

Table 121. Number of magnetic resonance imaging (MRI) units and computed tomography (CT) scanners:
Selected countries, selected years 1990-2007

(Data are based on reporting by the Organisation for Economic Co-operation and Development (OECD) countries)

Country	1990	1995	2000	2005	2006	2007	1990	1995	2000	2005	2006	2007
	Number of MRI units per million population						Number of CT scanners per million population					
Australia ¹	0.6	2.9	3.5	4.2	4.8	5.1	13.8	20.5	26.1	51.0	56.0	---
Austria.....	---	---	10.9	16.2	16.8	17.7	---	---	25.8	29.6	29.8	29.8
Belgium.....	2.0	3.3	6.0	7.0	7.1	7.5	16.1	---	21.8	38.7	39.8	41.6
Canada ²	0.7	1.4	2.5	5.7	6.2	6.7	7.1	8.0	---	11.5	12.0	12.7
Czech Republic ³	---	1.0	1.7	3.1	3.8	4.4	---	6.7	9.6	12.3	13.1	12.9
Denmark.....	2.5	---	5.4	---	---	---	4.3	7.3	11.4	13.8	15.8	17.4
Finland.....	1.8	4.3	9.9	14.7	15.2	15.3	9.8	11.7	13.5	14.7	14.8	16.4
France.....	0.8	2.1	2.6	4.7	5.3	5.7	6.7	9.2	9.5	9.8	10.0	10.3
Germany ⁴	---	---	---	---	---	---	---	---	---	---	---	---
Greece.....	0.4	---	---	13.2	---	---	6.5	---	---	25.8	---	---
Hungary ⁵	0.1	1.0	1.8	2.6	2.6	2.8	1.9	4.6	5.7	7.1	7.2	7.3
Iceland.....	3.9	7.5	10.7	20.3	19.7	19.3	11.8	18.7	21.3	23.7	26.3	32.1
Ireland.....	---	---	---	---	8.0	8.5	4.3	---	---	10.6	12.8	14.3
Italy ⁶	1.3	---	7.7	15.0	16.9	18.6	6.0	---	21.0	27.7	29.1	30.3
Japan ⁷	6.1	---	---	40.1	---	---	55.2	---	---	---	---	---
Luxembourg.....	2.6	2.4	2.3	10.8	10.7	10.5	5.2	26.6	25.2	28.2	27.7	27.3
Mexico.....	---	---	---	1.3	1.4	1.5	---	---	---	3.3	3.4	4.0
Netherlands ⁸	0.9	3.9	---	6.6	---	---	7.3	---	---	8.2	8.4	---
New Zealand.....	---	---	---	---	---	8.8	3.6	---	8.8	---	---	12.3
Poland.....	---	---	---	2.0	1.9	2.7	---	---	4.4	7.9	9.2	9.7
Portugal ⁹	0.8	---	---	---	5.8	8.9	4.6	---	---	26.2	25.8	26.0
Republic of Korea.....	---	3.9	5.4	12.1	13.6	16.0	---	15.5	28.4	32.3	33.7	37.1
Slovak Republic ¹⁰	---	---	---	4.3	4.5	5.7	---	---	---	11.3	12.1	13.7
Spain ¹¹	---	2.7	4.8	8.1	8.8	9.3	---	8.3	12.0	13.5	13.9	14.6
Sweden.....	1.5	6.8	---	---	---	---	10.5	---	---	---	---	---
Switzerland.....	---	---	12.9	14.4	14.0	14.4	---	---	18.5	18.2	18.7	18.7
Turkey.....	---	---	---	---	3.5	5.6	1.6	---	---	---	7.8	8.1
United Kingdom ¹²	---	---	4.7	5.4	5.6	8.2	---	---	4.5	7.5	7.6	---
United States ¹³	---	12.3	---	---	26.5	25.9	---	---	---	---	34.0	34.3
	Number of MRI units						Number of CT scanners					
Australia ¹	11	52	67	86	100	108	235	370	500	1,040	1,160	---
Austria.....	---	---	88	133	139	147	---	---	209	244	247	248
Belgium.....	20	33	61	73	75	80	160	---	223	406	420	442
Canada ²	19	40	76	185	201	222	198	234	---	373	392	419
Czech Republic ³	---	10	17	32	39	45	---	69	99	126	134	133
Denmark.....	13	---	29	---	---	---	22	38	61	75	86	95
Finland.....	9	22	51	77	80	81	49	60	70	77	78	87
France.....	45	123	156	288	325	350	379	534	563	595	615	635
Germany ⁴	---	184	405	585	635	673	---	702	999	1,271	1,304	1,340
Greece.....	4	---	---	147	---	---	66	---	---	286	---	---
Hungary ⁵	1	10	18	26	26	28	20	47	58	72	73	73
Iceland.....	1	2	3	6	6	6	3	5	6	7	8	10
Ireland.....	---	---	---	---	34	37	15	---	---	44	54	62
Italy ⁶	72	---	442	870	986	1,097	340	---	1,203	1,613	1,703	1,785
Japan ⁷	756	---	---	5,128	---	---	6,821	---	---	---	---	---
Luxembourg.....	1	1	1	5	5	5	2	11	11	13	13	13

