistics related to Tehran and Yazd Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.9. NUCLEAR DIAGNOSTIC CENTRES BY TYPE OF AFFILIATION

Year and Ostan	Total	State-run		Non-public				
		Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385	2227	761	000	000	000	1087	000	000
1390	2802	726	000	000	000	1421	000	000
1395	3246	805	237	171	000	1929	104	000
1396	3387	814	221	189	000	2053	110	000
1397 ⁽⁴⁾	3296	817	110	137	81	2030	99	22
1398	3158	632	126	121	75	2067	108	29
1399	3369	648	141	148	76	2223	105	28
1400⁽⁵⁾	3351	644	120	121	83	2262	103	18
East Azarbayejan	98	5	0	0	0	86	0	7
West Azarbayejan....	73	0	0	0	0	73	0	0
Ardebil	56	15	0	3	4	34	0	0
Esfahan	257	48	0	10	13	174	12	0
Alborz	121	13	0	1	0	107	0	0
Ilam	16	9	0	0	0	7	0	0
Bushehr	56	12	4	6	0	34	0	0
Tehran	814	49	37	17	15	657	39	0
Chaharmahal& Bakhtiyari	41	14	1	3	0	23	0	0
South Khorasan	29	14	2	2	0	10	1	0
Khorasan-e-Razavi .	271	57	17	5	4	167	19	2
North Khorasan	32	15	0	1	2	14	0	0
Khuzestan	180	41	10	9	8	111	1	0
Zanjan	41	13	2	5	0	20	1	0
Semnan	20	8	2	1	0	9	0	0
Sistan & Baluchestan	40	16	0	4	2	17	1	0
Fars	279	84	0	6	19	156	14	0
Qazvin	57	15	2	6	0	34	0	0
Qom	51	9	0	4	3	25	10	0
Kordestan	44	17	4	5	0	18	0	0
Kerman	103	32	0	4	0	60	1	6
Kermanshah	89	26	7	4	0	52	0	0
Kohgiluyeh& Boyerahmad	38	10	5	4	0	19	0	0
Golestan	73	22	1	2	3	45	0	0
Gilan	76	0	0	0	0	76	0	0
Lorestan	65	21	6	7	0	30	1	0
Mazandaran	146	27	10	6	10	91	0	2
Markazi	60	18	6	3	0	33	0	0
Hormozgan	58	15	3	1	0	38	0	1
Hamedan	67	19	1	2	0	42	3	0
Yazd	000	000	000	000	000	000	000	000

1. Including the Islamic Revolutionary Guard Corps, the Oil Company, the Police, education, the Army, and so on.

2. Including Islamic Azad University, Foundation of Martyrs and Veterans Affairs, etc.

3. Including NGOs, Research Centers, Sanatoriums, Knowledge-based Companies, etc.

4. Decrease in number is due to including the centres with permit issuance.

5. Excluding statistics related to Tehran and Yazd Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.10. PHARMACIES BY AFFILIATION TYPE

Year and Ostan	Total	State-run		Non-public				
		Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385	7358	467	000	000	000	6650	000	000
1390	8484	423	000	000	000	7666	000	000
1395	10937	574	223	000	168	9929	43	000
1396	11036	532	231	000	195	10028	50	000
1397	11253	575	112	164	148	10197	45	12
1398	12120	595	153	156	88	11011	61	56
1399	12474	565	162	150	99	11405	42	51
1400⁽⁴⁾	13052	553	177	169	75	11989	39	50
East Azarbayejan ..	727	35	0	3	0	689	0	0
West Azarbayejan ..	501	28	10	1	0	461	1	0
Ardebil	184	2	1	2	0	176	1	2
Esfahan	971	10	5	3	1	950	0	2
Alborz	451	12	3	8	0	423	0	5
Ilam	000	000	000	000	000	000	000	000
Bushehr	135	10	7	9	0	109	0	0
Tehran	2715	47	32	11	14	2603	8	0
Chaharmahal& Bakhtiyari	112	2	2	1	0	107	0	0
South Khorasan	96	14	0	0	0	82	0	0
Khorasan-e-Razavi	1138	44	10	17	1	1053	10	3
North Khorasan	119	10	1	2	0	106	0	0
Khuzestan	719	37	18	26	1	634	3	0
Zanjan	146	17	1	3	1	124	0	0
Semnan	86	4	1	1	3	77	0	0
Sistan& Baluchestan	269	22	4	1	0	238	1	3
Fars	928	12	41	2	10	842	3	18
Qazvin	183	10	1	2	0	170	0	0
Qom	184	7	0	2	3	165	7	0
Kordestan	196	16	3	7	0	170	0	0
Kerman	423	22	15	6	1	378	1	0
Kermanshah	353	26	6	7	1	313	0	0
Kohgiluyeh& Boyerahmad	110	8	2	4	1	95	0	0
Golestan	268	18	0	8	3	233	0	6
Gilan	432	30	5	1	0	387	0	9
Lorestan	241	18	3	10	6	204	0	0
Mazandaran	500	29	0	7	14	450	0	0
Markazi	209	18	0	10	7	173	0	1
Hormozgan	160	16	5	1	2	136	0	0
Hamedan	235	15	1	2	2	213	1	1
Yazd	261	14	0	12	4	228	3	0

