

Introduction

This chapter presents data on the 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 until 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 currently produced by the Organization for Medical Discipline. However, due to obstacles and problems in presenting updated statistics, these data have not yet been included in the Statistical Yearbook.

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 degree approved by the Ministry of Health and Medical Education.

Paramedic: This refers to 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 are 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 holders of a high school diploma is 26, and for holders of an associate's degree, it 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 the medical treatment of outpatients.

Available (active) bed: A bed that has diagnostic, treatment, support, service, and personnel facilities based on the announced standard and must be ready for hospitalization and patient care. In other words, it refers to occupied or unoccupied beds of a hospital that can be used for inpatients every day. The number of active beds should not exceed the number of approved beds in the hospital.

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 those 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.

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 center that provides necessary healthcare using scientific and practical methods and technology. It serves as the first point of contact for individuals, families, and society within the healthcare system. It is cost-effective and affordable for the community and the country at every stage of development.

Comprehensive Health Services Centre: It is a center that is established in urban and rural areas. The services provided at this center include general medical services, consultation with a mental health nurse, nutrition and diet therapy consultation, dentistry, laboratory services, radiology, environmental and occupational health, and monitoring of the healthcare 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 people, and the Comprehensive Rural Health Services Centre covers 4,000 people.

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, where the services available include healthcare only and are provided by a health attendant (equivalent to a health aide 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 healthcare by health attendants (men and women). The services provided at this place are registered in the electronic health system.

Maternity Facility Unit: This unit is part of the Comprehensive Urban or Rural Health Services Centre and provides natural childbirth services and care during and after childbirth by a midwife.

Medical Diagnostic Laboratory: This is a facility authorized by the Ministry of Health and Medical Education where various samples of the human body are tested to obtain information for diagnosis, prevention, treatment continuation, or health checkups. There are two types of laboratories: clinical and anatomical. Tests such as hematology, microbiology, serology, biology, immunology, biophysics, cytology, pathology, cellular and molecular genetics, histology, and others are conducted at this facility.

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 in 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.

Radiology Institute: It is a place to perform a series of diagnostic-therapeutic and interventional imaging methods using X-rays, ultrasound waves, and magnetic fields. This includes radiology, ultrasound, mammography, periapical, panorex, cephalometry, and bone densitometry devices. It is necessary to install at least radiology and ultrasound devices.

Medical imaging center: It is a place to perform a series of diagnostic-therapeutic and interventional imaging methods using x-rays, ultrasound waves, and magnetic fields. The center operates around the clock and is equipped with radiology, ultrasound, mammography, periapical, panorex, Cephalometry, and bone density measurement devices. Additionally, it is also equipped with CT Scan or MRI devices.

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 a cardiovascular specialized clinic) or the 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 are provided in case of an emergency, such as an accident, severe disease, and natural or man-made phenomena. These services 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 established in the centers of sub-provinces, cities (Shahrs) with a university or faculty of medical sciences and health services, and cities with a population of more than 50,000 people. These stations are connected to the message center and the communication and operation command center of the emergency station.

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

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

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

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

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

Packed red blood cells: These types 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 also be 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 at 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 within the first 6-8 hours after donation, depending on the type of anticoagulant used. To preserve heat-sensitive coagulation factors, it is crucial to control the transport temperature of the blood units or plasma from the collection site to the processing center, the time from collection to freezing (which varies depending on the anticoagulant), the duration between plasma separation and freezing, the temperature and duration of the freezing process, and the storage temperature of frozen plasma, all in accordance with 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: These are the products in which platelets are the main cellular components. This product is made from whole blood or platelet apheresis. It can be stored for up to 5 days at a temperature of 20-24 degrees Celsius with gentle and continuous shaking.

Whole blood donation: This is the process of receiving whole blood from blood donation volunteers in compliance with 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

centers, 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 1401, the University of Medical Science employed 55,212 physicians and 312,602 paramedics. Out of these, 17,131, 4,673, 406, 2,803, 19,300, 2,986, and 7,913 were general practitioners, dentists, doctors of medical laboratory sciences, pharmacists, specialists, sub-specialists, and professional doctors, respectively. In the year 1401, there were 985 hospitals, out of which 704 were run by the state, and the remaining 281 were operated by the private sector.

In the year 1401, the total number of hospital beds in the country was 156455, out of which 133340 were active and available (active) for use.

350 characters · 53 words

In the year 1401, there were 5592 operating healthcare and medical centers, 5094 healthcare stations, and 17048 health homes.

In the year 1401, there were 4827 operating medical diagnostic laboratories and 100 operating genetic diagnostic laboratories in the country. In the same year, the number of operating pharmacies across the country was 13190.

In the same year, there were also 2,969 pre-hospital emergency stations in the country, out of which 1,165 and 1,804 stations were urban (39.2%) and road (60.8%) stations, respectively.

Furthermore, it is estimated that a total of 2,758,101 blood donors visited the blood centers and donated 2,223,492 units of blood in the same year.

There were 2,466 veterinarian pharmacies, 1,345 livestock vaccination centers, and 2,159 private veterinarian clinics in the year 1401.

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
1397.....	450471	48806	282183	119482
1398 ⁽⁴⁾	450225	50212	280821	119192
1399 ⁽⁵⁾	459050	52968	285834	120248
1400 ⁽⁶⁾	485371	52050	311121	122200
1401⁽⁷⁾.....	496160	55212	312602	128346
East Azarbayejan	22422	2736	14271	5415
West Azarbayejan	21392	1897	14149	5346
Ardebil	9311	1002	6401	1908
Esfahan.....	29603	4030	18033	7540
Alborz	9323	914	6547	1862
Ilam	6570	667	4583	1320
Bushehr	7730	827	4952	1951
Tehran	39597	5703	20770	13124
Chaharmahal&Bakhtiari	7976	944	5475	1557
South Khorasan	7288	771	4963	1554
Khorasan-e-Razavi.....	41749	3760	27132	10857
North Khorasan	5541	569	3503	1469
Khuzestan.....	36032	3417	21669	10946
Zanjan	8368	910	5347	2111
Semnan.....	6611	630	4153	1828
Sistan&Baluchestan	20507	1650	13124	5733
Fars.....	37870	3688	23927	10255
Qazvin.....	7735	880	4645	2210
Qom.....	5802	575	3864	1363
Kordestan	13828	1024	10003	2801
Kerman.....	23297	2791	14394	6112
Kermanshah	15393	1720	9915	3758
Kohgiluyeh&Boyerahmad.	7795	683	5385	1727
Golestan	1787	1787	000	000
Gilan.....	16280	1921	10645	3714
Lorestan.....	13243	1187	9520	2536
Mazandaran.....	28260	3428	16899	7933
Markazi	10421	1118	6261	3042
Hormozgan.....	11854	1156	7710	2988
Hamedan	12687	1429	8299	2959
Yazd	9888	1398	6063	2427

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.

