

Table 1. The number of ophthalmologists and ophthalmologist density for 2015, per country.

Country	Population, 2015 (in thousands) ¹¹	No. of Ophthalmologists	No. of Ophthalmologists Per Million Population	No. of Ophthalmologists Performing Cataract Surgery Per Million Population	No. of Ophthalmologists Performing Refraction Per Million Population
Afghanistan	32,527	138	4.2	Not reported	Not reported
Albania	2,919	100	34.3	4.3	30.0
Algeria	39,667	1500	37.8	23.6	33.1
Angola	25,022	22	0.9	0.1	0.5
Antigua and Barbuda	92	2	21.8	8.2	19.1
Argentina	43,417	4500	103.6	13.0	90.7
Armenia	3,018	300	99.4	12.4	Not reported
Australia	23,969	961	40.1	35.1	5.0
Austria	8,545	945	110.6	13.8	69.1
Azerbaijan	9,754	600	61.5	23.1	7.7
Bahamas	388	9	23.2	Not reported	Not reported
Bahrain	1,377	85	61.7	23.1	7.7
Bangladesh	160,996	1000	6.2	Not reported	Not reported
Barbados	284	18	63.3	7.9	55.4
Belarus	9,496	600	63.2	7.9	Not reported
Belgium	11,299	1100	97.4	Not reported	Not reported
Belize	359	5	13.9	Not reported	Not reported
Benin	10,880	40	3.7	0.5	3.2
Bhutan	775	8	10.3	Not reported	Not reported
Bolivia	10,725	300	28.0	3.5	24.5
Bosnia and Herzegovina	3,810	212	55.6	7.0	48.7
Botswana	2,262	18	8.0	1.0	1.0
Brazil	207,848	14000	67.4	25.3	58.9
Brunei Darussalam	423	16	37.8	33.1	Not reported
Bulgaria	7,150	862	120.6	45.2	Not reported
Burkina Fasso	18,106	22	1.2	1.1	0.5
Burundi	11,179	14	1.3	0.2	1.1
Cambodia	15,578	61	3.9	3.4	2.4
Cameroon	23,344	85	3.6	0.5	3.2
Canada	35,940	1221	34.0	29.7	12.7
Cape Verde	521	12	23.1	8.6	20.2

Central African Republic	4,900	3	0.6	Not reported	Not reported
Chad	14,037	8	0.6	Not reported	Not reported
Chile	17,948	893	49.8	6.2	43.5
China	1,376,049	36342	26.4	9.9	9.9
Colombia	48,229	1500	31.1	3.9	27.2
Comoros	788	1	1.3	Not reported	Not reported
Congo, Democratic Republic (Kinshasa)	77,267	87	1.1	0.4	1.0
Congo, Republic of (Brazzaville)	4,620	8	1.7	Not reported	Not reported
Costa Rica	4,808	150	31.2	19.5	27.3
Cook Islands	10	0	0.0	0.0	0.0
Cote d'Ivoire	22,702	106	4.7	0.6	Not reported
Croatia	4,240	417	98.3	36.9	Not reported
Cuba	11,390	1879	165.0	103.1	61.9
Cyprus	1,165	82	70.4	8.8	44.0
Czech Republic	10,543	1060	100.5	88.0	37.7
Denmark	5,669	450	79.4	9.9	69.5
Djibouti	888	4	4.5	0.6	3.9
Dominica	74	2	27.2	10.2	23.8
Dominican Republic	10,528	432	41.0	5.1	35.9
Ecuador	16,144	400	24.8	3.1	21.7
Egypt	91,508	6000	65.6	24.6	41.0
El Salvador	6,127	175	28.6	10.7	25.0
Equatorial Guinea	845	2	2.4	Not reported	Not reported
Eritrea	5,228	4	0.8	0.5	0.1
Estonia	1,313	130	99.0	12.4	12.4
Ethiopia	99,391	142	1.4	0.9	0.5
Fiji	892	28	31.4	11.8	27.5
Finland	5,503	450	81.8	10.2	71.5
France	64,395	5927	92.0	34.5	80.5
Gabon	1,725	30	17.4	Not reported	Not reported
Gambia (The)	1,991	2	1.0	0.9	0.6
Georgia	4,000	275	68.8	8.6	8.6
Germany	80,689	7300	90.5	11.3	79.2
Ghana	27,410	87	3.2	2.0	0.4
Greece	10,955	2000	182.6	22.8	159.7