1. Including the Islamic Revolutionary Guard Corps, the Oil Company, the Police, education, the Army, and so on.

2. Including Islamic Azad University, Foundation of Martyrs and Veterans Affairs, etc.

3. Including NGOs, Research Centers, Sanatoriums, Knowledge-based Companies, etc.

4. Excluding statistics related to the pharmacies affiliated to Ilam, Tehran, Gonabad, Babol and Asadabad Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.11. NUMBER OF GENERAL AND SPECIALIZED CLINICS BY TYPE OF AFFILIATION

Year and Ostan	Total	General clinic						
		State-run		Non-public				
		Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385.....	000	000	000	000	000	000	000	000
1390.....	000	000	000	000	000	000	000	000
1395.....	4423	1207	653	297	000	1986	280	000
1396.....	4374	912	659	302	000	2205	296	000
1397.....	5265	211	319	183	168	1355	264	23
1398.....	5499	228	392	208	166	1298	269	49
1399.....	5608	184	357	196	156	1285	249	51
1400⁽⁴⁾.....	5649	238	369	211	162	1334	239	47
East Azarbayegan	201	0	20	5	10	49	3	25
West Azarbayegan.....	112	4	14	9	4	43	6	0
Ardebil.....	223	15	5	5	1	36	0	0
Esfahan.....	372	3	19	7	6	55	28	3
Alborz.....	189	0	0	6	10	59	9	0
Ilam.....	37	8	0	0	5	10	4	0
Bushehr.....	77	10	17	12	1	12	000	000
Tehran.....	881	29	50	2	6	225	67	0
Chaharmahal&Bakhtiyari..	55	0	5	5	1	15	1	0
South Khorasan	52	13	8	5	0	0	8	0
Khorasan-e-Razavi	430	6	41	11	9	137	33	5
North Khorasan	46	6	9	4	0	12	2	1
Khuzestan.....	360	34	24	25	19	91	7	0
Zanjan.....	177	10	8	7	1	14	000	000
Semnan.....	56	7	7	8	7	8	2	0
Sistan&Baluchestan.....	284	8	1	7	12	45	5	0
Fars.....	543	8	29	12	7	91	22	0
Qazvin	219	10	5	9	0	35	0	0
Qom.....	89	5	0	4	8	24	12	0
Kordestan	60	0	8	6	0	10	4	0
Kerman.....	235	14	12	11	3	76	12	10
Kermanshah.....	159	3	12	3	1	48	0	0
Kohgiluyeh&Boyerahmad	78	3	11	3	0	36	0	0
Golestan.....	93	15	0	7	13	27	0	0
Gilan.....	113	1	18	9	3	45	3	0
Lorestan.....	93	1	13	8	2	25	1	0
Mazandaran	221	25	4	3	24	56	1	1
Markazi	70	0	11	5	3	10	3	0
Hormozgan	83	0	14	7	0	28	3	0
Hamedan.....	41	0	4	6	6	12	3	2
Yazd	000	000	000	000	000	000	000	000