7. Excluding statistics related to Esfarayen, Iran, Sarab, Golestan, and Gonabad 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
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
1401⁽⁵⁾.....	55212	17131	4673	406	2803	19300	2986	7913
East Azarbayejan.....	2736	780	245	7	127	890	155	532
West Azarbayejan	1897	711	129	21	99	645	62	230
Ardebil	1002	324	103	14	56	299	56	150
Esfahan.....	4030	1305	326	53	210	1476	197	463
Alborz	914	178	59	28	111	366	89	83
Ilam	667	204	90	5	28	190	32	118
Bushehr	827	259	73	1	34	310	33	117
Tehran	5703	860	443	15	324	2376	576	1109
Chaharmahal&Bakhtiyari ...	944	323	98	12	36	282	53	140
South Khorasan	771	238	72	0	36	271	24	130
Khorasan-e-Razavi.....	3760	1233	328	9	215	1219	207	549
North Khorasan	569	176	36	13	37	285	6	16
Khuzestan.....	3417	1241	186	39	163	1260	156	372
Zanjan	910	219	120	17	36	263	72	183
Semnan.....	630	165	61	5	23	216	30	130
Sistan&Baluchestan	1650	556	160	5	59	566	71	233
Fars.....	3688	1214	193	18	177	1383	190	513
Qazvin.	880	248	114	19	26	339	43	91
Qom	575	160	51	1	22	208	59	74
Kordestan.	1024	389	75	9	44	298	49	160
Kerman	2791	955	268	11	132	909	101	415
Kermanshah	1720	590	134	1	106	440	71	378
Kohgiluyeh&Boyerahmad ..	683	219	75	7	31	229	25	97
Golestan	1787	609	154	11	69	716	44	184
Gilan	1921	783	191	7	89	583	103	165
Lorestan	1187	437	83	1	65	386	44	171
Mazandaran	3428	1106	326	11	169	1168	183	465
Markazi	1118	377	113	17	76	389	51	95
Hormozgan	1156	438	86	28	50	401	66	87
Hamedan	1429	434	146	16	76	464	58	235
Yazd	1398	400	135	5	77	473	80	228

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.

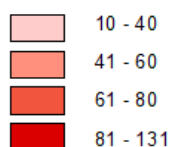
5. Excluding statistics related to Esfarayen, Iran, Sarab, Golestan, and Gonabad Medical Science Universities.

Source: Ministry of Health, Treatment and Medical Education.

18.1. Number of Physicians per 100000 Population, the Year 1401



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
1395	262845	83355	480	6271	5146
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
1401⁽⁴⁾	312602	106684	369	12313	10565
East Azarbayejan	14271	4708	7	397	293
West Azarbayejan	14149	5084	7	486	383
Ardebil	6401	2282	1	256	230
Esfahan	18033	7130	15	714	663
Alborz	6547	2419	0	226	229
Ilam	4583	1231	0	172	172
Bushehr	4952	1214	0	183	187
Tehran	20770	8599	275	1106	990
Chaharmahal&Bakhtiyari...	5475	1844	6	238	164
South Khorasan	4963	1641	0	185	148
Khorasan-e-Razavi.	27132	9885	3	1082	845
North Khorasan	3503	1406	0	131	128
Khuzestan	21669	5627	5	830	704
Zanjan	5347	1781	1	190	156
Semnan	4153	1721	2	190	178
Sistan&Baluchestan	13124	2781	5	556	464
Fars	23927	8732	8	1020	798
Qazvin	4645	1643	0	148	114
Qom	3864	1689	0	191	177
Kordestan	10003	2842	4	332	254
Kerman	14394	4306	3	501	485
Kermanshah	9915	3846	3	482	334
Kohgiluyeh&Boyerahmad...	5385	1749	0	179	150
Golestan	000	000	000	000	000
Gilan	10645	3857	10	382	367
Lorestan	9520	3305	1	351	372
Mazandaran	16899	6853	13	598	564
Markazi	6261	1939	0	216	207
Hormozgan	7710	1825	0	229	205
Hamedan	8299	2646	0	411	327
Yazd	6063	2099	0	331	277

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

Year and Ostan	Health worker	Health attendant (Behvarz)	Midwife	Other paramedics
1385.....	000	27620	10555	000
1390.....	20007	28691	16429	81712
1395.....	11657	30868	23753	101315
1397.....	10302	30259	25207	105626
1398 ⁽¹⁾	9766	30090	24859	103982
1399 ⁽²⁾	9861	28124	25011	103871
1400 ⁽³⁾	9098	28735	27141	116740
1401⁽⁴⁾.....	9387	27263	26017	120004
East Azarbayejan	771	1518	1311	5266
West Azarbayejan	265	1499	1528	4897
Ardebil	33	718	381	2500
Esfahan.....	269	1005	1468	6769
Alborz	383	170	421	2699
Ilam	72	305	345	2286
Bushehr	362	389	486	2131
Tehran	633	298	1091	7778
Chaharmahal&Bakhtiari	120	536	467	2100
South Khorasan	69	457	363	2100
Khorasan-e-Razavi.....	195	2066	2003	11053
North Khorasan	19	526	433	860
Khuzestan.....	1208	1741	2247	9307
Zanjan	153	634	548	1884
Semnan.....	61	204	330	1467
Sistan&Baluchestan	954	1764	1356	5244
Fars.....	1165	1886	1776	8542
Qazvin.....	34	416	364	1926
Qom	73	90	281	1363
Kordestan	165	1024	749	4633
Kerman	567	1574	1458	5500
Kermanshah	233	931	762	3324
Kohgiluyeh&Boyerahmad	118	550	367	2272
Golestan	000	000	000	000
Gilan	149	1409	824	3647
Lorestan	30	910	766	3785
Mazandaran	274	1913	1448	5236
Markazi	164	618	632	2485
Hormozgan	323	1034	643	3451
Hamedan	408	845	664	2998
Yazd	117	233	505	2501

