

Study area	Latitude	Prevalence year	Diagnostic criteria	Cases/Population	Total crude prevalence (per 100,000 persons)	Total age-standardised prevalence (per 100,000 persons)
Australasia						
Newcastle, Commonwealth of Australia ¹	32.92	2011	Poser ² , 2010 McDonald ³	182/148,535	124.20	130.67
United Kingdom of Great Britain & Northern Ireland and Republic of Ireland						
East London, England, UK ⁴	51.51	2013	Insular criteria	776/907,151	85.54	
Wales, UK ⁵	52.41	2010	General practice research database/ICD10	5,052/3,006,300	168.05	
England, UK ⁵	52.85	2010	General practice research database/ICD10	104,451/5,223,3900	199.97	
Isle of Man, UK ⁶	54.26	2006	2005 McDonald ⁷	123/80,008	153.73	151.73
Isle of Man, UK ⁶	54.26	2011	2005 McDonald ⁷	152/84,497	179.89	171.9
Northern Ireland, UK ⁵	55.00	2010	General practice research database/ICD10	3,838/1,799,800	213.25	
Aberdeen City, Scotland, UK ⁸	57.15	2009	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	442/205,446	215.14	
Scotland, UK ⁵	57.72	2010	General practice research database/ICD10	13,328/5,222,300	255.21	
Orkney Islands, Scotland, UK ⁸	59.00	2009	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	82/20,000	410.00	
Scandinavia and North Atlantic						
Akershus fylker, Kingdom of Norway ¹⁰	55.04	2013	Insular criteria	820/575,757	142.42	
Skane län, Kingdom of Sweden ¹¹	55.98	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	938/1,214,758	77.22	
Blekinge län, Kingdom of Sweden ¹¹	56.27	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	20/152,259	13.14	

Hallands län, Kingdom of Sweden ¹¹	56.77	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	227/293,572	77.32	
Kronobergs län, Kingdom of Sweden ¹¹	56.78	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	127/182,224	69.69	
Kalmar län, Kingdom of Sweden ¹¹	57.19	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	153/233,397	65.55	
Jönköpings län, Kingdom of Sweden ¹¹	57.53	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	285/335,246	85.01	
Gotlands län, Kingdom of Sweden ¹¹	57.54	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	73/57,004	128.06	
Vastra Gotalands län, Kingdom of Sweden ¹¹	58.21	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	1,326/1,558,130	85.10	
Östergötlands län, Kingdom of Sweden ¹¹	58.33	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	524/423,169	123.83	
Vest-Agder fylker, Kingdom of Norway ¹²	58.58	2007	Poser ²	295/163,702	180.21	
Vest-Agder and Aust-Agder fylke, Kingdom of Norway ¹⁰	58.83	2013	Insular criteria	673/292,225	230.30	
Rogaland fylker, Kingdom of Norway ¹⁰	59.07	2013	Insular criteria	809/459,625	176.01	
Södermanlands län, Kingdom of Sweden ¹¹	59.11	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	205/267,524	76.63	
Østfold fylker, Kingdom of Norway ¹⁰	59.34	2013	Insular criteria	572/284,962	200.73	
Örebro län, Kingdom of Sweden ¹¹	59.42	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	271/277,732	97.58	
Vestfold fylker, Kingdom of Norway ¹⁰	59.43	2013	Insular criteria	473/240,860	196.38	
Telemark fylker, Kingdom of Norway ¹⁰	59.48	2013	Insular criteria	353/171,469	205.87	
Stockholms län, Kingdom of Sweden ¹¹	59.50	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	2,440/1,981,263	123.15	
South health region, Kingdom of Norway ¹³	59.54	2012	Poser ² , 2010 McDonald ³	1,926/957,430	201.16	