18.11. NUMBER OF GENERAL AND SPECIALIZED CLINICS BY TYPE OF AFFILIATION (continued)

Year and Ostan	Specialized clinics						
	State-run		Non-public				
	Medical Science University	Other public institutions and organizations ⁽¹⁾	Social Security	Other public institutions and organizations ⁽²⁾	Private	Charity	Other ⁽³⁾
1385.....	000	000	000	000	000	000	000
1390.....	000	000	000	000	000	000	000
1395.....	000	000	000	000	000	000	000
1396.....	000	000	000	000	000	000	000
1397.....	1090	76	82	61	1401	30	2
1398.....	1124	64	111	76	1463	38	13
1399.....	1137	60	110	90	1583	27	124
1400⁽⁴⁾.....	1057	44	89	44	1768	41	6
East Azarbayejan.....	4	3	0	2	74	0	6
West Azarbayejan	1	3	0	1	27	0	0
Ardebil.....	119	0	20	1	21	0	0
Esfahan.....	30	3	0	1	202	15	0
Alborz.....	2	1	1	0	96	5	0
Ilam	6	0	0	0	4	0	0
Bushehr	0	1	0	0	23	1	0
Tehran	19	1	8	0	468	6	0
Chaharmahal&Bakhtiari..	14	0	0	0	14	0	0
South Khorasan	12	1	0	0	5	0	0
Khorasan-e-Razavi.....	20	7	1	2	155	3	0
North Khorasan	5	0	0	1	6	0	0
Khuzestan.....	31	2	3	0	124	0	0
Zanjan.....	118	1	0	0	16	2	0
Semnan.....	7	1	0	1	8	0	0
Sistan&Baluchestan	146	0	12	24	23	1	0
Fars.....	217	0	0	0	156	1	0
Qazvin	105	7	34	0	14	0	0
Qom.....	9	0	1	1	22	3	0
Kordestan	17	0	2	0	13	0	0
Kerman.....	35	0	0	3	58	1	0
Kermanshah.....	21	7	2	1	61	0	0
Kohgiluyeh&Boyerahmad	1	3	1	0	20	0	0
Golestan.....	8	0	1	4	18	0	0
Gilan.....	3	1	1	0	29	0	0
Lorestan.....	3	1	0	2	36	1	0
Mazandaran	95	0	0	0	12	0	0
Markazi	4	1	2	0	29	2	0
Hormozgan	4	0	0	0	27	0	0
Hamedan	1	0	0	0	7	0	0
Yazd	000	000	000	000	000	000	000

1. Including the Islamic Revolutionary Guard Corps, the Oil Company, the Police, education, the Army, and so on.

2. Including Islamic Azad University, Foundation of Martyrs and Veterans Affairs, etc.

3. Including NGOs, Research Centers, Sanatoriums, Knowledge-based Companies, etc.

4. Excluding statistics related to Tehran, Zabol and Yazd Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.12. NUMBER OF PRE-HOSPITAL EMERGENCY STATIONS 115

Year and Ostan	Total	Urban	Road
1385	000	000	000
1390	000	000	000
1395	2270	828	1442
1396	2473	918	1555
1397	2536	967	1569
1398	2609	999	1610
1399	2688	1061	1627
1400⁽¹⁾	2863	1135	1728
East Azarbayejan	139	66	73
West Azarbayejan.....	108	47	61
Ardebil.....	59	27	32
Esfahan.....	185	93	92
Alborz.....	68	37	31
Ilam.....	45	15	30
Bushehr.....	53	16	37
Tehran ⁽¹⁾	80	33	47
Chaharmahal&Bakhtiari	56	19	37
South Khorasan	83	22	61
Khorasan-e-Razavi	262	136	126
North Khorasan	55	17	38
Khuzestan	183	67	116
Zanjan.....	62	22	40
Semnan	50	16	34
Sistan&Baluchestan.....	175	47	128
Fars	217	76	141
Qazvin.....	49	19	30
Qom	42	23	19
Kordestan.....	61	25	36
Kerman	171	56	115
Kermanshah	71	32	39
Kohgiluyeh&Boyerahmad.....	52	21	31
Golestan	61	24	37
Gilan	75	31	44
Lorestan	83	33	50
Mazandaran	99	40	59
Markazi	63	24	39
Hormozgan	85	24	61
Hamedan	71	27	44
Yazd	000	000	000

1. Excluding statistics related to Yazd Medical Science University.

2.Excluding Emergency Stations in the 'Shahr (city) of Tehran.

Source: Ministry of Health and Medical Education.