1. Excluding statistics for Khoy University.

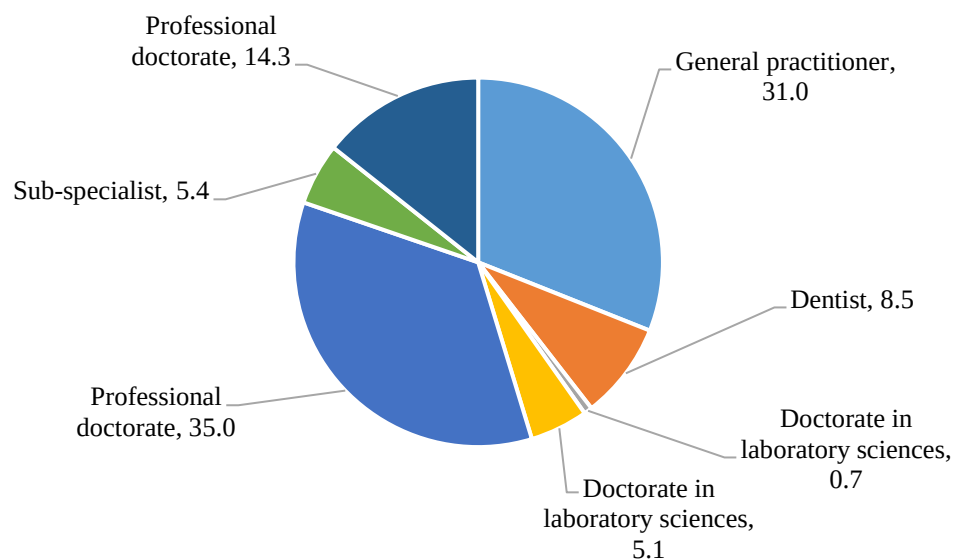
2. Excluding statistics related to Hamedan, Khomeyn and Gonabad Medical Science Universities.

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

4. Excluding statistics related to Esfahan, Iran, Sarab, Golestan, and Gonabad Medical Science Universities.

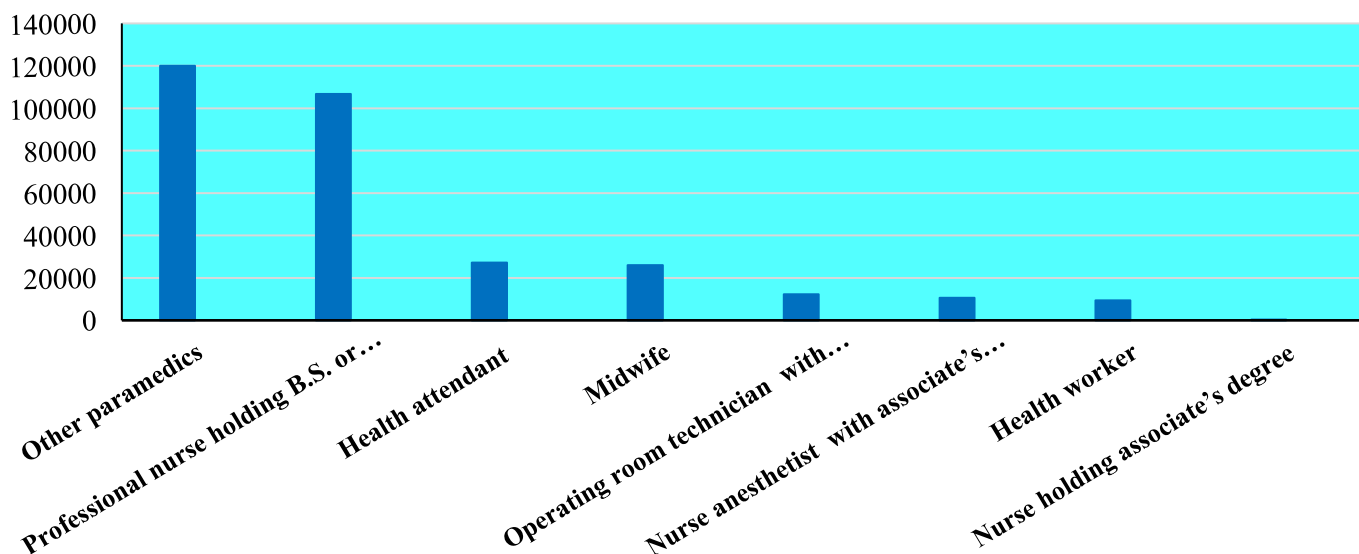
Source: Ministry of Health and Medical Education.

18.2. DISTRIBUTION OF PHYSICIANS EMPLOYED IN THE MINISTRY OF HEALTH AND MEDICAL EDUCATION BY FIELD OF SPECIALITY, THE YEAR 1401



For data see Table 18.2.

