

T *Introduction*

This chapter presents data on the manpower employed in the Ministry of Health and Medical Education (government sector), the manpower working in the veterinary sector, and the health and medical equipment and facilities in both government and private sectors affiliated with the Ministry of Health and Medical Education and the Iran Veterinary Organization. Additionally, it includes information on blood products produced and distributed to medical centers.

The collection of statistical data on the health and medical activities of the country was first initiated 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

1. **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): his refers to male and female workforce members operating in a health home, responsible for delivering primary health care services. To qualify, they must be native residents of one of the villages covered by the health home and have successfully completed practical and theoretical courses (internship) in this field. The maximum age for high.

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.

Active Hospital: This is a hospital that admits outpatients and inpatients on a round-the-clock

Approved Hospital Bed: This refers to a bed that a hospital is authorized to maintain and utilize, based on official government permission and the latest license obtained. Accordingly, the hospital must possess an official permit, and the bed must be included in the hospital bed level classification. The number of approved beds is not necessarily the same as the number of active hospital beds.

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.

Cardiac Care Unit (CCU): This is one of the specialized wards of the hospital that, based on scientific principles and utilizing specialized medical and nursing staff along with all necessary equipment, facilities, medical technology, and medications, is responsible for the treatment and care of patients suffering from acute cardiac conditions.

Neonatal Intensive Care Unit (NICU): It is one of the specialized wards of the hospital. This unit provides advanced supportive care for newborn infants (0 to 28 days) who have multiple organ dysfunction syndromes (MODS), weigh fewer than 1500 grams, have a gestational age of less than 32 weeks, or have respiratory distress syndrome. This care is delivered according to scientific standards, utilizing medical specialists, nursing staff, and all necessary 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 1402, 56,733 physicians and 314,545 paramedics were employed in the medical universities of the country. Among the employed medical professionals in this year, there were 18,189 general practitioners, 4,678 dentists, 392 PhDs in laboratory sciences, 2,829 pharmacists, 18,819 medical specialists, 3,289 sub-specialist physicians, and 8,537 individuals with a specialized doctorate (PhD).

In the year 1402, the total number of active hospitals in the country was 1,073, of which 745 hospitals belonged to the government sector and 328 hospitals belonged to the non-governmental sector

In this year, the total number of approved hospital beds was 172,773, of which 146,781 beds were active.

In the year 1402, there were 6,045 comprehensive health service centers, 5,716 health stations, and 17,835 active health homes nationwide

In the year 1402, there were 5436 operating medical diagnostic laboratories and 181 operating genetic diagnostic laboratories in the country. In the same year, the number of operating pharmacies across the country was 14816.

Moreover in this year, 2,873,975 people visited the relevant centers for blood donation, resulting in a total of 2,327,977 units of blood donated.

In the year 1402, there were 2,631 veterinary pharmacies, 1,399 livestock vaccination centers, and 2,155 private veterinary clinics in the country.

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
1398 ⁽⁴⁾	450225	50212	280821	119192
1399 ⁽⁵⁾	459050	52968	285834	120248
1400 ⁽⁶⁾	485371	52050	311121	122200
1401 ⁽⁷⁾	496160	55212	312602	128346
1402⁽⁸⁾	497333	56733	314545	126055
East Azarbayejan	22801	2637	14800	5364
West Azarbayejan	22291	1912	14887	5492
Ardebil	9530	1041	6662	1827
Esfahan.....	29947	4170	18507	7270
Alborz	11115	1316	6907	2892
Ilam	7368	873	5060	1435
Bushehr	8414	832	5241	2341
Tehran	40817	5843	21506	13468
Chaharmahal&Bakhtiyari	9514	1182	5933	2399
South Khorasan	7406	784	5092	1530
Khorasan-e-Razavi.....	16877	3972	9936	2969
North Khorasan	6553	732	4413	1408
Khuzestan.....	37462	3544	22389	11529
Zanjan	8252	900	5367	1985
Semnan.....	4129	506	2331	1292
Sistan&Baluchestan	21453	1737	13807	5909
Fars.....	39055	3775	24956	10324
Qazvin.	7694	825	4694	2175
Qom.....	4958	560	3872	526
Kordestan	14028	1360	9346	3322
Kerman.....	23671	2768	14792	6111
Kermanshah	17482	1677	11379	4426
Kohgiluyeh&Boyerahmad.	7498	721	5068	1709
Golestan	16908	1543	11820	3545
Gilan.....	16088	1852	10623	3613
Lorestan.....	13057	1180	9483	2394
Mazandaran.....	28695	3526	17196	7973
Markazi	10710	1068	6743	2899
Hormozgan.....	11895	1160	7729	3006
Hamedan	11819	1376	7878	2565
Yazd	9846	1361	6128	2357

1. Including all employed individuals within the medical profession, encompassing those with doctoral specializations..

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.

8. Excluding statistics related to Iran, Gonabad, Mashhad, Shahrood, Esfarayen, and Asadabad 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
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
1402⁽⁶⁾.....	56733	18189	4678	392	2829	18819	3289	8537
East Azarbayejan.....	2637	782	207	7	137	820	146	538
West Azarbayejan	1912	689	98	19	111	692	59	244
Ardebil	1041	344	105	3	55	330	56	148
Esfahan.....	4170	1337	329	51	219	1518	217	499
Alborz	1316	405	104	25	127	412	113	130
Ilam	873	333	103	9	35	227	34	132
Bushehr	832	249	63	1	35	319	35	130
Tehran	5843	938	474	14	315	1974	607	1521
Chaharmahal&Bakhtiyari ...	1182	440	116	19	48	357	57	145
South Khorasan	784	222	79	0	39	285	25	134
Khorasan-e-Razavi.....	3972	1212	317	5	201	1401	310	526
North Khorasan	732	270	76	8	38	236	26	78
Khuzestan.....	3544	1286	205	46	158	1270	154	425
Zanjan	900	222	105	13	33	258	82	187
Semnan.....	506	116	40	0	22	137	59	132
Sistan&Baluchestan	1737	619	185	5	62	560	57	249
Fars.....	3775	1380	179	18	176	1321	186	515
Qazvin.....	825	226	115	15	32	299	73	65
Qom	560	146	63	1	18	205	53	74
Kordestan.....	1360	560	116	9	51	422	60	142
Kerman	2768	931	255	16	110	883	109	464
Kermanshah	1677	622	112	3	122	478	66	274
Kohgiluyeh&Boyerahmad ..	721	240	85	7	30	233	29	97
Golestan	1543	681	125	13	74	411	72	166
Gilan	1852	745	179	4	101	545	106	172
Lorestan	1180	441	68	6	67	376	45	177
Mazandaran	3526	1154	317	10	161	1205	192	487
Markazi	1068	395	90	11	68	349	49	106
Hormozgan	1160	428	82	38	48	377	69	118
Hamedan	1376	416	138	14	72	439	62	235
Yazd	1361	360	148	2	64	479	81	227

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, North Khorasan (Bojnurd), Jiroft Medical Science Universities.