**18.13. BLOOD PRODUCTS PRODUCED AND DELIVERED TO THE MEDICAL CENTRES BY
THREE MAJOR PRODUCTS, THE YEAR 1400 (unit)**

Ostan	Blood products produced			Blood products delivered to medical centres		
	Packed Red Blood Cells (PRBC)	Fresh frozen plasma (FFP)	Platelets concentrate	Packed Red Blood Cells (PRBC)	Fresh frozen plasma (FFP)	Platelets concentrate
Total country	1984352	1815670	1131131	1923055	617935	1014689
East Azarbayejan.....	85238	83415	50527	80169	32837	50514
West Azarbayejan	62477	58097	28648	49883	11625	27688
Ardebil	33196	31887	12382	24795	8214	12242
Esfahan.....	128722	118041	70168	123236	47088	72603
Alborz	50897	49622	13557	39462	10853	9272
Ilam	14299	13230	3294	12208	2893	2414
Bushehr	30470	19372	12143	28177	7632	10931
Tehran	308448	306078	268663	351497	144856	265589
Chaharmahal & Bakhtiari .	21370	18004	11456	18289	10677	10150
South Khorasan	20810	19847	9250	12304	5444	8364
Khorasan-e-Razavi.....	140317	118843	94851	135600	40852	87303
North Khorasan	18668	17737	9011	10300	5099	6824
Khuzestan.....	112026	101881	57350	127326	35431	50204
Zanjan	22820	22495	10078	17799	6185	8479
Semnan.....	29133	27372	9043	17010	10003	5813
Sistan&Baluchestan	56946	51769	25441	108272	16441	16272
Fars.....	151240	127546	95883	148569	52814	79085
Qazvin	38108	34877	17543	25617	9241	16285
Qom	36283	30969	15208	27396	9734	13747
Kordestan	28359	26102	15839	24186	7874	14137
Kerman	70245	66559	47962	65783	18317	38164
Kermanshah	45653	43491	33459	36477	7955	29867
Kohgiluyeh & Boyerahmad...	16958	13472	9833	15754	4478	6412
Golestan	50683	44100	26190	49498	12476	21939
Gilan.....	77966	73512	24395	80458	12389	20289
Lorestan.....	40558	39113	14006	28362	11853	8461
Mazandaran.....	124796	104257	50934	117262	18156	41415
Markazi	35600	34267	21328	25915	9241	20635
Hormozgan.....	54686	49519	20485	54930	16170	15959
Hamedan	35683	33577	31089	28715	12353	26218
Yazd	41697	36619	21115	37806	18754	17414

Source: Iranian Blood Transfusion Organization (IBTO).

18.14. DONORS AND AMOUNT OF DONATED BLOODS BY GENDER AND DONATION STATUS, THE YEAR 1400
(unit)

Ostan	Number of donors	Total amount of blood donation			Total blood donation by donation status		
		Both sexes	Male	Female	Frequent	Infrequent	First time
Total country	2520330	2034786	1944497	90289	1120539	612707	301540
East Azarbayejan.....	107915	87218	84766	2452	46957	28987	11274
West Azarbayejan	76058	64510	62548	1962	32252	21509	10749
Ardebil	41675	33752	31911	1841	17999	10847	4906
Esfahan.....	161973	131241	127024	4217	76936	35967	18338
Alborz.....	66417	52826	51175	1651	25096	16954	10776
Ilam	17005	14532	13801	731	7349	4777	2406
Bushehr	38260	31325	29829	1496	18402	7996	4927
Tehran	401854	324442	311963	12479	163827	108402	52213
Chaharmahal&Bakhtiari ..	27305	22248	21394	854	10888	7770	3590
South Khorasan	26148	21416	20059	1357	12687	5711	3018
Khorasan-e-Razavi.....	189062	142874	135152	7722	79924	41429	21521
North Khorasan	23406	19091	17899	1192	10319	5222	3550
Khuzestan.....	155357	114871	111491	3380	56033	34309	24529
Zanjan.....	28886	23195	21808	1387	12058	7453	3684
Semnan.....	36536	29573	27866	1707	20958	5981	2634
Sistan&Baluchestan	72162	57567	53381	4186	34150	15729	7688
Fars.....	200969	153367	145128	8239	82897	50687	19783
Qazvin	49291	38483	35848	2635	21954	10864	5665
Qom	45265	36871	35682	1189	22801	10200	3870
Kordestan	33948	28963	26863	2100	14035	8602	6326
Kerman	89740	72457	68343	4114	43893	19573	8991
Kermanshah	57630	46744	44151	2593	21859	16678	8207
Kohgiluyeh&Boyerahmad .	20308	17435	16896	539	9237	5504	2694
Golestan	59740	51390	48035	3355	32332	12207	6851
Gilan.....	91640	80148	76997	3151	45885	23478	10785
Lorestan.....	47712	40958	37299	3659	22319	11734	6905
Mazandaran.....	154125	127091	123650	3441	77934	37035	12122
Markazi	44129	36701	34450	2251	19989	12150	4562
Hormozgan.....	63400	55216	53044	2172	33141	13229	8846
Hamedan	41714	36203	35237	966	19323	11209	5671
Yazd	50700	42078	40807	1271	27105	10514	4459

Source: Iran Blood Transfusion Organization (IBTO).