Västmanlands län, Kingdom of Sweden ¹¹	59.79	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	196/249,974	78.41	
Värmlands län, Kingdom of Sweden ¹¹	59.87	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	233/273,374	85.23	
Oslo, Kingdom of Norway ¹⁰	59.95	2013	Insular criteria	1,327/634,463	209.15	
Uppsala län, Kingdom of Sweden ¹¹	60.02	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	423/327,188	129.28	
West health region, Kingdom of Norway ¹³	60.25	2012	Poser ² , 2010 McDonald ³	1,934/1,041,886	185.62	
Buskerud fylker, Kingdom of Norway ¹⁰	60.26	2013	Insular criteria	624/272,228	229.22	
Hordaland fylker, Kingdom of Norway ¹⁰	60.41	2013	Insular criteria	1,060/505,246	209.80	
Hordaland fylker, Kingdom of Norway ¹⁰	60.41	2013	Poser ² , 2010 McDonald ³	1,035/490,570	210.98	
Buskerud, Kingdom of Norway ¹⁴	60.48	2014	Poser, 2001/2005/2010 McDonald	582/272,228	213.79	
Shetland Islands, Scotland, UK ⁸	60.50	2009	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	66/22,656	291.31	
East Health region, Kingdom of Norway ¹³	60.92	2012	Poser ² , 2010 McDonald ³	3,647/1,827,829	199.53	
Dalarnas län, Kingdom of Sweden ¹¹	61.07	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	210/275,867	76.12	
Oppland fylker, Kingdom of Norway ¹⁵	61.25	2002	Poser ²	474/183,235	258.68	
Gävleborgs län, Kingdom of Sweden ¹¹	61.28	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	232/275,908	84.09	
Oppland and Hedmark fylke, Kingdom of Norway ¹⁰	61.28	2013	Insular criteria	956/382,253	250.10	
Sogn og Fjordane fylker, Kingdom of Norway ¹⁰	61.39	2013	Insular criteria	264/108,965	242.28	
Møre og Romsdal fylker, Kingdom of Norway ¹⁰	62.75	2013	Insular criteria	718/261,530	274.54	

Västernorrlands län, Kingdom of Sweden ¹¹	62.96	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	151/243,372	62.04	
Sør-Trøndelag fylker, Kingdom of Norway ¹⁰	63.36	2013	Insular criteria	740/306,197	241.67	
Jämtlands län, Kingdom of Sweden ¹¹	63.37	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	104/126,897	81.96	
Middle health region, Kingdom of Norway ¹³	63.55	2012	Poser ² , 2010 McDonald ³	1,713/687,968	248.99	
Nord-Trøndelag fylker, Kingdom of Norway ¹⁰	64.14	2013	Insular criteria	304/135,142	224.95	
Vasterbotten län, Kingdom of Sweden ¹⁶	64.50	2005	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	484/257,652	188.00	
Vasterbottens län, Kingdom of Sweden ¹¹	64.50	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	348/257,812	134.98	
Vasterbotten län, Kingdom of Sweden ¹⁶	64.50	2010	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	557/259,286	215.00	
Republic of Iceland ¹⁷	65.00	2007	McDonald	526/314,781	167.10	187.97
North health region, Kingdom of Norway ¹³	66.44	2012	Poser ² , 2010 McDonald ³	901/470,757	191.39	
Nordland fylker, Kingdom of Norway ¹⁸	66.75	2010	Poser, 2001 McDonald	431/236,271	182.42	
Nordland fylker, Kingdom of Norway ¹⁰	66.75	2013	Insular criteria	457/240,877	189.72	
Norrbottnens län, Kingdom of Sweden ¹¹	67.15	2008	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	135/249,677	54.07	
Troms and Finnmark fylke, Kingdom of Norway ¹⁰	69.25	2013	Insular criteria	490/237,257	206.53	
Atlantic and Central Europe						
Malaga, Kingdom of Spain ¹⁹	36.75	2008	Poser ²	1,186/1,528,851	77.57	
Murcia, health district III, Kingdom of Spain ²⁰	37.60	2010	2005 McDonald ⁷	113/137,659	82.09	84.87
North Seville Region, Kingdom of Spain ²¹	37.72	2011	Poser ²	156/163,324	95.52	94.15
Braga district,	41.57	2009	Poser ²	345/865,964	39.84	