Grenada	107	4	37.4	Not reported	Not reported
Guatemala	16,343	325	19.9	2.5	17.4
Guinea	12,609	32	2.5	Not reported	Not reported
Guinea-Bissau	1,844	3	1.6	Not reported	Not reported
Guyana	767	10	13.0	8.1	1.6
Haiti	10,711	58	5.4	0.7	4.7
Honduras	8,075	95	11.8	4.4	10.3
Hong Kong SAR	7,288	271	37.2	32.5	4.6
Hungary	9,855	960	97.4	36.5	12.2
Iceland	329	31	94.1	35.3	82.3
India	1,311,051	17000	13.0	8.1	11.3
Indonesia	257,564	1300	5.0	3.2	4.4
Iran (Islamic Republic of)	79,109	1700	21.5	13.4	13.4
Iraq	36,423	600	16.5	14.4	14.4
Ireland	4,688	180	38.4	14.4	14.4
Israel	8,064	650	80.6	30.2	10.1
Italy	59,798	7000	117.1	43.9	102.4
Jamaica	2,793	50	17.9	15.7	11.2
Japan	126,573	14439	114.1	14.3	14.3
Jordan	7,595	340	44.8	16.8	16.8
Kazakhstan	17,625	583	33.1	Not reported	Not reported
Kenya	46,050	45	1.0	0.9	0.9
Kiribati	112	1	8.9	7.8	7.8
Korea North (DPRK)	25,155	1230	48.9	Not reported	Not reported
Korea South (Republic of Korea)	50,293	3425	68.1	42.6	59.6
Kuwait	3,892	172	44.2	Not reported	Not reported
Kyrgyzstan	5,940	260	43.8	Not reported	Not reported
Lao People's Democratic Republic	6,802	27	4.0	3.5	0.5
Latvia	1,971	252	127.9	48.0	Not reported
Lebanon	5,851	250	42.7	Not reported	Not reported
Lesotho	2,135	5	2.3	Not reported	Not reported
Liberia	4,503	5	1.1	0.1	0.4
Libyan Arab Jamahiriya	6,278	260	41.4	Not reported	Not reported
Lithuania	2,878	350	121.6	Not reported	Not reported
Luxembourg	567	50	88.2	Not reported	Not reported

Macedonia (The Former Yugoslav Republic of)	2,078	160	77.0	Not reported	Not reported
Madagascar	24,235	24	1.0	Not reported	Not reported
Malawi	17,215	9	0.5	0.5	0.2
Malaysia	30,331	401	13.2	11.6	1.7
Maldives	364	19	52.2	32.7	45.7
Mali	17,600	35	2.0	1.2	1.2
Malta	419	21	50.2	Not reported	Not reported
Marshall Islands	72	1	13.9	Not reported	Not reported
Mauritania	4,068	6	1.5	Not reported	Not reported
Mauritius	1,273	32	25.1	Not reported	Not reported
Mexico	127,017	5400	42.5	26.6	37.2
Micronesia (Federated state of)	104	0	0.0	0.0	0.0
Moldova (Republic of)	4,069	290	71.3	8.9	62.4
Mongolia	2,959	130	43.9	5.5	5.5
Montenegro	626	45	71.9	9.0	62.9
Morocco	34,950	1200	34.3	Not reported	Not reported
Mozambique	27,978	28	1.0	0.9	0.9
Myanmar (Burma)	53,897	312	5.8	5.1	5.1
Namibia	2,459	10	4.1	3.6	0.5
Nauru	10	0	0.0	0.0	0.0
Nepal	28,514	240	8.4	5.3	5.3
Netherlands	16,925	637	37.6	32.9	?
New Zealand	4,529	126	27.8	24.3	3.5
Nicaragua	6,082	120	19.7	2.5	2.5
Niger	19,899	20	1.0	0.9	0.9
Nigeria	182,202	540	3.0	1.9	2.6
Niue	1	0	0.0	0.0	0.0
Norway	5,211	422	81.0	50.6	70.9
Oman	4,491	222	49.4	30.9	6.2
Pakistan	188,925	2800	14.8	13.0	13.0
Palau	21	1	47.0	29.4	41.1
Panama	3,929	117	29.8	18.6	11.2
Papua New Guinea	7,619	11	1.4	0.5	1.3
Paraguay	6,639	230	34.6	4.3	30.3
Peru	31,377	1241	39.6	14.8	34.6

