

Leading causes of DALYs in Japan for the year 2000 <15to59>

Persons	Males		Females	
	% total DALYs	% total DALYs	% total DALYs	% total DALYs
1 Unipolar depressive disorders	9.0	8.9	1 Unipolar depressive disorders	11.9
2 Self-inflicted injuries	6.7	7.2	2 Cerebrovascular disease	4.6
3 Cerebrovascular disease	6.1	7.2	3 Hearing loss, adult onset	4.4
4 Alcohol use disorders	5.6	6.7	4 Self-inflicted injuries	3.9
5 Hearing loss, adult onset	3.2	4.3	5 Osteoarthritis	3.6
6 Road traffic accidents	3.1	4.1	6 Breast cancer	3.6
7 Ischaemic heart disease	2.9	2.8	7 Alcohol use disorders	3.6
8 Osteoarthritis	2.9	2.5	8 Bipolar affective disorder	3.2
9 Bipolar affective disorder	2.8	2.5	9 Diabetes mellitus	2.5
10 Diabetes mellitus	2.7	2.4	10 Asthma	2.3
11 Asthma	2.4	2.3	11 Schizophrenia	2.3
12 Stomach cancer	2.2	2.2	12 Panic disorder	2.2
13 Schizophrenia	2.0	2.2	13 Stomach cancer	1.9
14 Colon and rectum cancers	1.9	2.0	14 Migraine	1.9
15 Trachea, bronchus and lung cancers	1.6	2.0	15 Rheumatoid arthritis	1.9
16 Breast cancer	1.6	1.9	16 Colon and rectum cancers	1.9
17 Chronic obstructive pulmonary disease	1.6	1.8	17 Iron-deficiency anaemia	1.8
18 Cirrhosis of the liver	1.5	1.7	18 Road traffic accidents	1.5
19 Panic disorder	1.5	1.6	19 Post-traumatic stress disorder	1.5
20 Congenital anomalies	1.2	1.0	20 Insomnia (primary)	1.5



### Leading causes of death in Japan for the year 2000 <60+>

Persons	% total deaths	Males	% total deaths	Females	% total deaths
1 Cerebrovascular disease	15.4	1 Cerebrovascular disease	13.2	1 Cerebrovascular disease	17.8
2 Lower respiratory infections	11.1	2 Lower respiratory infections	11.0	2 Lower respiratory infections	11.1
3 Ischaemic heart disease	10.1	3 Ischaemic heart disease	9.8	3 Ischaemic heart disease	10.4
4 Trachea, bronchus and lung cancers	5.8	4 Trachea, bronchus and lung cancers	8.1	4 Stomach cancer	4.0
5 Stomach cancer	5.4	5 Stomach cancer	6.6	5 Colon and rectum cancers	3.7
6 Colon and rectum cancers	3.8	6 Liver cancer	4.5	6 Trachea, bronchus and lung cancers	3.4
7 Liver cancer	3.5	7 Colon and rectum cancers	3.9	7 Nephritis and nephrosis	2.8
8 Nephritis and nephrosis	2.4	8 Chronic obstructive pulmonary disease	2.4	8 Liver cancer	2.5
9 Pancreas cancer	2.0	9 Nephritis and nephrosis	2.0	9 Pancreas cancer	2.0
10 Chronic obstructive pulmonary disease	1.7	10 Pancreas cancer	2.0	10 Diabetes mellitus	1.4
11 Diabetes mellitus	1.3	11 Prostate cancer	1.8	11 Breast cancer	1.2
12 Self-inflicted injuries	1.3	12 Oesophagus cancer	1.6	12 Lymphomas and multiple myeloma	1.1
13 Lymphomas and multiple myeloma	1.2	13 Self-inflicted injuries	1.6	13 Hypertensive heart disease	1.1
14 Oesophagus cancer	1.0	14 Diabetes mellitus	1.2	14 Self-inflicted injuries	1.1
15 Cirrhosis of the liver	1.0	15 Lymphomas and multiple myeloma	1.2	15 Chronic obstructive pulmonary disease	1.0
16 Prostate cancer	0.9	16 Cirrhosis of the liver	1.2	16 Cirrhosis of the liver	0.8
17 Hypertensive heart disease	0.8	17 Road traffic accidents	0.8	17 Alzheimer and other dementias	0.8
18 Road traffic accidents	0.7	18 Tuberculosis	0.7	18 Inflammatory heart diseases	0.6
19 Falls	0.6	19 Bladder cancer	0.7	19 Ovary cancer	0.6
20 Inflammatory heart diseases	0.6	20 Leukaemia	0.6	20 Drownings	0.6