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

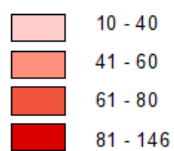
6. Excluding statistics related to Iran, Gonabad, Shahrood, Esfarayen, and Asadabad, Medical Science Universities

Source: Ministry of Health, Treatment and Medical Education.

18.1. Number of Physicians per 100000 Population, the Year 1402



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
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
1402⁽⁵⁾	314545	106530	658	12475	11026
East Azarbayejan	14800	5627	1	541	512
West Azarbayejan	14887	5354	7	498	416
Ardebil	6662	2368	0	264	218
Esfahan	18507	7140	8	751	693
Alborz	6907	2412	1	242	259
Ilam	5060	1428	5	208	203
Bushehr	5241	1220	000	195	192
Tehran	21506	9115	14	1242	1154
Chaharmahal&Bakhtiari...	5933	2000	42	250	177
South Khorasan.....	5092	1644	0	188	149
Khorasan-e-Razavi.	9936	2869	524	329	340
North Khorasan.....	4413	1477	000	160	132
Khuzestan	22389	5761	3	879	712
Zanjan	5367	1778	1	174	164
Semnan	2331	816	5	116	103
Sistan&Baluchestan	13807	2837	4	602	467
Fars	24956	8932	4	1051	827
Qazvin.....	4694	1695	0	183	184
Qom	3872	1690	0	190	177
Kordestan.....	9346	2731	8	332	258
Kerman	14792	4304	5	516	508
Kermanshah	11379	4064	2	501	365
Kohgiluyeh&Boyerahmad...	5068	1767	0	175	147
Golestan.....	11820	4932	4	289	310
Gilan	10623	3728	6	387	350
Lorestan	9483	3119	1	363	372
Mazandaran	17196	7185	12	625	602
Markazi.....	6743	2047	0	238	220
Hormozgan	7729	1849	1	231	214
Hamedan.....	7878	2475	0	388	316
Yazd.....	6128	2166	0	367	285

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
1398 ⁽¹⁾	9766	30090	24859	103982
1399 ⁽²⁾	9861	28124	25011	103871
1400 ⁽³⁾	9098	28735	27141	116740
1401 ⁽⁴⁾	9387	27263	26017	120004
1402⁽⁵⁾	8576	26843	26740	121697
East Azarbayejan	120	1395	981	5623
West Azarbayejan.....	251	1455	1543	5363
Ardebil	56	691	512	2553
Esfahan	219	955	1626	7115
Alborz	334	145	652	2862
Ilam	71	318	371	2456
Bushehr	411	384	513	2326
Tehran	710	492	1285	7494
Chaharmahal&Bakhtiari..	110	477	584	2293
South Khorasan.....	67	461	369	2214
Khorasan-e-Razavi	109	1201	806	3758
North Khorasan.....	15	447	505	1677
Khuzestan	1364	1928	2434	9308
Zanjan	129	663	286	2172
Semnan	25	104	211	951
Sistan&Baluchestan	964	1699	1399	5835
Fars	1126	1793	2051	9172
Qazvin.....	36	386	452	1758
Qom	74	90	283	1368
Kordestan.....	224	890	688	4215
Kerman	510	1602	1512	5835
Kermanshah	217	865	687	4678
Kohgiluyeh&Boyerahmad.	115	520	377	1967
Golestan	32	1214	1203	3836
Gilan	93	1383	852	3824
Lorestan	27	934	774	3893
Mazandaran	256	1814	1427	5275
Markazi	159	557	602	2920
Hormozgan	290	967	674	3503
Hamedan	380	786	616	2917
Yazd	82	227	465	2536

1. Excluding statistics for Khoy University.

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

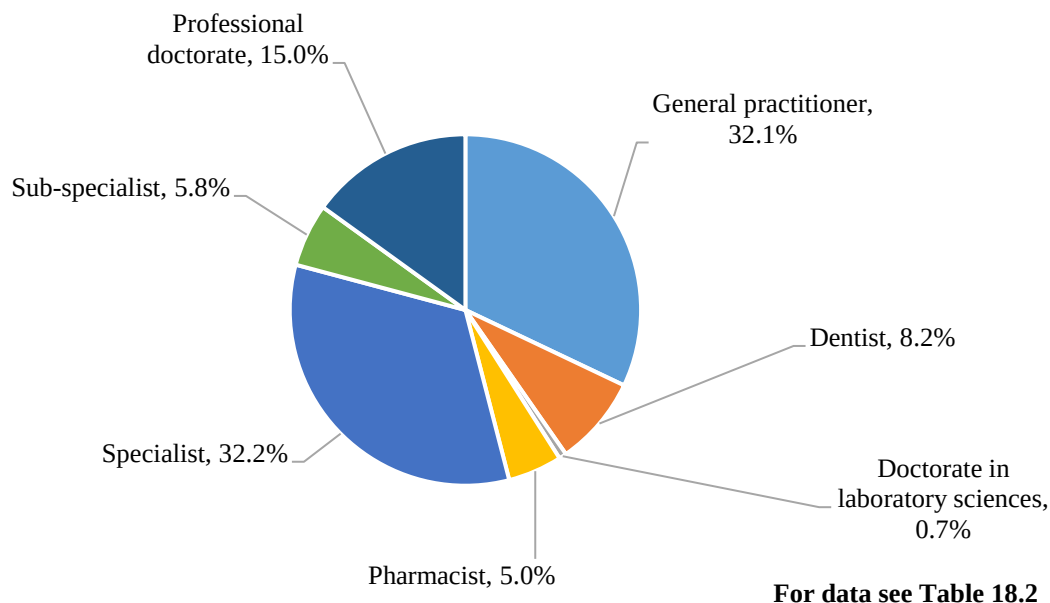
3. Excluding statistics related to Tehran and North Khorasan (Bojnurd) Medical Science Universities.