Portuguese Republic ²²						
Corse Région, French Republic ²³	41.92	2013	Insular criteria	21/25,231	83.23	
Osona, Catalonia, Kingdom of Spain ²⁴	41.98	2008	Poser, 2001 McDonald	120/150,139	79.93	82.75
La Rioja, Kingdom of Spain ²⁵	42.29	2011	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	210/322,955	65.02	63.54
Midi-Pyrénées Région – Ariège, French Republic ²⁶	42.93	2004	2001 McDonald ⁹	233/143,371	162.52	172.21
Midi-Pyrénées Région - Hautes Pyrénées, French Republic ²⁶	43.02	2004	2001 McDonald ⁹	136/226,132	60.14	61.38
Provence-Alpes- Côte d'Azur Région, French Republic French Farmers ²³	43.30	2013	Insular criteria	379/427,068	88.74	
Midi-Pyrénées Région - Hautes Garonne, French Republic	43.40	2004	2001 McDonald ⁹	1,812/1,143,706	158.43	168.22
Languedoc-Rousillon Région, French Republic French Farmers ²³	43.61	2013	Insular criteria	201/232,144	86.58	
Midi-Pyrénées Région, French Republic French Farmers ²³	43.61	2013	Insular criteria	213/226,029	94.24	
Midi-Pyrénées Région – Gers, French Republic ²⁶	43.64	2004	2001 McDonald ⁹	247/178,515	138.36	143.66
Midi-Pyrénées Région – Tarn, French Republic ²⁶	43.93	2004	2001 McDonald ⁹	539/358,390	150.39	157.19
Midi-Pyrénées Région - Tarn et Garonne, French Republic ²⁶	44.01	2004	2001 McDonald ⁹	232/212,806	109.02	120.99
Midi-Pyrénées Région - Aveyron, French Republic ²⁶	44.22	2004	2001 McDonald ⁹	347/270,275	128.39	135.55
Midi-Pyrénées Région – Lot, French Republic ²⁶	44.54	2004	2001 McDonald ⁹	244/166,873	146.22	147
Aquitaine Région,	44.84	2013	Insular criteria	242/267,659	90.41	

French Republic French Farmers ²³						
Auvergne Région - Haute Loire, French Republic ²⁶	45.08	2004	2001 McDonald ⁹	214/216,165	99.00	101.91
Auvergne Région - Cantal, French Republic ²⁶	45.12	2004	2001 McDonald ⁹	189/149,944	126.05	128.34
Auvergne Région - Puy de Dome, French Republic ²⁶	45.71	2004	2001 McDonald ⁹	638/617,448	103.33	106.12
Rhône Région, French Republic ²⁶	45.74	2004	2001 McDonald ⁹	2,336/1,640,876	142.36	154.61
Rhône -Alpes Région, French Republic French Farmers ²³	45.76	2013	Insular criteria	421/455,672	92.39	
Auvergne Région, French Republic French Farmers ²³	45.78	2013	Insular criteria	100/97,337	102.74	
Limousin Région, French Republic French Farmers ²³	45.83	2013	Insular criteria	53/50,735	104.46	
French Republic ²⁷	46.23	2012	ICD-10 coding	99,123/65,538,918	151.24	159.22
Auvergne Région - Allier, French Republic ²⁶	46.31	2004	2001 McDonald ⁹	498/343,547	144.96	145.34
Poitou-Charentes Région, French Republic French Farmers ²³	46.58	2013	Insular criteria	140/133,370	104.97	
Pays-de-Loire Région, French Republic French Farmers ²³	47.22	2013	Insular criteria	212/229,910	92.21	
Franche-Comte Région, French Republic French Farmers ²³	47.24	2013	Insular criteria	91/66,724	136.38	
Bourgogne Région, French Republic French Farmers ²³	47.32	2013	Insular criteria	128/105,501	121.33	
Bretagne Région - Morbihan,	47.89	2004	2001 McDonald ⁹	934/679,372	137.48	146.32