18.3. PARAMEDICS EMPLOYED IN THE MEDICAL SCIENCES UNIVERSITIES BY FIELD AND TYPE OF SPECIALITY, THE YEAR 1401



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
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
1401	985	156455	640	112086	64	9632
East Azarbayejan	46	7924	32	5967	3	440
West Azarbayejan.....	38	6358	28	5193	2	260
Ardebil.....	18	2627	13	2137	0	0
Esfahan.	68	10395	46	7138	2	500
Alborz	19	3414	11	2141	0	0
Ilam.....	13	1571	10	1377	0	0
Bushehr.....	18	1779	10	1245	5	260
Tehran	111	25210	37	13066	15	3845
Chaharmahal&Bakhtiyari.....	12	1517	10	1219	0	0
South Khorasan.....	17	1730	14	1489	1	55
Khorasan-e-Razavi	68	12863	44	9774	4	689
North Khorasan.....	12	1583	10	1429	1	50
Khuzestan	62	10195	39	7167	10	1717
Zanjan	14	1922	10	1622	1	50
Semnan	12	1845	9	1557	0	0
Sistan&Baluchestan.....	29	3199	24	2833	2	110
Fars	80	10603	56	7896	4	355
Qazvin.....	16	1997	10	1295	0	0
Qom	9	2721	5	1955	0	0
Kordestan.....	20	3597	16	3273	1	64
Kerman	43	6245	27	4368	4	432
Kermanshah	27	4145	19	3189	3	345
Kohgiluyeh&Boyerahmad.....	12	1436	9	1288	1	50
Golestan	26	3526	17	2739	0	0
Gilan	36	4992	25	3677	1	60
Lorestan	26	3354	17	2486	1	50
Mazandaran	48	7000	32	5446	0	0
Markazi	22	3130	16	2188	0	0
Hormozgan	22	2334	15	1546	3	300
Hamedan.....	21	3697	16	2931	0	0
Yazd	20	3546	13	2455	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
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
1401	70	10792	24	3713	148	14787	36	5181	3	264
East Azarbayejan..	2	427	2	160	6	764	1	166	0	0
West Azarbayejan..	2	288	0	0	5	521	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	7	957	0	0	0	0
Ilam	1	42	0	0	2	152	0	0	0	0
Bushehr	3	274	0	0	0	0	0	0	0	0
Tehran	7	1437	7	2096	34	3593	11	1173	0	0
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	626	8	1170	1	0
North Khorasan	1	104	0	0	0	0	0	0	0	0
Khuzestan	7	628	1	125	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	0	0	0	0	1	0	0	0
Fars	1	300	2	82	14	986	3	984	0	0
Qazvin	2	341	0	0	4	361	0	0	0	0
Qom	1	125	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	718	2	157	0	0
Kermanshah	2	230	0	0	3	381	0	0	0	0
Kohgiluyeh& Boyerahmad	1	66	1	32	0	0	0	0	0	0
Golestan	2	354	1	50	6	383	0	0	0	0
Gilan	1	270	0	0	9	985	0	0	0	0
Lorestan	3	320	0	0	5	498	0	0	0	0
Mazandaran	5	440	2	130	9	984	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	1	200
Yazd	1	256	1	76	3	352	2	407	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.

5. Excluding statistics related to Iran, Sarab, Zabol, and Gonabad Medical Science Universities.

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
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
1402⁽²⁾.....	133340	9780	603	10619	5297	3317	103724
East Azarbayejan	7660	674	69	608	259	202	5848
West Azarbayejan	5533	167	21	481	203	110	4551
Ardebil	2433	234	20	144	54	45	1936
Esfahan.....	9251	765	48	655	322	217	7244
Alborz	3153	118	2	332	129	80	2492
Ilam.	1243	65	8	90	57	21	1002
Bushehr	1478	37	23	111	66	40	1201
Tehran	18386	2608	16	1854	890	463	12555
Chaharmahal&Bakhtiari....	1840	153	0	102	54	59	1472
South Khorasan.	1382	98	10	146	59	51	1018
Khorasan-e-Razavi.....	11282	934	36	1000	363	349	8600
North Khorasan	1420	66	10	92	41	36	1175
Khuzestan.....	8946	665	58	690	399	224	6910
Zanjan	2160	146	17	139	54	61	1743
Semnan.....	1667	67	0	181	66	32	1321
Sistan&Baluchestan	4015	209	14	223	131	101	3337
Fars.....	9578	646	18	695	347	274	7598
Qazvin	2124	70	13	147	88	34	1772
Qom.....	1955	0	4	156	69	53	1673
Kordestan.	3015	200	30	166	91	54	2474
Kerman	5931	439	36	362	259	146	4689
Kermanshah	3364	212	20	286	131	79	2636
Kohgiluyeh &Boyerahmad..	1822	118	14	82	42	27	1539
Golestan	000	000	000	000	000	000	000
Gilan.....	3853	222	6	294	174	46	3111
Lorestan	2671	185	22	224	121	86	2033
Mazandaran	5914	92	14	558	350	147	4753
Markazi	2404	91	23	173	110	45	1962
Hormozgan.....	2664	138	15	167	109	86	2149
Hamedan	3188	207	24	251	101	67	2538
Yazd	3008	154	12	210	158	82	2392

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

2. Excluding statistics related to Iran, Sarab, Golestan, and Gonabad Medical Science Universities.

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
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
1402⁽²⁾	29395	1348	2637	1043	564	245	4849	17048	187	89
East Azarbayejan ..	1607	98	155	58	37	22	227	1004	6	0
West Azarbayejan ..	1511	55	125	54	14	21	222	1004	10	6
Ardebil	767	22	61	36	15	0	106	519	6	2
Esfahan	1384	149	97	68	52	9	469	528	11	1
Alborz	350	49	15	6	9	11	181	79	0	0
Ilam	344	14	29	26	13	3	55	198	4	2
Bushehr	431	26	30	32	24	2	85	219	2	11
Tehran	746	108	30	14	23	8	358	205	0	0
Chaharmahal & Bakhtiyari	560	37	69	25	25	4	93	302	4	1
South Khorasan	504	11	60	19	13	5	66	324	4	2
Khorasan-e-Razavi ..	2339	124	234	52	39	24	452	1402	6	6
North Khorasan	539	15	65	17	4	6	44	382	6	0
Khuzestan	1672	119	133	71	27	19	335	948	8	12
Zanjan	659	27	66	11	11	0	83	453	8	0
Semnan	383	27	39	23	14	4	74	200	2	0
Sistan&Baluchestan ..	1516	45	186	28	34	19	141	1012	44	7
Fars	1842	77	206	98	39	23	291	1088	17	3
Qazvin	463	30	42	9	12	9	96	260	5	0
Qom	201	29	9	5	5	1	92	60	0	0
Kordestan	910	37	71	42	7	0	119	630	2	2
Kerman	1458	48	147	57	21	6	219	952	7	1
Kermanshah	918	26	61	34	13	0	144	631	3	6
Kohgiluyeh& Boyerahmad	489	9	51	17	12	6	52	331	11	0
Golestan	918	22	100	34	12	20	136	591	1	2
Gilan	1312	21	97	66	17	5	143	959	0	4
Lorestan	944	34	82	32	20	12	129	634	1	0
Mazandaran	1792	67	213	23	29	4	186	1263	2	5
Markazi	668	29	68	32	16	2	128	390	2	1
Hormozgan	964	29	106	41	15	8	116	618	18	13
Hamedan	847	21	88	49	16	11	114	547	0	1
Yazd	357	35	36	10	9	0	93	171	2	1