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

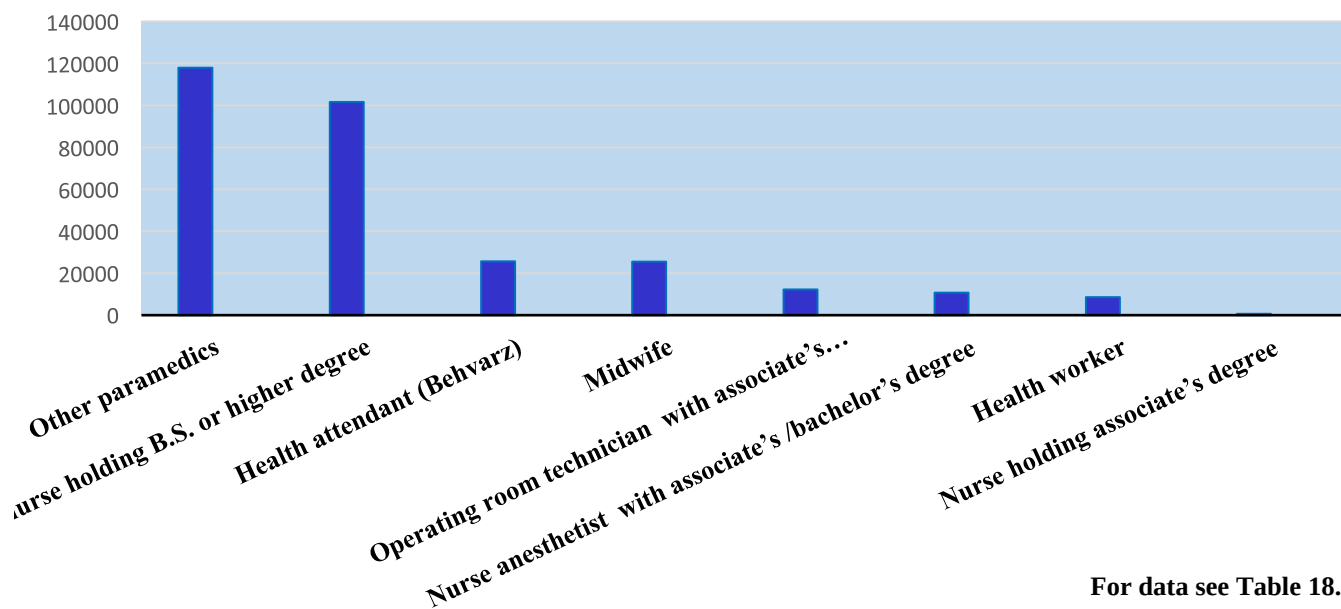
5. Excluding statistics related to Asabad, Esfarayen, Iran, Mashhad and Shahroodn Medical Science Universities

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 1402



18.3. PARAMEDICS EMPLOYED IN THE MEDICAL SCIENCES UNIVERSITIES BY FIELD AND TYPE OF SPECIALITY, THE YEAR 1402



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
1398	1038	161218	648	109444	72	9796
1399	1032	161377	641	110025	62	9239
1400 ⁽⁴⁾	1020	161555	641	112081	64	9444
1401 ⁽⁵⁾	985	156455	640	112086	64	9632
1402⁽⁶⁾	1073	172773	676	119819	69	9908
East Azarbayejan	48	8224	34	6193	3	440
West Azarbayejan.....	37	5830	27	4665	2	260
Ardebil.....	18	2633	13	2143	0	0
Esfahan.	68	9566	45	6525	2	371
Alborz	20	3696	12	2423	0	0
Ilam.....	13	1571	10	1377	0	0
Bushehr.....	18	1845	10	1245	5	260
Tehran.....	199	40007	73	19511	18	4309
Chaharmahal&Bakhtiyari.....	12	2441	10	2143	0	0
South Khorasan.....	17	1769	14	1551	1	32
Khorasan-e-Razavi	67	13319	43	10066	4	371
North Khorasan.....	10	1387	9	1283	0	
Khuzestan	63	10822	40	7724	9	1685
Zanjan.....	14	1922	10	1622	1	50
Semnan	8	1036	6	844	0	0
Sistan&Baluchestan.....	29	3179	24	2813	2	110
Fars	81	10971	58	8296	4	355
Qazvin.....	16	1997	10	1295	0	0
Qom	9	2724	5	1958	1	118
Kordestan.....	20	3597	16	3273	1	64
Kerman	43	6542	27	4647	4	432
Kermanshah	28	4232	20	3276	3	345
Kohgiluyeh&Boyerahmad.....	13	1532	10	1379	1	50
Golestan	26	3233	17	2446	0	0
Gilan	36	4999	25	3677	1	60
Lorestan	26	3327	17	2465	1	32
Mazandaran	48	7189	32	5549	0	0
Markazi	22	3332	16	2342	0	0
Hormozgan	23	2398	15	1546	4	364
Hamedan.....	21	3857	15	3081	2	200
Yazd	20	3596	13	2461	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
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 ⁽⁵⁾	70	10792	24	3713	148	14787	36	5181	3	264
1402⁽⁶⁾	77	12794	25	4139	186	20406	38	5315	2	392
East Azarbayejan	2	427	2	234	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	810	4	586	10	887	4	387	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	340	0	000	0	000	0	000	0	000
Tehran	12	3169	11	2703	73	9066	12	1249	0	0
Chaharmahal & Bakhtiyari	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	592	0	0	8	777	8	1185	1	328
North Khorasan	1	104	0	000	0	000	0	000	0	000
Khuzestan	8	730	1	125	4	447	1	111	0	0
Zanjan	2	150	0	000	1	100	0	000	0	000
Semnan	1	128	0	0	1	64	0	0	0	0
Sistan&Baluchestan	2	256	0	0	0	0	1	0	0	0
Fars	1	300	1	50	14	986	3	984	0	0
Qazvin	2	341	0	0	4	361	0	0	0	0
Qom	1	125	0	0	0	0	2	523	0	0
Kordestan	2	210	0	0	1	50	0	0	0	0
Kerman	3	570	0	0	7	736	2	157	0	0
Kermanshah	2	230	0	0	3	381	0	0	0	0
Kohgiluyeh& Boyerahmad	1	66	1	37	0	0	0	0	0	0
Golestan	2	354	1	50	6	383	0	0	0	0
Gilan	2	332	0	0	8	930	0	0	0	0
Lorestan	3	320	0	0	5	510	0	0	0	0
Mazandaran	5	514	2	130	9	996	0	0	0	0
Markazi	3	444	0	0	3	546	0	0	0	0
Hormozgan	1	300	0	0	2	124	0	0	1	64
Hamedan	2	426	0	0	1	100	1	50	0	0
Yazd	1	300	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.