Mexico.....	---	---	---	139	147	161	---	---	---	347	356	422
Netherlands ⁸	13	60	---	107	---	---	109	---	---	134	137	---
New Zealand.....	---	---	---	---	---	37	12	---	34	---	---	52
Poland.....	---	---	---	77	74	103	---	---	169	303	352	368
Portugal ⁹	8	---	---	---	61	94	45	---	---	277	273	276
Republic of Korea.....	---	174	254	584	657	777	---	699	1,334	1,557	1,629	1,799
Slovak Republic ¹⁰	---	---	---	23	24	31	---	---	---	61	65	74
Spain ¹¹	---	107	194	350	386	417	---	327	483	587	611	654
Sweden.....	13	60	---	---	---	---	90	---	---	---	---	---
Switzerland.....	---	---	93	107	105	109	---	---	133	135	140	141
Turkey.....	---	---	---	---	254	395	89	---	---	---	566	569
United Kingdom ¹²	---	---	277	326	342	500	---	---	264	450	458	---
United States ¹³	---	3,265	---	---	7,930	7,810	---	---	---	---	10,150	10,335

---Data not available.

¹Starting with 2000 data, the number of MRI units include only those that are approved for billing to Medicare (Australia's national health program).

In 1999, approved units represented approximately 60% of total units.

²The number of units in freestanding imaging facilities was imputed for years prior to 2003 based on data collected in the 2003 National Survey of Selected Medical Imaging Equipment, conducted by the Canadian Institute for Health Information. MRI units in Quebec are not included in 2000.

³Prior to 2000, the data include only equipment of Health Sector establishments.

⁴Data include equipment installed in all types of hospitals.

⁵Equipment used in military hospitals and the health institutes of Hungarian State Railways are not included.

⁶1990 data include only equipment in public and private hospitals.

⁷Prior to 2000, the data include only equipment in hospitals.

⁸2005 data are the number of hospitals reporting to have an MRI unit.

⁹Data do not include equipment in all the private sectors.

¹⁰Data include devices in hospitals and do not include equipment in other health care facilities.

¹¹Data include equipment available in hospitals and do not include equipment in other health care facilities.

¹²Data include devices in public sector establishments only.

¹³Data are from the MRI Census and are comparable to the OECD definition. The devices in U.S. territories are not included.

NOTES: Data for additional years are available.

Countries use different methods for collecting data. Therefore, estimates

may not be directly comparable across countries and comparisons among them should be made with caution.

See Appendix III.

SOURCE: Organisation for Economic Co-operation and Development (OECD); 2007 Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Census. Benchmark Report: IMV, Limited, Medical Information Division.

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