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

2. Excluding statistics related to Iran, Tehran, and Gonabad Medical Science Universities.

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	4231	2075	000	000	000	2156	000	000
1395	5642	2269	321	280	000	2631	141	000
1397 ⁽⁴⁾	5359	1880	192	230	122	2683	142	20
1398 ⁽⁴⁾	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
1401⁽⁶⁾	4927	1472	174	231	103	2673	151	23
East Azarbayejan	180	7	0	2	4	151	1	7
West Azarbayejan.....	91	1	6	0	0	82	0	0
Ardebil	62	18	4	4	2	31	1	0
Esfahan.	358	68	11	24	9	221	16	0
Alborz	175	24	6	7	1	131	2	0
Ilam.	60	34	2	1	2	17	3	0
Bushehr.....	86	46	6	6	0	28	0	0
Tehran	648	35	29	18	27	474	55	0
Chaharmahal& Bakhtiyari...	140	107	1	7	0	22	0	0
South Khorasan.....	38	16	3	6	0	13	0	0
Khorasan-e-Razavi	443	168	22	11	7	203	25	0
North Khorasan.....	38	16	4	4	0	13	1	0
Khuzestan	291	85	16	10	10	163	4	0
Zanjan	76	35	3	7	1	28	2	0
Semnan	53	25	4	3	1	18	0	0
Sistan&Baluchestan.....	158	109	7	7	0	30	1	0
Fars	384	81	5	15	5	252	19	0
Qazvin.....	87	27	0	8	3	47	0	0
Qom	65	7	0	4	5	37	10	0
Kordestan.....	61	16	1	2	0	39	0	0
Kerman	204	113	0	9	6	67	4	0
Kermanshah	143	72	9	9	0	51	0	0
Kohgiluyeh&Boyerahmad...	81	52	1	4	1	23	0	0
Golestan	97	18	6	7	0	59	0	7
Gilan	154	25	8	13	0	103	0	0
Lorestan	81	18	5	5	0	52	0	0
Mazandaran	203	34	7	5	9	141	0	0
Markazi	106	56	1	12	0	37	0	0
Hormozgan	67	15	6	3	3	37	1	1
Hamedan	131	54	0	7	7	56	4	0
Yazd	166	90	1	11	0	47	2	8

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
1397 ⁽⁴⁾	14	2	0	1	72	1	0
1398 ⁽⁴⁾	14	0	0	1	101	1	0
1399	18	2	0	0	116	1	1
1400 ⁽⁵⁾	9	1	1	1	114	1	1
1401⁽⁶⁾	11	1	0	2	85	1	0
East Azarbayejan	0	0	0	0	8	0	0
West Azarbayejan.....	1	0	0	0	1	0	0
Ardebil.....	0	0	0	0	2	0	0
Esfahan.....	0	0	0	0	9	0	0
Alborz.....	0	0	0	0	4	0	0
Ilam.....	0	0	0	0	1	0	0
Bushehr.....	0	0	0	0	0	0	0
Tehran	2	0	0	0	8	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	2	5	0	0
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	2	0	0
Sistan&Baluchestan.....	1	0	0	0	3	0	0
Fars	0	0	0	0	7	0	0
Qazvin.....	0	0	0	0	2	0	0
Qom	0	0	0	0	2	0	0
Kordestan.....	0	0	0	0	3	0	0
Kerman	2	0	0	0	3	0	0
Kermanshah	0	0	0	0	2	0	0
Kohgiluyeh&Boyerahmad...	0	0	0	0	0	0	0
Golestan	0	0	0	0	0	0	0
Gilan	0	0	0	0	5	0	0
Lorestan	0	0	0	0	1	0	0
Mazandaran	1	0	0	0	6	0	0
Markazi	0	0	0	0	0	0	0
Hormozgan	0	0	0	0	1	0	0
Hamedan	0	0	0	0	2	1	0
Yazd	2	1	0	0	4	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. Decrease in number is due to including the centres with permit issuance.

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

6. Excluding statistics related to Asadabad, Iran, Sarab, and Gonabad Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.8. COMPREHENSIVE MEDICAL REHABILITATION CENTRES⁽¹⁾ 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 ⁽⁴⁾
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
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 ⁽⁵⁾	9054	425	336	73	219	7867	111	23
1401⁽⁶⁾	9180	545	376	82	230	7726	162	59
East Azarbayejan ...	225	19	2	0	8	192	0	4
West Azarbayejan..	254	1	0	0	4	248	1	0
Ardebil	106	5	2	0	2	97	0	0
Esfahan	935	48	58	8	27	775	19	0
Alborz	564	26	10	5	5	514	4	0
Ilam	80	3	0	0	1	76	0	0
Bushehr	121	3	6	1	0	111	0	0
Tehran	853	26	3	10	34	755	24	1
Chaharmahal& Bakhtiyari	128	3	21	3	3	98	0	0
South Khorasan.....	136	12	1	4	10	106	3	0
Khorasan-e-Razavi	969	61	80	6	16	761	38	7
North Khorasan.....	91	7	20	1	0	62	1	0
Khuzestan	562	38	29	7	10	477	1	0
Zanjan	117	16	8	0	3	90	0	0
Semnan	66	14	6	1	3	32	3	7
Sistan&Baluchestan	193	39	6	2	1	143	2	0
Fars	811	50	3	4	38	691	25	0
Qazvin	163	11	20	4	4	124	0	0
Qom	184	4	2	3	12	148	15	0
Kordestan	203	3	22	0	0	175	1	2
Kerman	321	15	13	5	5	274	8	1
Kermanshah	218	17	13	3	1	182	0	2
Kohgiluyeh& Boyerahmad	89	1	3	1	2	82	0	0
Golestan	250	10	4	6	0	230	0	0
Gilan	296	0	0	0	1	295	0	0
Lorestan	201	11	8	1	5	176	0	0
Mazandaran	311	23	0	0	21	232	0	35
Markazi	199	2	4	0	6	181	6	0
Hormozgan	105	0	0	0	0	105	0	0
Hamedan	178	32	12	3	5	125	1	0
Yazd	251	45	20	4	3	169	10	0

1. Medical Rehabilitation Centre includes Comprehensive Medical Rehabilitation Centre and all six specialized centres of Medical Rehabilitation.