6. Excluding statistics related to Asadabad, Esfarayen, Zabol, Gonabad and Shahrood 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
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
1401 ⁽²⁾	133340	9780	603	10619	5297	3317	103724
1402⁽³⁾.....	146781	10718	1096	12042	6066	3746	113113
East Azarbayejan	8090	910	70	690	271	185	5964
West Azarbayejan	5430	173	20	470	188	114	4465
Ardebil	2463	234	20	144	56	45	1964
Esfahan.....	9156	779	44	638	317	211	7167
Alborz	3323	118	13	375	134	81	2602
Ilam.	979	58	8	90	53	21	749
Bushehr	1450	38	23	117	69	40	1163
Tehran	30550	2948	392	3298	1530	861	21521
Chaharmahal&Bakhtiari....	1868	149	10	100	51	54	1504
South Khorasan	1427	98	10	149	57	51	1062
Khorasan-e-Razavi.....	9942	906	38	878	324	304	7492
North Khorasan	1261	56	10	79	33	27	1056
Khuzestan.....	9091	736	62	673	409	230	6981
Zanjan	2130	145	14	124	54	61	1732
Semnan.....	950	30	0	80	46	18	776
Sistan&Baluchestan	3779	211	22	207	136	105	3098
Fars.....	9620	724	83	673	347	277	7516
Qazvin	2121	70	13	147	88	34	1769
Qom.....	1905	0	2	157	70	51	1625
Kordestan.	2955	200	30	160	91	56	2418
Kerman	5579	457	36	324	281	159	4322
Kermanshah	3679	212	20	286	131	83	2947
Kohgiluyeh &Boyerahmad..	1514	119	10	76	33	27	1249
Golestan	3256	98	25	240	149	69	2675
Gilan.....	3897	222	6	286	187	53	3143
Lorestan	2914	189	17	229	127	87	2265
Mazandaran	6106	231	38	561	355	143	4778
Markazi	2490	90	9	175	99	44	2073
Hormozgan.....	2713	154	15	162	110	86	2186
Hamedan	3216	210	24	244	103	87	2548
Yazd	2927	153	12	210	167	82	2303

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.

3. Excluding statistics related to Asadabad, Esfarayen, Gonabad and Shahrood 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
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
1401 ⁽²⁾	28010	1348	2637	1043	564	245	4849	17048	187	89
1402⁽³⁾	29874	1577	2783	1096	589	294	5422	17835	187	91
East Azarbayejan ..	1592	101	158	56	28	21	231	989	5	3
West Azarbayejan ..	1532	57	125	55	24	22	229	1004	10	6
Ardebil	770	23	60	38	15	0	108	518	6	2
Esfahan	1392	150	97	67	53	9	476	528	11	1
Alborz	340	50	16	13	10	11	161	79	0	0
Ilam	349	16	29	27	13	3	57	198	4	2
Bushehr	438	28	29	32	24	1	86	224	3	11
Tehran	1472	245	81	26	26	40	738	312	1	3
Chaharmahal & Bakhtiari	564	37	69	25	25	4	92	308	4	0
South Khorasan	509	11	61	19	13	5	66	328	4	2
Khorasan-e-Razavi ..	2363	125	245	57	37	26	456	1407	5	5
North Khorasan	464	14	54	16	0	5	50	320	5	0
Khuzestan	1705	120	134	75	27	18	340	971	8	12
Zanjan	660	27	66	11	11	0	84	453	8	0
Semnan	158	13	11	12	4	3	41	74	0	0
Sistan&Baluchestan ..	1521	44	182	17	39	17	144	1027	44	7
Fars	1842	77	204	99	40	23	292	1088	16	3
Qazvin	464	30	43	9	12	9	96	260	5	0
Qom	197	28	7	4	3	1	93	61	0	0
Kordestan	912	38	70	42	7	0	120	631	2	2
Kerman	1471	49	149	56	20	6	219	966	5	1
Kermanshah	919	26	61	36	12	0	144	631	3	6
Kohgiluyeh& Boyerahmad	494	8	51	18	12	6	56	332	11	0
Golestan	926	22	101	35	12	21	138	594	1	2
Gilan	1306	21	97	61	18	5	141	959	0	4
Lorestan	928	37	81	34	19	13	129	613	2	0
Mazandaran	1793	67	212	24	29	4	186	1264	2	5
Markazi	668	29	66	33	16	2	131	388	2	1
Hormozgan	990	29	108	42	15	8	117	641	18	12
Hamedan	778	20	80	47	16	11	108	496	0	0
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.

3. Excluding statistics related to Asadabad, Esfaryen, Gonabad and Shahrood Medical Science Universities

Source: Ministry of Health and Medical Education.