French Republic ²⁶						
Centre Région, French Republic French Farmers ²³	47.90	2013	Insular criteria	162/150,436	107.69	
Lorraine Région - Vosges, French Republic ²⁶	48.00	2004	2001 McDonald ⁹	731/380,392	192.17	201.26
Republic of Austria ²⁸	48.10	2013	2010 McDonald ³	13,205/8,310,258	158.90	
Bretagne Région, French Republic French Farmers ²³	48.12	2013	Insular criteria	252/226,053	111.48	
Bretagne Région - Ille et Vilaine, French Republic ²⁶	48.23	2004	2001 McDonald ⁹	1275/921,911	138.30	150.12
Bretagne Région - Finistere, French Republic ²⁶	48.25	2004	2001 McDonald ⁹	1203/873,568	137.71	146.47
Bretagne Région - Cote d Armor, French Republic ²⁶	48.51	2004	2001 McDonald ⁹	968/561,826	172.30	184.46
Alsace Région, French Republic French Farmers ²³	48.57	2013	Insular criteria	102/83,052	122.81	
Lorraine Région - Meurthe-et-Moselle, French Republic ²⁶	48.80	2004	2001 McDonald ⁹	1,799/720,734	249.61	266.79
Ile-de-France Région, French Republic French Farmers ²³	48.86	2013	Insular criteria	626/625,725	100.04	
Lorraine region Région, French Republic ²⁹	48.87	2008	Poser ²	4,001/2,341,000	170.91	
Bavaria, Federal Republic of Germany ³⁰	48.92	2015	ICD-10 coding	29,686/10,719,788	276.93	272.66
Champagne-ardenne Région, French Republic French Farmers ²³	48.96	2013	Insular criteria	100/70,064	142.73	
Lorraine Région - Meuse, French Republic ²⁶	49.08	2004	2001 McDonald ⁹	395/193,376	204.27	216.05
Lorraine Région - Moselle, French Republic ²⁶	49.10	2004	2001 McDonald ⁹	3,036/1,032,634	294.01	303.77

Lorraine Région, French Republic French Farmers ²³	49.12	2013	Insular criteria	139/107,337	129.50	
Basse-Normandie Région, French Republic French Farmers ²³	49.18	2013	Insular criteria	119/97,892	121.56	
Haute-Normandie Région, French Republic French Farmers ²³	49.44	2013	Insular criteria	113/98,206	115.06	
Picardie Région, French Republic French Farmers ²³	49.89	2013	Insular criteria	105/95,044	110.48	
Nord-pas-de-Calais Région, French Republic French Farmers ²³	50.63	2013	Insular criteria	236/185,288	127.37	
Italian region						
Comune di Catania, Sicilia, Italian Republic ³¹	37.45	2004	Poser ²	398/313,110	127.11	134.06
Comuni di Adrano & Bronte, Italian Republic ³²	37.73	2009	Poser ²	53/56,216	94.28	
Comuni di Giarre, Santa Venerina, Sant'Alfio, & Zafferana, Italian Republic ³²	37.73	2009	Poser ²	65/47,229	137.63	
Sardegna, Italian Republic ³³	40.17	2007	2001/2005 ⁷ McDonald	292/138,765	210.40	201.97
Sardegna, Italian Republic ³⁴	40.17	2009	ICD-9	58/25,885	224.00	
Comune di Campobasso, Italian Republic ³⁵	41.56	2009	Poser ² , 2001 McDonald	47/51,633	91.02	
Lazio, Italian Republic ³⁶	41.66	2011	ICD9-CM coding	7,377/5,500,022	130.50	126.84
Rome metro area, Italian Republic ³⁷	41.90	2015	2010 McDonald ³	1,007/688,782	146.20	145.23
Lazio region, Italian Republic ³⁶	41.99	2011	ICD9-CM coding	7,377/5,653,008	130.50	251.30

