

**Indices of data quality (Volume VI)**  
**Brain, central nervous system (ICD-9 191-2)**

	Male				Female			
	Cases	MV	DCO	M/I	Cases	MV	DCO	M/I
<b>Africa</b>								
* Algeria, Setif Wilaya	6	0			8	0		
* The Gambia	0	-	-		0	-	-	
* Mali, Bamako	1	0	0		4	0	0	
<b>America, Central and South</b>								
* Brazil, Goiania	23	87		30	32	81		38
* Brazil, Porto Alegre	50	50		92	29	45		83
+* Colombia, Cali	99	[68]	12	63	85	[60]	14	61
* Costa Rica	147	91			90	79		
+* Cuba	222	[49]		53	178	[48]		52
* Ecuador, Quito	25	52	36	136	29	69	24	83
+ France, Martinique	19	[79]			20	[95]		
* Paraguay, Asuncion Region	62	45	23		45	44	24	
* Peru, Trujillo	5	60	0	40	12	50	0	42
USA, Puerto Rico	295	85	3	59	233	85	5	58
<b>America, North</b>								
* Bermuda: Black	2	50			0	-		
* Bermuda: White and Other	4	25			2	99		
Canada	4688	72	2	72	3706	67	3	70
Canada, Alberta	358	89	2	73	257	87	3	67
Canada, British Columbia	579	84	9	76	394	76	16	71
Canada, Manitoba	191	27	0	65	137	29	0	72
Canada, Maritime Provinces	247	80	0	72	183	72	0	66
Canada, New Brunswick	89	88	0	80	56	77	0	66
Canada, Nova Scotia	143	78		66	118	70		59
Canada, Prince Edward Island	15	47	0	87	9	67	0	144
Canada, Newfoundland	68	82	0	82	78	91	0	78
Canada, Northwest Territories and Yukon	9	78	0	44	4	50	0	125
Canada, Ontario	1844	78	1	68	1546	72	2	66
+ Canada, Quebec	1220	57	0	75	981	52	0	73
Canada, Saskatchewan	172	78	1	84	126	73	2	99
USA, California, Alameda County: White	164	86	1	71	142	87	1	63
USA, California, Alameda County: Black	15	87	0	53	17	94	0	53
USA, California, San Francisco Bay Area: White	550	89	2	66	430	83	2	68
USA, California, San Francisco Bay Area: Black	37	81	0	65	33	82	0	52
* USA, California, Los Angeles County: Chinese	7	71	14	129	8	62	25	88
* USA, California, Los Angeles County: Japanese	5	99	0	140	4	99	0	75
* USA, California, Los Angeles County: Korean	12	99	0	28	6	67	17	167
* USA, California, Los Angeles County: Filipino	6	83	17	133	10	80	0	70
USA, California, Los Angeles County: Black	94	90	6	83	83	76	8	83
USA, California, Los Angeles County: Spanish-Surnamed White	200	92	2	66	171	87	5	60
USA, California, Los Angeles County: Other White	827	87	5	83	674	79	11	81
USA, Connecticut: White	572	84	1	65	493	77	1	68
USA, Connecticut: Black	21	90	0	76	24	79	4	42
USA, Georgia, Atlanta: White	216	87	2	74	183	83	2	66
USA, Georgia, Atlanta: Black	35	89	3	49	34	79	3	47
USA, Iowa	548	87	1	77	448	83	1	78
USA, Louisiana, New Orleans : White	122	89	0	70	116	80	0	59
USA, Louisiana, New Orleans : Black	44	96	0	64	40	68	0	70
USA, Michigan, Detroit: White	542	91	1	77	519	88	1	76
USA, Michigan, Detroit: Black	91	93	1	64	67	81	0	75
USA, New Mexico	197	92	2	68	141	86	6	72
USA, New York City	1087	71	5	72	1010	68	8	70