18.7. MEDICAL AND GENETICS DIAGNOSTIC LABORATORY⁽¹⁾ BY TYPE OF AFFILIATION

Year and Ostan	Total	Medical diagnostic laboratory						
		State-run		Non-public				
		Medical Science University	Other public institutions and organizations ⁽²⁾	Social Security	Other public institutions and organizations ⁽³⁾	Private	Charity	Other ⁽⁴⁾
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
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
1401 ⁽⁶⁾	4927	1472	174	231	103	2673	151	23
1402⁽⁷⁾	5436	1457	199	238	99	3080	152	30
East Azarbayejan	189	12	0	2	4	150	1	12
West Azarbayejan.....	92	1	0	0	0	88	0	0
Ardebil	62	18	4	4	3	30	1	0
Esfahan.	363	63	11	27	7	229	16	0
Alborz	177	26	0	6	9	132	2	0
Ilam.....	67	34	4	3	0	24	1	0
Bushehr.....	86	43	8	7	000	28	000	000
Tehran.....	1114	61	48	30	32	814	57	0
Chaharmahal& Bakhtiyari...	138	106	2	6	0	22	0	0
South Khorasan.....	39	16	3	6	0	13	1	0
Khorasan-e-Razavi	453	166	27	10	1	209	26	1
North Khorasan.....	25	9	000	1	2	12	000	000
Khuzestan	296	80	16	10	11	170	4	0
Zanjan	73	34	3	7	1	26	2	000
Semnan	23	6	2	2	0	9	0	0
Sistan&Baluchestan.....	140	95	4	6	0	30	1	0
Fars	388	70	7	13	5	267	19	0
Qazvin.....	92	29	3	8	1	49	0	0
Qom	60	7	3	4	0	34	10	0
Kordestan.....	63	16	1	2	0	41	0	0
Kerman	206	110	5	9	1	70	5	0
Kermanshah	147	72	9	9	0	55	0	0
Kohgiluyeh&Boyerahmad...	83	53	2	4	0	24	0	0
Golestan	100	18	6	7	0	60	0	7
Gilan	155	25	7	13	0	102	0	0
Lorestan	81	17	3	5	0	56	0	0
Mazandaran	216	34	7	5	9	153	0	0
Markazi	133	70	7	10	1	43	0	0
Hormozgan	67	15	6	3	4	36	0	2
Hamedan	138	60	0	8	8	55	4	0
Yazd.....	170	91	1	11	0	49	2	8

18.7. MEDICAL AND GENETICS DIAGNOSTIC LABORATORY⁽¹⁾ BY TYPE OF AFFILIATION (continued)

Year and Ostan	Genetics diagnostic laboratory						
	State-run		Non-public				
	Medical Science University	Other public institutions and organizations ⁽²⁾	Social Security	Other public institutions and organizations ⁽³⁾	Private	Charity	Other ⁽⁴⁾
1385	000	000	000	000	000	000	000
1390	000	000	000	000	000	000	000
1395	000	000	000	000	000	000	000
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
1401 ⁽⁶⁾	11	1	0	2	85	1	0
1402⁽⁷⁾	17	1	0	3	156	2	2
East Azarbayejan	0	0	0	0	8	0	0
West Azarbayejan.....	0	0	0	0	3	0	0
Ardebil.....	0	0	0	0	2	0	0
Esfahan.....	0	0	0	0	10	0	0
Alborz.....	0	0	0	0	2	0	0
Ilam.....	0	0	0	0	1	0	0
Bushehr.....	0	0	0	0	0	0	0
Tehran	7	1	0	3	61	0	0
Chaharmahal&Bakhtiari....	1	0	0	0	1	0	0
South Khorasan.....	0	0	0	0	0	0	0
Khorasan-e-Razavi	1	0	0	0	9	1	2
North Khorasan.....	0	0	0	0	1	0	0
Khuzestan	0	0	0	0	5	0	0
Zanjan.....	0	0	0	0	0	0	0
Semnan	0	0	0	0	4	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	3	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	2	0	0
Gilan	0	0	0	0	8	0	0
Lorestan	0	0	0	0	0	0	0
Mazandaran	1	0	0	0	7	0	0
Markazi	0	0	0	0	2	0	0
Hormozgan	0	0	0	0	1	0	0
Hamedan	0	0	0	0	3	0	0
Yazd	3	0	0	0	4	1	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.

7. Excluding statistics related to Asadabad, Esfarayen, Gonabad and Shahrood 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 ⁽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
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
1401 ⁽⁵⁾	9180	545	376	82	230	7726	162	59
1402⁽⁶⁾	10868	545	392	80	271	9296	263	21
East Azarbayejan ...	243	3	3	0	6	226	0	5
West Azarbayejan..	285	4	0	0	6	274	1	0
Ardebil	76	5	0	0	0	71	0	0
Esfahan	944	52	57	5	31	787	12	0
Alborz	568	23	13	5	2	521	4	0
Ilam	86	3	0	0	4	79	0	0
Bushehr	117	1	7	1	0	108	0	0
Tehran	2042	32	10	12	41	1928	19	0
Chaharmahal& Bakhtiyari	174	19	0	5	23	127	0	0
South Khorasan.....	137	10	1	4	10	108	4	0
Khorasan-e-Razavi	970	48	65	5	7	817	22	6
North Khorasan.....	99	6	10	0	9	73	1	0
Khuzestan	640	43	35	6	13	536	7	0
Zanjan	113	16	8	0	3	86	0	0
Semnan	68	14	6	1	2	35	3	7
Sistan&Baluchestan	195	38	7	2	2	146	0	0
Fars	886	58	2	4	36	759	26	1
Qazvin	167	11	20	4	4	128	0	0
Qom	202	4	12	3	2	158	23	0
Kordestan	193	3	44	7	9	129	1	0
Kerman	373	25	12	0	11	311	14	0
Kermanshah	221	17	13	3	2	184	0	2
Kohgiluyeh& Boyerahmad	95	1	3	1	2	88	0	0
Golestan	229	3	0	0	8	110	108	0
Gilan	308	0	0	0	1	307	0	0
Lorestan	199	11	5	2	6	175	0	0
Mazandaran	475	27	0	1	23	424	0	0
Markazi	189	5	4	0	5	172	3	0
Hormozgan	117	0	0	0	0	117	0	0
Hamedan	195	23	32	4	0	134	2	0
Yazd	262	40	23	5	3	178	13	0