Tuscany, Italian Republic ³⁸	43.42	2011	ICD9-CM coding	6,890/3,667,780	187.90	184.41
Tuscany, Italian Republic ³⁹	43.42	2013	ICD9-CM coding	7,330/3,751,279	195.40	197.50
Republic of San Marino ⁴⁰	43.93	2014	Poser ²	67/32,789	204.34	195.59
Comune di Genova, Italian Republic ⁴¹	44.40	2007	Poser ²	1,312/883,778	148.45	144.07
Provincia di Ferrara, Italian Republic ⁴²	44.75	2016	Poser ²	685/351,436	194.91	181.47
Città di Verona, Italian Republic ⁴³	45.44	2001	Poser ² , 2001 McDonald ⁹	270/253,208	106.60	101.86
Veneto region, Italian Republic ⁴⁴	45.78	2009	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	1,173/841,597	139.38	
Eastern Europe						
Saranda, Republic of Albania ⁴⁵	39.83	2009	2001 McDonald ⁹	½,481	40.31	
Tirana, Republic of Albania ⁴⁵	41.34	2009	2001 McDonald ⁹	1/2,521	39.67	
Republic of Kosovo ⁴⁶	43.15	2012	2001 McDonald ⁹	412/210,2041	19.60	
Sarajevo, Bosnia & Herzegovina ⁴⁷	43.86	2006	Poser ² /2001 McDonald ⁹	71/342,577	20.73	
Šumadija District, Republic of Serbia ⁴⁸	44.12	2006	2001 McDonald ⁹	194/298,921	64.90	65.64
Republic of Croatia ⁴⁹	45.85	2015	ICD	6,160/4,283,727	143.80	143.45
Csongrád megye, Hungary ⁵⁰	46.71	2013	2010 McDonald ³	379/421,827	89.85	88.9
Republic of Moldova ⁵¹	46.95	2012	2001 McDonald ⁹	744/3,559,541	20.90	20.45
Rostov Oblast, Russian Federation ⁵²	48.01	2010	2005 McDonald ⁷	12,748/42,780,000	29.80	
Central Poland, Republic of Poland ⁵³	50.76	2014	2005 McDonald ⁷	1,462/1,263,176	115.74	116.35
Świętokrzyskie Voivodeship, Republic of Poland ⁵⁴	50.78	2013	2005 McDonald ⁷	1,384/1,268,239	109.13	110.75
Świętokrzyskie Voivodeship,	50.78	2015	2010 McDonald ³	1,525/1,257,179	121.30	131.43