USA, New York State (Less New York City)	1857	80	3	64	1637	73	5	65
USA, Utah	234	92	1	60	183	83	0	56
USA, Washington, Seattle	521	91	1	72	409	88	0	69
USA, Seer: White	3388	89	1	71	2810	84	2	71
USA, Seer: Black	207	90	1	58	168	81	1	58
USA, Hawaii: White	69	91	1	49	34	85	3	79
USA, Hawaii: Chinese	4	99	0	125	5	80	0	0
USA, Hawaii: Japanese	21	90	0	57	22	82	0	50
USA, Hawaii: Filipino	8	75	0	100	7	86	0	29
USA, Hawaii: Hawaiian	14	79	0	50	11	99	0	54

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<b>Asia (contd)</b>								
+* China, Qidong City	70	[30]		71	65	[37]		75
+* China, Shanghai	872	46	36	75	755	50	33	63
+* China, Tianjin	338	55	0	74	299	46	0	75
* Hong Kong	522	[55]	21	67	445	[48]	24	68
+* India, Ahmedabad	75	[75]	12		42	[81]	17	
+* India, Bangalore	144	86	11	29	89	85	8	26
+* India, Bombay	446	71	9	51	265	71	8	52
+* India, Madras	192	[80]	7	40	93	[75]	8	37
Israel: All Jews	733	68			838	71		
Israel: Jews Born In Israel	214	81			210	80		
Israel: Jews Born In Europe Or America	350	63			400	68		
Israel: Jews Born In Africa Or Asia	168	64			225	67		
Israel: Non-Jews	63	59			32	62		
Japan, Hiroshima City	51	90	4	28	40	92	2	30
+ Japan, Miyagi Prefecture	132	[98]	1	23	103	[94]	2	11
+ Japan, Nagasaki City	40	[78]	2	58	27	[74]	7	63
Japan, Osaka Prefecture	664	59	13	28	544	52	18	27
+ Japan, Saga Prefecture	23	[52]	26	44	29	[72]	7	48
+ Japan, Yamagata Prefecture	100	[69]	18	22	131	[60]	26	14
+* Kyrgyzstan	40				41			
* Kuwait: Kuwaitis	26	[69]	4	112	12	[33]	17	117
* Kuwait, Non-Kuwaitis	92	[61]	9	58	41	[56]	7	46
* Philippines, Manila	144	49	33	55	120	43	42	66
* Philippines, Rizal Province	119	50	36	66	71	44	37	62
Singapore: Chinese	95	73	15		78	82	9	
Singapore: Malay	16	88	0		13	69	15	
Singapore: Indian	10	50	50		8	62	25	
* Thailand, Chiang Mai	39	31	26	62	55	54	11	58
* Thailand, Khon Kaen	26	46	15		23	35	22	
<b>Europe</b>								
+* Belarus	718	[61]	3	96	590	[60]	2	94
+* Czechoslovakia, Bohemia and Moravia	1606	63	3	82	1264	61	3	80
Czechoslovakia, Slovakia	686	72	14	81	605	66	19	79
Denmark	1538	78	3	61	1634	79	3	44
Estonia	187	87		82	167	86		81
Finland	830	84		68	806	78		73
France, Bas-Rhin	136	71		67	106	72		59
France, Calvados	66	76		74	47	68		62
France, Doubs	63	71		70	48	62		54
France, Iserre	126	94		85	102	95		76
France, Somme	34	85		53	30	77		67
France, Tarn	51	86		94	27	63		111
+ German Democratic Republic	2053	87	0	82	1724	85	0	84
+ Germany, Saarland	162	69	15	74	149	70	11	54
+ Hungary, County Szabolcs-Szatmar	56	[77]	0	89	39	[67]	0	90
+* Hungary, County Vas	48	[69]			43	[67]		
+ Iceland	55	67	4	66	59	66	2	52
Ireland, Southern	74	81		73	56	79		61
Italy, Florence	153	[44]	8	94	127	[42]	6	85
Italy, Genoa	63	41	10	127	54	48	17	113
+ Italy, Latina Province	39	[36]	0	72	22	[27]	0	104