Leading causes of DALYs in Japan for the year 2000 (60+)

Persons	Males		Females	
	% total DALYs	% total DALYs	% total DALYs	% total DALYs
1 Cerebrovascular disease	13.1	13.5	1 Alzheimer and other dementias	14.2
2 Alzheimer and other dementias	10.0	7.1	2 Cerebrovascular disease	12.7
3 Ischaemic heart disease	6.3	6.2	3 Hearing loss, adult onset	6.1
4 Hearing loss, adult onset	5.3	6.1	4 Osteoarthritis	5.8
5 Lower respiratory infections	4.3	5.2	5 Ischaemic heart disease	5.4
6 Trachea, bronchus and lung cancers	4.3	4.9	6 Lower respiratory infections	3.7
7 Osteoarthritis	4.1	4.5	7 Colon and rectum cancers	3.1
8 Stomach cancer	4.0	4.1	8 Stomach cancer	2.7
9 Colon and rectum cancers	3.4	3.7	9 Trachea, bronchus and lung cancers	2.3
10 Liver cancer	3.1	2.6	10 Diabetes mellitus	2.2
11 Diabetes mellitus	2.0	2.4	11 Liver cancer	2.0
12 Chronic obstructive pulmonary disease	1.7	1.8	12 Unipolar depressive disorders	1.8
13 Pancreas cancer	1.5	1.6	13 Pancreas cancer	1.4
14 Self-inflicted injuries	1.3	1.6	14 Vision disorders, age-related	1.4
15 Unipolar depressive disorders	1.2	1.5	15 Breast cancer	1.3
16 Parkinson disease	1.1	1.4	16 Parkinson disease	1.2
17 Nephritis and nephrosis	1.1	1.4	17 Nephritis and nephrosis	1.2
18 Cirrhosis of the liver	1.1	1.1	18 Self-inflicted injuries	1.0
19 Vision disorders, age-related	1.1	1.1	19 Rheumatoid arthritis	1.0
20 Lymphomas and multiple myeloma	0.9	1.0	20 Chronic obstructive pulmonary disease	0.9