Republic of Poland ⁵⁵						
Podlaskie Voivodeship, Republic of Poland ⁵⁴	53.35	2013	2005 McDonald ⁷	1,299/1,195,625	108.65	109.41
Bashkortostan Republic, Russian Federation ⁵²	53.85	2010	2005 McDonald ⁷	1,547/4,072,000	38.00	
Moscow NW Admin District, Russian Federation ⁵⁶	55.76	2012	2005 McDonald ⁷	495/927,400	53.38	51.16
North America						
Puerto Rico, USA ⁵⁷	18.20	2016	2010 McDonald ³	583/825,779	70.60	
Province of Nova Scotia, Canada ⁵⁸	45.69	2010	Poser ² , 2001 ⁹ /2005 ⁷ McDonald	2,773/1,038,965	266.90	231.97
Province of Saskatchewan, Canada ⁵⁹	52.22	2013	CCDSS	2,998/1,205,468	248.70	
Province of British Columbia, Canada ⁶⁰	54.68	2008	>7 hospital or physician for MS	8,545/4,384,310	194.90	193.12
Latin America & the Caribbean						
Guyane Région, French Republic ²³	4.92	2013	Insular criteria	0/8,568	0.00	
Município de João Pessoa, Paraíba, Federative Republic of Brazil ⁶¹	7.12	2012	2010 McDonald ³	87/723,515	12.02	
Lima, Republic of Peru ⁶²	12.05	2007	2001 McDonald ⁹	616/8,005,778	7.69	
Martinique Région, French Republic ²³	14.62	2013	Insular criteria	7/19,446	36.00	
Guadeloupe Région, French Republic ²³	17.30	2013	Insular criteria	11/28,582	38.49	
Município de Uberaba, Federative Republic of Brazil ⁶³	19.75	2008	2001 McDonald ⁹	35/280,000	12.50	
Município de Belo Horizonte, Federative Republic of Brazil ⁶⁴	19.93	2001	Poser ²	409/2,238,526	18.27	31.21
Município de Volta Redonda, Federative Republic of Brazil ⁶⁵	22.49	2012	Poser ² , 2001 McDonald ⁹	40/261,438	15.30	

Cidade de Santos, SP, Federative Republic of Brazil ⁶⁶	23.93	2007	2001 McDonald ⁹	65/418,275	15.54	
Salta City, Argentine Republic ⁶⁷	24.78	2017	2010 McDonald ³	110/535,310	20.55	
Santa Maria, Rio Grande do Sul, Federative Republic of Brazil ⁶⁸	29.69	2010	Unclear	71/261,031	27.20	
Ciudad Autónoma de Buenos Aires, Argentine Republic ⁶⁹	34.63	2014	Poser ² , 2010 McDonald ³	4,901/12,806,866	38.27	
Middle East and Africa						
Reunion Région, French Republic ²³	20.92	2013	Insular criteria	9/47,197	19.07	
Abu Dhabi, United Arab Emirates, Emirates Nationals ⁷⁰	24.45	2014	2010 McDonald ³	286/500,997	57.09	71.98
Dubai, United Arab Emirates ⁷¹	25.27	2007	2001 McDonald ⁹	284/1,422,000	19.97	
State of Qatar ⁷²	25.30	2010	Unspecified McDonald	154/238,507	64.57	
Hormozgan Province, Islamic Republic of Iran ⁷³	27.12	2013	Unspecified McDonald	300/1,578,183	19.01	
Al Quseir City, Arab Republic of Egypt ⁷⁴	27.25	2009	2010 McDonald ³	3/21,827	13.74	
Bushehr Province, Islamic Republic of Iran ⁷³	28.80	2013	Unspecified McDonald	331/1,032,949	32.04	
Sistan and Balouchestan Province, Islamic Republic of Iran ⁷⁵	28.94	2009	2001 ⁹ /2005 ⁷ McDonald	188/1,346,367	13.96	
Sistan & Baluchestan Province, Islamic Republic of Iran ⁷³	28.94	2013	Unspecified McDonald	188/2,534,327	7.42	
Kerman Province, Islamic Republic of Iran ⁷⁶	28.96	2011	2010 McDonald ³	932/2,938,988	31.62	27.83
Kerman Province, Islamic Republic of Iran ⁷³	28.96	2013	Unspecified McDonald	1,087/2,938,988	36.99	
Fars Province, Islamic Republic of Iran ⁷⁷	29.22	2013	2010 McDonald ³	3,354/4,651,718	72.10	
Fars Province,	29.22	2013	Unspecified McDonald	3,585/4,596,658	77.99	