Italy, Lombardy Region, Varese Province	128	53	2	79	132	45	3	76
Italy, Parma Province	72	71	6	93	55	53	13	98
+ Italy, Ragusa Province	45	69	0	73	30	60	0	67
Italy, Romagna	40	32	2	50	41	46	0	73
+ Italy, Torino	133	[50]	7	102	97	[37]	10	114
Italy, Trieste	37	62	0	62	55	44	2	49
+* Latvia	273	[55]	10	97	267	[47]	15	96
Netherlands, Eindhoven	102	60		102	74	73		90
* Netherlands, Maastricht	73	[82]	0	104	55	[84]	0	94
Norway	1199	84	2	54	1147	82	2	39

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<b>Europe (contd)</b>								
Poland, Cracow City	75	71	4	89	60	63	2	87
+* Poland, Lower Silesia	172	38	3	91	172	46	2	76
* Poland, Nowy Sacz Rural Areas	41	32	2	73	44	18	2	54
+* Poland, Opole	94	42	1	65	78	26	1	70
+ Poland, Warsaw City	314	[52]	9	103	285	[49]	11	101
+* Poland, Warsaw Rural Areas	105	[37]	16	72	71	[44]	13	82
* Portugal, Vila Nova De Gaia	38	50	40	0	38	40	29	0
+* Romania, County Cluj	82	[48]	1	113	56	[45]	4	130
+* Russia, St Petersburg	378				406			
Slovenia	218	89	1	114	180	79	3	125
Spain, Catalonia, Tarragona	63	54	18	86	56	32	20	80
Spain, Granada	80	69	18	60	67	57	21	36
Spain, Murcia	103	73	5	89	70	76	7	129
Spain, Navarra	112	[50]	14	82	75	[55]	9	72
* Spain, Basque Country	146	62	18	65	102	64	13	71
* Spain, Zaragoza	110	48	26		90	31	23	
+ Sweden	2971	86		42	3332	87		32
Switzerland, Basel	77	95	0	80	67	87	0	92
Switzerland, Geneva	61	95	0	70	50	94	0	82
Switzerland, Neuchatel	27	96	4	82	21	95	5	114
Switzerland, St Gall-Appenzell	84	88	2	74	58	83	3	67
+ Switzerland, Vaud	88	76	17	76	71	79	16	69
Switzerland, Zurich	202	80	0	80	167	77	0	79
+ UK, England and Wales	8286			87	6274			87
UK, England, Birmingham and West Midlands Region	650	[90]	2	83	427	[90]	4	93
UK, England, North Western Region	598	63	5	86	442	63	2	78
UK, England, Oxford Region	460	54	1	76	338	55	2	75
* UK, England, South Thames Region	1596	58	17	60	1491	54	20	51
+ UK, England, South Western Region	570	[57]		90	434	[58]		85
+ UK, England, Trent Region	743	64	2	91	609	59	2	83
UK, England, Mersey Region	398	62	0	90	318	64	1	77
UK, England, Yorkshire Region	588	62	4	80	520	53	6	83
UK, Scotland	874	70	2	81	697	64	3	79
UK, Scotland, East	64	[86]	0	88	63	[70]	0	81
UK, Scotland, North	36	78	0	106	19	74	0	137
UK, Scotland, North-East	103	[74]	1	81	78	[73]	0	78
UK, Scotland, South-East	220	[86]	0	74	150	[71]	2	75
UK, Scotland, West	451	58	4	81	387	58	5	78
<b>Oceania</b>								
Australian Capital Territory	29	[86]	0	69	28	[89]	0	57
Australia, New South Wales	983	[80]	0	75	727	[76]	0	79
South Australia	274	84		78	203	77		80
Australia, Tasmania	90	86		79	42	79		98
Australia, Victoria	782	72	4	82	570	67	5	79
Western Australia	199	63	7		178	61	8	
New Zealand: Maori	28	82	0	61	30	70	3	47
New Zealand: Non-Maori	585	77	1	75	442	73	3	78