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

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

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

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

6. Excluding statistics related to Iran, Sarab, Shahroud, and Gonabad Medical Science Universities.

Source: Ministry of Health and Medical Education.

18.9. NUCLEAR DIAGNOSTIC CENTRES, RADIOLOGY INSTITUTE, AND MEDICAL IMAGING CENTER 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	0	1929	104	0
1397	3296	817	110	137	81	2030	99	22
1398 ⁽⁴⁾	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
1401⁽⁶⁾	3217	634	141	131	58	2134	99	20
East Azarbayejan	92	3	0	0	0	83	0	6
West Azarbayejan...	84	1	0	1	0	82	0	0
Ardebil	57	12	0	2	1	42	0	0
Esfahan	291	45	0	21	16	196	12	1
Alborz	143	16	1	2	1	123	0	0
Ilam	26	18	0	0	0	8	0	0
Bushehr	61	12	5	6	0	38	0	0
Tehran	456	20	37	8	9	347	35	0
Chaharmahal& Bakhtiari	44	17	2	3	0	22	0	0
South Khorasan	35	15	2	7	0	10	1	0
Khorasan-e-Razavi .	280	50	18	4	0	184	20	4
North Khorasan	32	15	0	1	2	14	0	0
Khuzestan	186	41	9	9	6	119	2	0
Zanjan	39	12	2	3	0	21	1	0
Semnan	23	9	2	1	0	11	0	0
Sistan & Baluchestan	51	21	2	4	0	23	1	0
Fars	288	86	7	6	6	169	14	0
Qazvin	52	15	2	5	0	30	0	0
Qom	49	8	0	4	3	25	9	0
Kordestan	44	17	4	5	0	18	0	0
Kerman	98	32	0	4	0	55	1	6
Kermanshah	90	23	7	4	0	56	0	0
Kohgiluyeh& Boyerahmad	41	10	6	4	0	21	0	0
Golestan	86	21	1	2	3	59	0	0
Gilan	74	0	0	0	0	74	0	0
Lorestan	68	21	6	7	0	34	0	0
Mazandaran	182	35	11	6	10	118	0	2
Markazi	68	18	7	3	1	39	0	0
Hormozgan	65	16	5	1	0	42	0	1
Hamedan	35	2	0	0	0	32	1	0
Yazd	77	23	5	8	0	39	2	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. Decrease in number is due to including the centres with permit issuance.

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

6. Excluding statistics related to Iran, Sarab, and Gonabad 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	0	168	9929	43	0
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
1401⁽⁵⁾	13190	650	126	143	74	12099	38	60
East Azarbayejan ..	793	34	5	2	3	747	2	0
West Azarbayejan ..	546	26	4	2	2	511	1	0
Ardebil	230	1	4	1	2	221	1	0
Esfahan	1034	10	3	3	2	1016	0	0
Alborz	523	12	3	8	0	495	0	5
Ilam	000	000	000	000	000	000	000	000
Bushehr	153	11	7	9	0	126	0	0
Tehran	1591	27	10	5	21	1517	9	2
Chaharmahal& Bakhtiyari	131	2	2	1	1	125	0	0
South Khorasan	121	14	0	2	3	102	0	0
Khorasan-e-Razavi	1225	50	14	10	6	1129	7	9
North Khorasan	127	10	1	2	0	114	0	0
Khuzestan	770	37	18	27	1	685	2	0
Zanjan	171	17	3	2	1	148	0	0
Semnan	71	71	0	0	0	0	0	0
Sistan& Baluchestan	298	25	3	2	1	264	1	2
Fars	1004	54	8	2	2	914	3	21
Qazvin	194	10	1	2	0	181	0	0
Qom	187	7	1	2	2	167	7	1
Kordestan	210	16	3	6	0	185	0	0
Kerman	442	22	8	4	1	406	1	0
Kermanshah	390	18	8	0	0	364	0	0
Kohgiluyeh& Boyerahmad	122	9	2	4	0	107	0	0
Golestan	325	17	0	8	3	291	0	6
Gilan	528	32	5	1	0	481	0	9
Lorestan	276	18	3	10	6	239	0	0
Mazandaran	755	36	4	5	1	705	0	4
Markazi	218	18	0	7	6	186	0	1
Hormozgan	180	16	5	1	2	156	0	0
Hamedan	284	16	1	3	3	260	1	0
Yazd	291	14	0	12	5	257	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.

5. Excluding statistics related to Iran, Ilam, Tehran, Jiroft, Sarab, Shahroud, and Gonabad 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	0	1986	280	0
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
1401⁽⁵⁾	5638	223	399	240	147	1305	239	57
East Azarbayejan	208	0	20	4	10	55	3	25
West Azarbayejan.....	125	4	14	9	4	49	6	0
Ardebil.....	238	15	12	5	1	22	3	0
Esfahan	402	6	18	7	8	59	31	0
Alborz.....	188	0	6	6	3	64	4	0
Ilam.....	71	10	8	2	3	10	4	0
Bushehr.....	80	10	19	11	0	13	0	0
Tehran.....	676	2	42	19	9	173	68	0
Chaharmahal&Bakhtiari..	60	0	5	5	1	15	1	0
South Khorasan.....	52	13	8	5	0	0	8	0
Khorasan-e-Razavi	432	6	37	10	10	138	33	3
North Khorasan.....	52	8	12	5	0	9	2	1
Khuzestan	361	31	26	25	18	90	7	0
Zanjan.....	78	10	8	7	1	14	0	0
Semnan	46	7	7	6	0	6	1	0
Sistan&Baluchestan.....	313	10	11	7	2	44	3	0
Fars	417	8	26	15	7	84	23	0
Qazvin.....	213	9	5	9	0	37	0	0
Qom	93	5	0	4	8	25	12	0
Kordestan.....	61	1	8	7	0	10	4	0
Kerman	249	14	12	11	3	75	11	14
Kermanshah	170	3	10	4	0	55	0	0
Kohgiluyeh&Boyerahmad	76	3	9	3	2	33	0	0
Golestan.....	123	0	0	6	13	0	0	0
Gilan	123	2	17	9	4	47	3	0
Lorestan	122	18	19	9	4	24	1	0
Mazandaran	221	25	4	3	24	56	1	1
Markazi	79	1	14	4	3	10	3	0
Hormozgan	92	2	4	7	0	34	0	10
Hamedan.....	69	0	4	6	6	13	3	2
Yazd	148	0	14	10	3	41	4	1