Philippines	100,699	1534	15.2	13.3	13.3
Poland	38,612	4565	118.2	Not reported	Not reported
Portugal	10,350	600	58.0	36.2	50.7
Puerto Rico	3,683	210	57.0	35.6	49.9
Qatar	2,235	124	55.5	Not reported	Not reported
Romania	19,511	1200	61.5	23.1	53.8
Russia	143,457	13700	95.5	59.7	35.8
Rwanda	11,610	17	1.5	0.5	1.3
Saint Kitts & Nevis	52	2	38.6	24.1	24.1
Saint Lucia	185	8	43.2	Not reported	Not reported
Saint Vincent & the Grenadines	109	8	73.1	9.1	63.9
Samoa	193	1	5.2	0.6	0.6
Sao Tome and Principe	190	1	5.3	Not reported	Not reported
Saudi Arabia	31,540	2546	80.7	50.5	10.1
Senegal	15,129	60	4.0	Not reported	Not reported
Serbia	8,851	750	84.7	10.6	74.1
Seychelles	96	4	41.5	36.3	5.2
Sierra Leone	6,453	6	0.9	Not reported	Not reported
Singapore	5,604	239	42.7	37.3	5.3
Slovakia	5,426	650	119.8	Not reported	Not reported
Slovenia	2,068	130	62.9	7.9	7.9
Solomon Islands	584	5	8.6	7.5	5.4
Somalia	10,787	4	0.4	0.2	0.3
South Africa	54,490	280	5.1	1.9	0.6
South Sudan	12,340	5	0.4	0.3	0.2
Spain	46,122	4865	105.5	65.9	65.9
Sri Lanka	20,715	104	5.0	4.4	4.4
Sudan	40,235	506	12.6	Not reported	Not reported
Suriname	543	12	22.1	19.3	19.3
Swaziland	1,287	2	1.6	Not reported	Not reported
Sweden	9,779	900	92.0	11.5	80.5
Switzerland	8,299	830	100.0	12.5	87.5
Syrian Arab Republic	18,502	1051	56.8	7.1	7.1
Taiwan	23,381	1500	64.2	40.1	56.1
Tajikistan	8,482	77	9.1	Not reported	Not reported
Tanzania	53,470	44	0.8	0.1	0.1

Thailand	67,959	1300	19.1	7.2	2.4
Timor-Leste	1,185	5	4.2	Not reported	Not reported
Togo	7,305	28	3.8	1.4	3.4
Tonga	106	1	9.4	Not reported	Not reported
Trinidad and Tobago	1,360	35	25.7	9.7	3.2
Tunisia	11,254	500	44.4	5.6	27.8
Turkey	78,666	3500	44.5	16.7	38.9
Turkmenistan	5,374	120	22.3	Not reported	Not reported
Tuvalu	11	0	0.0	0.0	0.0
Uganda	39,032	45	1.2	1.0	1.0
Ukraine	44,824	2973	66.3	8.3	24.9
United Arab Emirates	9,157	125	13.7	Not reported	Not reported
United Kingdom	64,716	3000	46.4	40.6	5.8
United States	321,774	17600	54.7	34.2	34.2
Uruguay	3,432	220	64.1	8.0	56.1
Uzbekistan	29,893	2054	68.7	Not reported	Not reported
Vanuatu	265	1	3.8	3.3	2.4
Venezuela (Bolivarian Republic of)	31,108	1200	38.6	4.8	33.8
Viet Nam	93,448	1300	13.9	1.7	8.7
Yemen	26,832	317	11.8	7.4	1.5
Zambia	16,212	30	1.9	0.2	0.2
Zimbabwe	15,603	27	1.7	Not reported	Not reported
Total	7,339,951	232,866	31.7*	14.1*	19*

*Global mean based on number of countries reporting data.