1. Medical Rehabilitation Centre includes Comprehensive Medical Rehabilitation Centre and each of 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	000	1929	104	000
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
1402⁽⁷⁾	3717	668	158	147	82	2545	107	10
East Azarbayejan	103	4	0	0	0	91	0	8
West Azarbayejan...	82	1	0	1	0	80	0	0
Ardebil	77	17	0	5	4	51	0	0
Esfahan	278	49	0	21	15	180	13	0
Alborz	151	14	0	6	10	119	2	0
Ilam	25	18	0	0	0	7	0	0
Bushehr	63	11	5	6	0	41	0	0
Tehran	882	49	38	16	20	725	34	0
Chaharmahal& Bakhtiari	48	15	2	4	0	27	0	0
South Khorasan.....	45	16	4	5	0	19	1	0
Khorasan-e-Razavi .	285	45	17	3	4	195	21	0
North Khorasan.....	24	10	1	1	0	12	0	0
Khuzestan	195	42	11	10	8	122	2	0
Zanjan	39	12	2	3	0	21	1	0
Semnan	20	8	2	1	0	9	0	0
Sistan & Baluchestan.....	44	17	2	4	0	20	1	0
Fars	304	87	8	6	6	177	20	0
Qazvin.....	55	15	2	5	0	33	0	0
Qom	49	9	3	4	0	25	8	0
Kordestan.....	58	19	4	5	0	30	0	0
Kerman	84	25	3	4	0	51	1	0
Kermanshah	94	23	7	4	0	60	0	0
Kohgiluyeh& Boyerahmad.....	41	10	6	4	0	21	0	0
Golestan	86	21	1	2	3	59	0	0
Gilan	82	0	0	0	0	82	0	0
Lorestan	71	21	6	7	0	37	0	0
Mazandaran	181	35	12	6	10	116	0	2
Markazi.....	72	19	10	3	1	39	0	0
Hormozgan	75	15	7	1	0	52	0	0
Hamedan.....	27	18	0	2	1	5	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.

7. Excluding statistics related to Asadabad, Esfarayen, Gonabad and Shahrood 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
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
1402⁽⁶⁾	14816	639	146	141	66	13733	43	48
East Azarbayejan..	868	34	5	3	3	821	2	0
West Azarbayejan.	600	26	4	2	2	565	1	0
Ardebil	255	2	2	1	2	247	1	0
Esfahan	1082	10	3	3	2	1063	1	0
Alborz	587	36	3	8	0	533	0	7
Ilam	106	12	0	1	1	92	0	0
Bushehr	159	11	7	8	000	133	000	000
Tehran	2286	52	19	7	25	2169	13	1
Chaharmahal& Bakhtiyari	134	2	1	1	2	128	0	0
South Khorasan.....	134	13	3	2	0	116	0	0
Khorasan-e-Razavi	1267	49	10	6	0	1191	8	3
North Khorasan.....	123	9	0	1	1	111	0	1
Khuzestan	833	38	18	27	1	747	2	0
Zanjan	180	11	3	2	1	162	0	1
Semnan	82	6	3	2	1	70	0	0
Sistan& Baluchestan.....	321	25	6	2	2	285	1	0
Fars	1064	58	8	3	2	968	3	22
Qazvin.....	200	10	2	2	1	185	0	0
Qom	195	8	1	5	3	173	5	0
Kordestan.....	212	15	3	6	0	188	0	0
Kerman	562	27	10	6	1	516	2	0
Kermanshah	418	18	5	2	1	392	0	0
Kohgiluyeh& Boyerahmad.....	126	8	3	4	0	111	0	0
Golestan	332	17	4	2	4	305	0	0
Gilan	563	29	5	1	0	519	0	9
Lorestan	311	18	3	11	6	273	0	0
Mazandaran	812	35	4	5	0	766	0	2
Markazi.....	212	14	0	3	2	193	0	0
Hormozgan	194	15	6	1	0	171	0	1
Hamedan.....	289	17	1	2	2	265	1	1
Yazd.....	309	14	4	12	1	275	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.

6. Excluding statistics related to Asadabad, Esfarayen, Iran, Khomain, Gonabad and Shahrood 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
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
1402⁽⁶⁾	6247	202	454	225	153	1485	248	49
East Azarbayejan	224	1	22	4	7	58	3	26
West Azarbayejan.....	137	6	16	10	6	52	6	0
Ardebil.....	235	16	10	5	1	25	2	0
Esfahan	418	2	20	10	8	60	31	0
Alborz.....	191	0	9	4	0	69	3	0
Ilam.....	81	10	7	3	3	16	4	0
Bushehr.....	92	9	20	11	000	17	1	000
Tehran.....	1164	4	71	6	26	265	75	0
Chaharmahal&Bakhtiari..	69	0	3	5	6	17	2	0
South Khorasan.....	40	0	8	4	0	0	8	0
Khorasan-e-Razavi	453	7	40	11	10	141	33	3
North Khorasan.....	50	8	7	3	3	10	1	000
Khuzestan	417	32	28	26	22	111	8	0
Zanjan	68	10	7	5	1	13	000	000
Semnan	50	7	7	6	0	6	1	0
Sistan&Baluchestan.....	345	13	11	8	2	49	5	0
Fars	444	7	27	16	7	87	23	0
Qazvin.....	220	9	5	9	1	38	0	0
Qom	84	5	5	4	2	26	12	0
Kordestan.....	70	2	8	9	1	10	3	0
Kerman	238	0	19	14	7	68	10	1
Kermanshah	194	3	11	4	0	63	0	0
Kohgiluyeh&Boyerahmad	92	3	8	3	1	41	0	0
Golestan.....	000	000	000	000	000	000	000	000
Gilan	131	1	18	9	3	49	3	0
Lorestan	129	19	19	10	2	31	1	0
Mazandaran	173	25	4	3	24	56	1	1
Markazi	92	1	14	0	4	13	3	3
Hormozgan	95	2	4	7	0	35	0	10
Hamedan.....	93	0	11	6	3	12	5	4
Yazd	158	0	15	10	3	47	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
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
1402⁽⁶⁾	886	83	93	37	2209	116	7
East Azarbayejan	4	3	1	2	86	1	6
West Azarbayejan	3	4	1	2	30	1	0
Ardebil	130	0	22	1	23	0	0
Esfahan	37	4	0	1	236	9	0
Alborz	2	1	1	0	34	68	0
Ilam	19	0	0	2	17	0	0
Bushehr	1	1	0	0	31	1	0
Tehran	73	19	3	14	601	7	0
Chaharmahal&Bakhtiari..	15	0	1	0	20	0	0
South Khorasan	8	1	0	0	11	0	0
Khorasan-e-Razavi	23	1	1	3	177	3	0
North Khorasan	5	2	1	0	9	0	1
Khuzestan	31	2	2	0	155	0	0
Zanjan	10	1	0	0	19	2	0
Semnan	6	1	0	2	14	0	0
Sistan&Baluchestan	179	23	14	0	25	16	0
Fars	76	1	0	1	197	2	0
Qazvin	100	7	32	0	19	0	0
Qom	6	1	0	0	23	0	0
Kordestan	17	1	3	0	16	0	0
Kerman	32	1	1	4	77	4	0
Kermanshah	22	4	0	2	85	0	0
Kohgiluyeh&Boyerahmad	3	1	0	0	32	0	0
Golestan	0	0	0	0	0	0	0
Gilan	3	1	1	0	43	0	0
Lorestan	3	1	0	2	40	1	0
Mazandaran	41	0	0	0	18	0	0
Markazi	6	1	7	0	39	1	0
Hormozgan	3	0	0	0	34	0	0
Hamedan	9	0	0	1	42	0	0
Yazd	19	1	2	0	56	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.