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
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
1401⁽⁵⁾	899	99	94	30	1868	28	10
East Azarbayejan	3	3	1	2	75	1	6
West Azarbayejan	1	3	1	3	30	1	0
Ardebil	139	0	19	1	21	0	0
Esfahan	32	4	0	1	228	8	0
Alborz	2	1	1	0	100	1	0
Ilam	18	0	0	0	16	0	0
Bushehr	0	1	0	0	26	0	0
Tehran	12	13	3	3	331	1	0
Chaharmahal&Bakhtiari..	15	1	0	0	17	0	0
South Khorasan	12	1	0	0	5	0	0
Khorasan-e-Razavi	23	1	1	3	164	3	0
North Khorasan	5	0	0	1	9	0	0
Khuzestan	32	2	2	0	128	0	0
Zanjan	10	3	2	0	21	2	0
Semnan	6	1	0	2	10	0	0
Sistan&Baluchestan	172	24	15	0	23	2	0
Fars	77	1	0	0	174	2	0
Qazvin	100	7	32	0	14	0	0
Qom	13	0	1	1	22	2	0
Kordestan	17	0	2	0	12	0	0
Kerman	36	0	0	3	65	1	4
Kermanshah	21	4	0	2	71	0	0
Kohgiluyeh&Boyerahmad	1	1	0	0	24	0	0
Golestan	15	22	8	6	52	1	0
Gilan	2	2	1	0	36	0	0
Lorestan	3	1	0	2	40	1	0
Mazandaran	95	0	0	0	12	0	0
Markazi	5	1	3	0	33	2	0
Hormozgan	3	0	0	0	32	0	0
Hamedan	10	1	0	0	24	0	0
Yazd	19	1	2	0	53	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 Tehran, Zabol and Yazd Medical Science Universities.

5. Excluding statistics related to Iran, Sarab, Shahroud, and Gonabad 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
1397	2536	967	1569
1398	2609	999	1610
1399	2688	1061	1627
1400 ⁽¹⁾	2863	1135	1728
1401⁽²⁾	2969	1165	1804
East Azarbayejan	134	64	70
West Azarbayejan	116	53	63
Ardebil	64	30	34
Esfahan.	188	92	96
Alborz	69	41	28
Ilam	48	16	32
Bushehr	53	17	36
Tehran ⁽¹⁾	41	12	29
Chaharmahal&Bakhtiari	60	20	40
South Khorasan	84	22	62
Khorasan-e-Razavi	255	135	120
North Khorasan	58	17	41
Khuzestan	194	69	125
Zanjan	62	22	40
Semnan	52	15	37
Sistan&Baluchestan	176	47	129
Fars	230	78	152
Qazvin	55	25	30
Qom	42	23	19
Kordestan	64	27	37
Kerman	151	52	99
Kermanshah	72	32	40
Kohgiluyeh&Boyerahmad	50	17	33
Golestan	63	25	38
Gilan	79	33	46
Lorestan	96	36	60
Mazandaran	116	40	76
Markazi	68	26	42
Hormozgan	91	23	68
Hamedan	73	27	46
Yazd	65	29	36

1. Excluding statistics related to Yazd Medical Science University.

2. Excluding statistics related to Iran, Tehran, Sarab, Rafsanjan, and Gonabad Medical Science Universities.

3. 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 1401 (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	2174288	1949702	1214444	2078809	591246	1080889
East Azarbayejan.....	92208	89044	55919	89370	36750	53523
West Azarbayejan	67898	61818	34300	48414	3471	34325
Ardebil	36983	35933	13014	26536	8181	12541
Esfahan.....	135003	118252	78774	132272	41895	81206
Alborz	58495	57260	14265	40803	9442	10696
Ilam	17893	16390	3826	13041	2848	3321
Bushehr	34550	21286	13030	27502	7354	11462
Tehran	349214	343876	287007	406091	147102	280496
Chaharmahal & Bakhtiari ...	23833	19527	12888	16880	9896	11990
South Khorasan.....	21267	19872	8468	13678	6291	7931
Khorasan-e-Razavi.....	149007	119060	93976	145033	40618	85214
North Khorasan.....	25282	23777	8851	10839	4560	6845
Khuzestan.....	123888	97752	58311	139119	37920	57014
Zanjan	25197	24703	12780	18461	5159	11503
Semnan.....	30125	28498	7428	18008	5877	5846
Sistan&Baluchestan	55443	50018	34874	118846	15223	17370
Fars.....	161288	129962	108950	158591	51057	86136
Qazvin	38702	34915	15776	25066	7712	14554
Qom	39316	34433	16724	27281	8470	15506
Kordestan	33965	31242	18204	23381	10345	14170
Kerman	75980	71425	49989	71583	18883	37221
Kermanshah	50260	47536	37270	44975	12593	33387
Kohgiluyeh & Boyerahmad.....	20494	19736	12588	17401	4435	8634
Golestan	59614	50198	31110	55554	12448	26753
Gilan.....	85184	77001	28949	86119	10890	24465
Lorestan.....	50113	48194	10240	29597	10785	8690
Mazandaran.....	132225	112957	56141	119546	17840	45136
Markazi	37441	36300	21222	25961	10174	19116
Hormozgan.....	58787	50016	19265	59873	10559	15206
Hamedan	41580	39941	32680	30217	11635	27551
Yazd	43053	38780	17625	38771	10833	13081

Source: Iranian Blood Transfusion Organization (IBTO).