Islamic Republic of Iran ⁷³						
State of Kuwait ⁷⁸	29.42	2013	2010 McDonald ¹	1,176/1,089,969	107.89	103.46
Kohgiluyeh & Boyer-Ahmad Province, Islamic Republic of Iran ⁷³	30.89	2013	Unspecified McDonald	267/658,629	40.54	
Khuzestan Province, Islamic Republic of Iran ⁷⁹	31.57	2009	Unspecified McDonald	696/4,274,979	16.28	
Khuzestan Province, Islamic Republic of Iran ⁷³	31.57	2013	Unspecified McDonald	1,269/4,531,720	28.00	
Yazd Province, Islamic Republic of Iran ⁷³	31.66	2013	Unspecified McDonald	441/1,074,428	41.05	
Chatar Mahaal & Bakhtiari Province, Islamic Republic of Iran ⁷³	31.95	2013	Unspecified McDonald	537/895,263	59.98	
Isfahan, Islamic Republic of Iran ⁸⁰	32.63	2010	2001 ⁹ /2005 ⁷ McDonald	3,522/4804,458	73.31	73.89
Khorasan-South Province, Islamic Republic of Iran ⁷³	32.77	2013	Unspecified McDonald	106/662,534	16.00	
Ilam Province, Islamic Republic of Iran ⁷³	33.05	2013	Unspecified McDonald	162/557,599	29.05	
Isfahan Province, Islamic Republic of Iran ⁷³	33.13	2013	Unspecified McDonald	4,343/4,879,312	89.01	
Lorestan Province, Islamic Republic of Iran ⁷³	33.55	2013	Unspecified McDonald	351/1,754,243	20.01	
Kermanshah, Islamic Republic of Iran ⁸¹	34.33	2012	Insular criteria	448/1,034,642	43.30	
Kermanshah Province, Islamic Republic of Iran ⁷³	34.48	2013	Unspecified McDonald	370/1,945,227	19.02	
Qom, Islamic Republic of Iran ⁸²	34.65	2011	Poser ² , 2001 McDonald ⁹	581/1,151,672	50.45	
Qom Province, Islamic Republic of Iran ⁷³	34.65	2013	Unspecified McDonald	599/1,151,672	52.01	
Hamadan Province, Islamic Republic of Iran ⁷³	34.97	2013	Unspecified McDonald	985/1,758,268	56.02	
Alborz Province, Islamic Republic of Iran ⁷³	35.25	2013	Unspecified McDonald	1,737/2,412,513	72.00	
Torbat-e Heydarieh,	35.28	2016	Unspecified McDonald	107/343,730	31.13	28.75

Islamic Republic of Iran ⁸³						
Tehran Province, Islamic Republic of Iran ⁷³	35.53	2013	Unspecified McDonald	10,721/12,183,391	88.00	
Khorasan-Razavi Province, Islamic Republic of Iran ⁷³	35.61	2013	Unspecified McDonald	2,158/5,994,402	36.00	
Kordestan Province, Islamic Republic of Iran ⁷³	35.65	2013	Unspecified McDonald	612/1,493,645	40.97	
Tehran, Islamic Republic of Iran ⁸⁴	35.69	2009	Poser ² , 2001 McDonald ⁹	7,896/14,105,038	55.98	
Tehran, Islamic Republic of Iran ⁸⁵	35.69	2014	Poser ² , 2001 McDonald ⁹	15,672/15,457,146	101.39	
Semnan Province, Islamic Republic of Iran ⁷³	35.91	2013	Unspecified McDonald	353/631,218	55.92	
Markazi Province, Islamic Republic of Iran ⁷³	35.98	2013	Unspecified McDonald	863/1,413,959	61.03	
Qazvin Province, Islamic Republic of Iran ⁷³	36.16	2013	Unspecified McDonald	192/1,201,565	15.98	
Gazipasa, Republic of Turkey ⁸⁶	36.27	2012	2010 McDonald ³	7/13,462	52.00	
Mazandran Province, Islamic Republic of Iran ⁸⁷	36.32	2007	Unspecified McDonald	582/2,893,087	20.12	
Mazandaran Province, Islamic Republic of Iran ⁷³	36.32	2013	Unspecified McDonald	1,198/3,073,943	38.97	
Zanjan Province, Islamic Republic of Iran ⁷³	36.40	2013	Unspecified McDonald	193/1,015,734	19.00	
Khorasan-North Province, Islamic Republic of Iran ⁷³	37.21	2013	Unspecified McDonald	156/867,727	17.98	
Golestan Province, Islamic Republic of Iran ⁷³	37.27	2013	Unspecified McDonald	374/1,777,014	21.05	
Azerbaijan-West Province, Islamic Republic of Iran ⁷³	37.86	2013	Unspecified McDonald	1,309/3,080,576	42.49	
Azerbaijan-East Province, Islamic Republic of Iran ⁷³	37.89	2013	Unspecified McDonald	2,198/3,724,620	59.01	
Azerbaijan-East Province, Islamic Republic of Iran	37.90	2009	2001 McDonald ⁹	1,000/422,581	28.54	26.15