6. Excluding statistics related to Asadabad, Esfaryen, Shahrood, 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
1398	2609	999	1610
1399	2688	1061	1627
1400 ⁽¹⁾	2863	1135	1728
1401 ⁽²⁾	2969	1165	1804
1402⁽³⁾	2973	1179	1794
East Azarbayejan	144	64	80
West Azarbayejan	118	57	61
Ardebil	65	30	35
Esfahan.	190	92	98
Alborz	73	43	30
Ilam	48	16	32
Bushehr	55	18	37
Tehran ⁽¹⁾	000	000	000
Chaharmahal&Bakhtiyari	60	22	38
South Khorasan	84	22	62
Khorasan-e-Razavi	258	136	122
North Khorasan	47	14	33
Khuzestan	191	70	121
Zanjan	62	22	40
Semnan	33	12	21
Sistan&Baluchestan	157	41	116
Fars	239	80	159
Qazvin	54	19	35
Qom	43	24	19
Kordestan	71	33	38
Kerman	174	57	117
Kermanshah	77	34	43
Kohgiluyeh&Boyerahmad	53	21	32
Golestan	64	25	39
Gilan	85	36	49
Lorestan	100	38	62
Mazandaran	115	42	73
Markazi	78	31	47
Hormozgan	99	25	74
Hamedan	67	25	42
Yazd	69	30	39

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 statistics related to Asadabad, Esfarayen, Iran, Tehran, Shahid Beheshti, Zabol, Gonabad and Shahrood Medical Science Universities.

Source: Ministry of Health and Medical Education.

**18.13. BLOOD PRODUCTS PRODUCED AND DELIVERED TO THE MEDICAL CENTRES BY
THREE MAJOR PRODUCTS, THE YEAR 1402 (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	2269521	2147250	1209182	2255596	596008	1128212
East Azarbayejan.....	94052	91052	57627	94413	32313	58692
West Azarbayejan	72153	70313	31408	83967	23223	41342
Ardebil	37016	35940	16896	27794	7289	16122
Esfahan.....	144163	129463	82939	140730	43660	83746
Alborz	57427	56644	14699	46309	10603	10883
Ilam	18187	17443	4269	13067	3809	3202
Bushehr	38042	25914	15899	28791	7488	13918
Tehran	352906	346690	295459	434797	156497	293822
Chaharmahal & Bakhtiari ...	26669	25077	12729	18422	7368	11823
South Khorasan.....	23076	22460	10203	14986	5343	9560
Khorasan-e-Razavi.....	158994	149248	96919	158224	40946	90894
North Khorasan.....	29429	28778	8207	13798	4085	7288
Khuzestan.....	127931	118827	68498	147788	36210	63748
Zanjan	26431	26012	10844	20044	4978	9881
Semnan.....	30286	28908	7947	20071	6206	6835
Sistan&Baluchestan	54396	52112	25275	121820	13234	17179
Fars.....	165986	151452	107845	171844	49887	83749
Qazvin	38520	35238	11452	26214	7316	10667
Qom	40979	37562	13308	27910	7123	16122
Kordestan	34107	31781	18109	27044	8938	15396
Kerman	85638	85145	40887	75632	18336	37855
Kermanshah	55603	54065	39428	47210	12854	36056
Kohgiluyeh & Boyerahmad.....	23126	21875	14666	18907	3846	10614
Golestan	65922	63737	29417	60512	9899	27897
Gilan.....	88902	87602	24752	86003	8947	21907
Lorestan.....	59585	56813	12368	30767	10493	10130
Mazandaran.....	134754	121666	55229	134393	16072	46193
Markazi	37170	36377	16639	26458	7679	16757
Hormozgan.....	55959	53215	17810	63627	10095	16248
Hamedan	43921	42800	31879	32653	11035	27103
Yazd	48191	43041	15575	41401	10236	12583

Source: Iranian Blood Transfusion Organization (IBTO).