18.14. DONORS AND AMOUNT OF DONATED BLOODS BY GENDER AND DONATION STATUS, THE YEAR 1401
(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.....	2758101	2223492	2122667	100825	1203364	679223	340905
East Azarbayejan.....	115432	93803	91034	2769	47998	31092	14713
West Azarbayejan.....	82664	70172	68162	2010	33735	24005	12432
Ardebil.....	45543	37439	35263	2176	20724	11571	5144
Esfahan.....	171385	137301	132904	4397	79073	38637	19591
Alborz.....	77442	60344	57896	2448	28407	19517	12420
Ilam.....	21583	18201	17006	1195	8503	5626	4072
Bushehr.....	44084	36002	34277	1725	18726	9923	7353
Tehran.....	462633	369523	355392	14131	183730	123939	61854
Chaharmahal&Bakhtiari.....	29847	24271	23348	923	11434	8310	4527
South Khorasan.....	26417	22086	20552	1534	12983	5731	3372
Khorasan-e-Razavi.....	199719	151030	142642	8388	82485	44740	23805
North Khorasan.....	30588	25619	23697	1922	13786	6584	5249
Khuzestan.....	153960	125785	122785	3000	66172	39013	20600
Zanjan.....	30901	25473	23773	1700	12753	8189	4531
Semnan.....	36460	30511	28590	1921	20698	6981	2832
Sistan&Baluchestan.....	69380	55941	52103	3838	31217	15798	8926
Fars.....	219943	163139	154186	8953	88042	56218	18879
Qazvin.....	53337	38967	36226	2741	22298	11612	5057
Qom.....	48534	39977	38829	1148	25371	10643	3963
Kordestan.....	41052	34682	31516	3166	16811	10301	7570
Kerman.....	95730	77185	72857	4328	44690	21754	10741
Kermanshah.....	64481	51285	48482	2803	23859	17429	9997
Kohgiluyeh&Boyerahmad.....	24757	20999	20257	742	11411	6372	3216
Golestan.....	68734	60052	56162	3890	36141	15555	8356
Gilan.....	101303	86661	83367	3294	49120	24804	12737
Lorestan.....	59496	50535	45678	4857	25635	14196	10704
Mazandaran.....	163076	133740	130132	3608	82571	38885	12284
Markazi.....	46627	38309	36038	2271	21154	12392	4763
Hormozgan.....	66872	59138	56924	2214	34266	15330	9542
Hamedan.....	50594	41963	40516	1447	22474	12484	7005
Yazd.....	55527	43359	42073	1286	27097	11592	4670

Source: Iran Blood Transfusion Organization (IBTO).

18.15. NUMBER OF THE EMPLOYED ⁽¹⁾ IN THE GOVERNMENTAL VETERINARY SECTOR BY EDUCATIONAL FIELD, THE YEAR 1401

Description	Total	Related Educational Field				Other educational field
		Sub-professional doctorate	Professional doctorate	B.S and M.S	Associate degree	
Total country.....	6352	198	1914	1785	1025	1430
Central Organization.....	276	8	93	53	46	76
East Azarbayejan.....	241	6	104	47	36	48
West Azarbayejan.....	177	1	58	53	16	49
Ardebil.....	292	4	76	73	58	81
Esfahan.....	138	5	53	32	13	35
Alborz.....	154	1	39	82	26	6
Ilam.....	180	7	34	69	32	38
Bushehr.....	271	5	144	66	19	37
Tehran.....	136	9	44	37	17	29
Chaharmahal&Bakhtiari.....	163	1	38	42	40	42
South Khorasan.....	351	19	136	104	52	40
Khorasan-e-Razavi.....	140	4	28	46	26	36
North Khorasan.....	306	5	73	63	73	92
Khuzestan.....	119	4	26	32	20	37
Zanjan.....	126	3	40	39	9	35
Semnan.....	207	2	48	93	36	28
Sistan&Baluchestan.....	276	11	100	59	32	74
Fars.....	145	9	34	38	26	38
Qazvin.....	87	3	20	26	13	25
Qom.....	147	1	44	61	26	15
Kordestan.....	371	6	105	92	110	58
Kerman.....	176	1	46	33	50	46
Kermanshah.....	105	6	27	24	11	37
Kohgiluyeh&Boyerahmad.....	216	10	61	80	30	35
Golestan.....	179	7	53	44	44	31
Gilan.....	163	6	35	71	18	33
Lorestan.....	359	19	122	84	53	81
Mazandaran.....	145	5	40	45	24	31
Markazi.....	153	2	31	73	18	29
Hormozgan.....	143	1	40	52	21	29
Hamedan.....	124	3	36	36	22	27
Yazd.....	286	24	86	36	8	132

Sources: Iran Veterinary Organization.

18.16. OPERATING MEDICAL CENTRES IN THE PRIVATE VETERINARY SECTOR, THE YEAR 1401

Ostan	Livestock vaccination centres	Hospital	Veterinary clinic	Veterinary pharmacy	Veterinary lab	
					Public	Private
Total country	1345	181	2159	2466	252	265
East Azarbayejan.....	80	3	84	196	6	11
West Azarbayejan	135	19	105	217	18	21
Ardebil	49	0	59	94	5	3
Esfahan.....	83	11	259	135	23	14
Alborz	14	8	83	27	2	7
Ilam	18	3	16	39	13	4
Bushehr	3	0	10	14	2	4
Tehran	33	42	325	85	5	35
Chaharmahal&Bakhtiari ...	23	7	3	50	8	2
Khorasan-e-Razavi.....	24	0	26	26	11	2
South Khorasan.....	124	13	213	165	28	23
North Khorasan.....	24	6	27	22	6	4
Khuzestan.....	59	1	88	94	6	7
Zanjan	15	0	13	27	2	2
Semnan.....	19	2	25	30	8	8
Sistan&Baluchestan	25	0	32	31	4	1
Fars.....	71	11	77	151	15	21
Qazvin	11	4	8	34	2	4
Qom	17	2	25	18	1	4
Kordestan	26	7	66	63	3	13
Kerman	67	1	80	104	17	5
Kermanshah	57	1	78	96	9	1
Kohgiluyeh&Boyerahmad ..	25	1	5	24	3	1
Golestan	38	14	58	109	2	19
Gilan.....	62	7	69	80	16	6
Lorestan.....	58	1	28	96	1	2
Mazandaran.....	97	11	198	278	19	29
Markazi	32	2	39	45	12	5
Hormozgan.....	14	1	0	13	1	2
Hamedan	28	1	35	54	3	4
Yazd	14	2	25	49	1	1

Sources: Iran Veterinary Organization.