Gilan Province, Islamic Republic of Iran ⁷³	38.25	2013	Unspecified McDonald	943/2,480,874	38.01	
Ardabil Province, Islamic Republic of Iran ⁷³	38.66	2013	Unspecified McDonald	499/1,248,488	39.97	
North Caucasus, Republic of Turkey ⁸⁸	40.00	2009	2001 McDonald ⁹	5/7,249	68.98	
Karabük, Republic of Turkey ⁸⁹	40.08	2015	2010 McDonald ³	27/28,127	95.99	97.31
Middle Black Sea Region - Tokat, Republic of Turkey ⁹⁰	40.32	2010	2001 McDonald ⁹	270/617,802	43.70	
Geyve, Republic of Turkey ⁹¹	40.51	2010	Poser ²	7/17,016	41.14	
Middle Black Sea Region - Çorum, Republic of Turkey ⁹⁰	40.55	2010	2001 McDonald ⁹	208/535,405	38.85	
Middle Black Sea Region - Amasya, Republic of Turkey ⁹⁰	40.66	2010	2001 McDonald ⁹	124/334,786	37.04	
Erbaa, Republic of Turkey ⁹¹	40.67	2010	Poser ²	15/28,177	53.23	
Middle Black Sea Region – Ordu, Republic of Turkey ⁹⁰	40.99	2010	2001 McDonald ⁹	276/719,183	38.38	
Ordu, Republic of Turkey ⁸⁶	40.99	2012	2010 McDonald ³	16/28,829	55.50	
Akçakoca, Republic of Turkey ⁸⁹	41.05	2015	2010 McDonald ³	6/12,992	46.18	43.51
Kandıra, Republic of Turkey ⁹¹	41.07	2010	Poser ²	5/8,171	61.19	
Artvin, Republic of Turkey ⁸⁶	41.18	2012	2010 McDonald ³	3/16,129	18.60	
Middle Black Sea Region – Samsun, Republic of Turkey ⁹⁰	41.28	2010	2001 McDonald ⁹	583/1,252,693	46.54	
Middle Black Sea Region – Sinop, Republic of Turkey ⁹⁰	42.03	2010	2001 McDonald ⁹	123/202,740	60.67	
Asia and Pacific Islands						
Karnataka State,	15.32	2013	2001 McDonald ⁹	35/419,306	8.35	

Republic of India ⁹²						
Hong Kong, UK ⁹³	22.05	1987	Poser ²	43/4,900,000	0.88	
Republic of China ⁹⁴	23.60	1995	Poser ²	425/22,405,000	1.90	
Shandong Province, People's Republic of China ⁹⁵	35.89	2013	ICD-10 coding	5,038/95,792,719	5.26	5.39
Republic of Korea ⁹⁶	35.93	2005	2005 McDonald ⁷	1,658/47,102,273	3.52	3.44
Tokachi Province, Japan ⁹⁷	43.44	2011	Insular criteria	60/352,941	17.00	

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