18.15. NUMBER OF THE EMPLOYED ⁽¹⁾ IN THE GOVERNMENTAL VETERINARY SECTOR BY OCCUPATIONAL FIELD, THE YEAR 1400

Description	Grand total	Veterinarian	Occupational fields ⁽²⁾ by expertise		Veterinarian with associate's degree	Veterinary technician	Other occupational fields
			Technical expert	Non-technical expert			
Total country	6088	2038	1764	858	1072	40	316
Central Organization	274	99	61	34	63	0	17
East Azarbayejan.....	239	106	44	38	15	1	35
West Azarbayejan	179	60	49	31	34	0	5
Ardebil	287	76	75	35	71	3	27
Esfahan.....	123	59	27	13	10	1	13
Alborz	145	41	50	22	23	0	9
Ilam	166	41	60	18	44	0	3
Bushehr	268	140	72	28	28	0	0
Tehran	140	49	44	19	25	1	2
Chaharmahal&Bakhtiyari...	162	42	59	34	27	0	0
South Khorasan	336	150	97	21	65	3	0
Khorasan-e-Razavi.....	120	29	42	25	24	0	0
North Khorasan	278	76	60	33	71	5	33
Khuzestan.....	123	32	29	28	23	2	9
Zanjan	127	42	37	23	15	7	3
Semnan.....	191	48	91	24	21	0	7
Sistan&Baluchestan	273	110	57	27	66	1	12
Fars.....	136	43	40	21	20	1	11
Qazvin	91	25	29	19	14	0	4
Qom	149	46	44	23	23	0	13
Kordestan	330	106	99	22	96	1	6
Kerman	163	46	33	28	32	1	23
Kermanshah	105	34	31	20	17	0	3
Kohgiluyeh&Boyerahmad	202	65	82	35	18	0	2
Golestan	178	59	48	18	37	0	16
Gilan.....	174	40	80	16	28	3	7
Lorestan.....	309	110	102	39	52	6	0
Mazandaran.....	145	45	43	24	27	0	6
Markazi	136	34	65	18	16	1	2
Hormozgan.....	142	41	47	16	35	3	0
Hamedan	116	35	32	17	23	0	9
Yazd	281	109	35	89	9	0	39

1. Excluding people working for Higher Education Centres.

2. Including experts and senior experts.

Sources: Iran Veterinary Organization.

18.16. OPERATING MEDICAL CENTRES IN THE PRIVATE VETERINARY SECTOR, THE YEAR 1400

Ostan	Veterinary pharmacy	Livestock vaccination centres	Veterinary clinic	Hospital	Veterinary lab
Total country	2330	1441	2058	136	265
East Azarbayejan.....	189	87	67	2	14
West Azarbayejan	196	139	155	22	18
Ardebil	91	43	41	0	4
Esfahan.....	125	78	103	2	27
Alborz	28	10	76	6	7
Ilam	42	20	17	3	1
Bushehr	13	3	7	0	3
Tehran	89	33	303	35	33
Chaharmahal&Bakhtiari ...	49	23	9	2	3
Khorasan-e-Razavi.....	26	30	30	0	2
South Khorasan	153	144	146	11	27
North Khorasan	21	29	28	4	0
Khuzestan.....	82	65	91	0	6
Zanjan	23	15	11	0	2
Semnan.....	30	21	26	1	7
Sistan&Baluchestan	29	23	37	0	1
Fars.....	144	111	204	10	16
Qazvin	32	8	8	2	6
Qom	20	19	26	1	5
Kordestan	54	28	67	6	13
Kerman	88	77	86	0	6
Kermanshah	95	57	78	0	1
Kohgiluyeh&Boyerahmad ..	20	25	7	1	1
Golestan	105	36	57	12	17
Gilan.....	76	62	64	2	7
Lorestan.....	89	54	29	1	2
Mazandaran.....	263	100	185	9	26
Markazi	44	36	41	2	4
Hormozgan.....	15	22	0	0	1
Hamedan	55	28	36	1	3
Yazd	44	15	23	1	2

Sources: Iran Veterinary Organization.