18.14. DONORS AND AMOUNT OF DONATED BLOODS BY GENDER AND DONATION STATUS, THE YEAR 1402
(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.....	2873975	2327977	2225170	102807	1265323	704076	358578
East Azarbayejan.....	116524	95430	92889	2541	47866	31950	15614
West Azarbayejan.....	91562	74917	72621	2296	35961	25307	13649
Ardebil.....	47173	37493	35506	1987	21077	11586	4830
Esfahan.....	185537	147442	142339	5103	82445	42911	22086
Alborz.....	76597	59360	56830	2530	28834	19156	11370
Ilam.....	21825	18373	17219	1154	9443	5761	3169
Bushehr.....	48266	39307	37380	1927	21466	10657	7184
Tehran.....	450567	374619	361557	13062	182144	128543	63932
Chaharmahal&Bakhtiyari.....	31883	27195	26013	1182	12200	9517	5478
South Khorasan.....	28156	23400	21758	1642	13961	6090	3349
Khorasan-e-Razavi.....	210914	160941	152426	8515	85855	46766	28320
North Khorasan.....	36575	29824	27464	2360	16810	7082	5932
Khuzestan.....	155702	130194	127400	2794	73793	37370	19031
Zanjan.....	33390	26763	25170	1593	13625	8630	4508
Semnan.....	36065	30673	28742	1931	21092	6568	3013
Sistan&Baluchestan.....	70412	55132	51234	3898	29149	16754	9229
Fars.....	240471	169973	160966	9007	97772	54388	17813
Qazvin.....	52212	38824	36219	2605	22709	11103	5012
Qom.....	49872	41597	40346	1251	26276	11077	4244
Kordestan.....	40571	35023	32678	2345	16344	10937	7742
Kerman.....	106674	86842	81756	5086	49563	24364	12915
Kermanshah.....	71963	57242	53883	3359	26698	19883	10661
Kohgiluyeh&Boyerahmad.....	27297	23651	22689	962	12795	7336	3520
Golestan.....	75653	66407	62171	4236	41879	15561	8967
Gilan.....	101595	90918	87800	3118	51900	26382	12636
Lorestan.....	73231	61680	56400	5280	34820	15479	11381
Mazandaran.....	165489	137244	133867	3377	82637	38745	15862
Markazi.....	47033	38089	35881	2208	20646	12076	5367
Hormozgan.....	64807	56585	54368	2217	31692	15662	9231
Hamedan.....	53295	44331	42859	1472	22722	13752	7857
Yazd.....	62664	48508	46739	1769	31149	12683	4676

Source: Iran Blood Transfusion Organization (IBTO).

18.15. NUMBER OF THE EMPLOYED IN THE GOVERNMENTAL VETERINARY SECTOR BY EDUCATIONAL FIELD, THE YEAR 1402

Description	Total	Related Educational Field				Other educational field
		Sub-professional doctorate	Professional doctorate	B.S and M.S	Associate degree	
Total country.....	6513	224	1931	2101	1013	1244
Central Organization.....	286	11	98	72	48	57
East Azarbayejan.....	236	8	101	48	35	44
West Azarbayejan.....	173	1	56	58	19	39
Ardebil.....	285	4	73	100	43	65
Esfahan.....	133	5	52	35	10	31
Alborz.....	155	1	38	95	17	4
Ilam.....	181	8	32	91	18	32
Bushehr.....	287	16	137	100	20	14
Tehran.....	140	9	45	38	14	34
Chaharmahal&Bakhtiari.....	163	1	41	40	39	42
South Khorasan.....	398	18	149	127	68	36
Khorasan-e-Razavi.....	140	4	27	48	29	32
North Khorasan.....	310	8	75	66	72	89
Khuzestan.....	116	4	23	35	21	33
Zanjan.....	124	3	40	69	5	7
Semnan.....	216	2	48	101	38	27
Sistan&Baluchestan.....	357	11	104	99	77	66
Fars.....	144	10	33	61	30	10
Qazvin.....	87	3	21	27	16	20
Qom.....	143	1	43	60	25	14
Kordestan.....	362	6	105	96	92	63
Kerman.....	169	3	43	39	43	41
Kermanshah.....	106	6	26	53	15	6
Kohgiluyeh&Boyerahmad.....	211	11	60	53	21	66
Golestan.....	179	7	53	58	49	12
Gilan.....	162	8	33	76	12	33
Lorestan.....	360	12	121	88	44	95
Mazandaran.....	145	5	40	45	24	31
Markazi.....	150	3	28	73	19	27
Hormozgan.....	143	3	39	58	15	28
Hamedan.....	127	3	36	52	27	9
Yazd.....	325	29	111	40	8	137

Sources: Iran Veterinary Organization.

18.16. OPERATING MEDICAL CENTRES IN THE PRIVATE VETERINARY SECTOR ⁽¹⁾, THE YEAR 1402

Ostan	Livestock vaccination centres	Hospital ⁽²⁾	Veterinary clinic	Veterinary pharmacy	Diagnostic lab	
					Public	Private
Total country	1399	148	2155	2631	222	244
East Azarbayejan.....	82	3	101	200	5	8
West Azarbayejan	146	19	169	265	16	17
Ardebil	36	0	68	99	1	4
Esfahan.....	87	2	132	142	25	13
Alborz	12	7	91	40	2	8
Ilam	19	4	15	38	7	4
Bushehr	4	0	10	15	2	4
Tehran	33	43	314	89	5	28
Chaharmahal&Bakhtiari ...	24	4	7	51	2	3
Khorasan-e-Razavi.....	27	0	27	27	11	1
South Khorasan.....	114	7	186	185	25	21
North Khorasan.....	24	2	28	26	6	4
Khuzestan.....	58	1	93	97	1	6
Zanjan	15	0	27	27	2	2
Semnan.....	20	2	26	31	1	7
Sistan&Baluchestan	28	0	33	32	4	1
Fars.....	116	11	70	163	6	14
Qazvin	11	3	14	42	2	4
Qom	20	0	30	24	1	2
Kordestan	25	5	60	58	2	9
Kerman	59	0	71	92	18	6
Kermanshah	66	1	70	103	15	2
Kohgiluyeh&Boyerahmad ..	20	1	18	24	3	1
Golestan	43	12	51	114	2	17
Gilan.....	62	3	79	81	16	8
Lorestan.....	62	2	28	104	1	4
Mazandaran.....	104	11	221	297	23	31
Markazi	35	2	36	46	13	6
Hormozgan.....	16	1	20	14	1	2
Hamedan	16	1	30	59	3	5
Yazd	15	1	30	46	1	2

1. All treatment centers listed in this table are private, with the exception of diagnostic laboratories, which are operated by both public and private sectors.

2. Including hospitals, medical complexes, and polyclinics.

Sources: Iran Veterinary Organization.