Leading causes of YLD in Japan for the year 2000 <60+>

Persons	Males		Females		% total YLD
	% total YLD		% total YLD		
1 Alzheimer and other dementias	23.2	1 Alzheimer and other dementias	17.3	1 Alzheimer and other dementias	27.7
2 Cerebrovascular disease	13.2	2 Cerebrovascular disease	17.0	2 Hearing loss, adult onset	12.2
3 Hearing loss, adult onset	12.5	3 Hearing loss, adult onset	12.8	3 Osteoarthritis	11.5
4 Osteoarthritis	9.8	4 Osteoarthritis	7.5	4 Cerebrovascular disease	10.4
5 Unipolar depressive disorders	2.9	5 Chronic obstructive pulmonary disease	3.5	5 Unipolar depressive disorders	3.5
6 Diabetes mellitus	2.6	6 Parkinson disease	2.6	6 Diabetes mellitus	2.8
7 Vision disorders, age-related	2.6	7 Diabetes mellitus	2.5	7 Vision disorders, age-related	2.7
8 Parkinson disease	2.2	8 Vision disorders, age-related	2.4	8 Parkinson disease	1.9
9 Chronic obstructive pulmonary disease	2.1	9 Unipolar depressive disorders	2.1	9 Rheumatoid arthritis	1.5
10 Colon and rectum cancers	1.6	10 Colon and rectum cancers	2.0	10 Colon and rectum cancers	1.2
11 Ischaemic heart disease	1.3	11 Benign prostatic hypertrophy	1.9	11 Insomnia (primary)	1.0
12 Rheumatoid arthritis	1.2	12 Ischaemic heart disease	1.6	12 Chronic obstructive pulmonary disease	1.0
13 Insomnia (primary)	1.0	13 Alcohol use disorders	1.1	13 Ischaemic heart disease	1.0
14 Edentulism	0.9	14 Prostate cancer	1.1	14 Edentulism	0.9
15 Falls	0.9	15 Insomnia (primary)	0.9	15 Falls	0.9
16 Benign prostatic hypertrophy	0.8	16 Falls	0.9	16 Corpus uteri cancer	0.6
17 Alcohol use disorders	0.5	17 Edentulism	0.8	17 Asthma	0.6
18 Stomach cancer	0.5	18 Rheumatoid arthritis	0.8	18 Breast cancer	0.4
19 Prostate cancer	0.5	19 Stomach cancer	0.7	19 Cirrhosis of the liver	0.3
20 Trachea, bronchus and lung cancers	0.4	20 Trachea, bronchus and lung cancers	0.7	20 Hypertensive heart disease	0.3

YLL(3,1) by age, sex and causes in Japan for the year 2000

Code	Cause	Male											Total	Female											Total
		0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14		15-29	30-44	45-59	60-69	70-79	80+	Total					
W000	All Causes	607054	106938	34691	268753	375372	1039116	904130	724950	320332	3773642	84121	20814	115659	197833	511832	443905	518740	404148	2396952					
W001	I. Communicable, maternal, perinatal and nutritional conditions	56857	35098	2777	5926	14471	49244	59124	76481	59430	301552	28905	2235	5548	8387	19170	29253	49946	62042	205305					
W002	A. Infectious and parasitic diseases	141200	4876	1127	2361	7456	25933	20278	17002	6549	82502	4285	605	2459	2308	9474	13762	14944	8000	55917					
W003	1. Tuberculosis	26133	0	37	67	1090	4912	4195	6001	2522	18865	38	0	136	159	657	1806	2918	1552	7267					
W004	2. STDs excluding HIV	403	0	0	22	29	36	0	0	89	89	0	0	0	0	74	76	84	80	314					
W005	a. Syphilis	125	0	0	0	0	0	0	0	1	89	0	0	0	0	30	0	0	6	36					
W006	b. Chlamydia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W007	c. Gonorrhoea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W008	d. Other STDs	278	0	0	0	0	0	0	0	0	0	0	0	0	0	44	76	84	74	278					
W009	3. HIV/AIDS	927	0	0	137	363	333	59	10	0	901	0	0	0	0	14	11	0	1	25					
W010	4. Diarrhoeal diseases	6442	472	188	285	119	583	724	635	427	3433	508	75	177	52	252	386	808	752	3010					
W011	5. Childhood-cluster diseases	843	157	37	37	22	67	8	22	3	352	103	37	107	78	16	20	33	6	491					
W012	a. Pertussis	41	0	0	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	0					
W013	b. Poliomyelitis	130	0	0	0	0	54	0	0	3	57	0	0	0	0	23	16	20	11	73					
W014	c. Diphtheria	4	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0					
W015	d. Measles	608	115	37	37	22	0	0	0	0	212	193	37	107	55	0	0	0	3	396					
W016	e. Tetanus	61	0	0	0	0	13	0	16	0	38	0	0	0	0	0	0	0	0	22					
W017	f. Meningitis*	3358	362	38	74	146	568	428	234	60	1910	355	38	102	59	233	248	237	95	1447					
W018	6. Hepatitis B	16249	206	75	403	2070	5674	1652	555	1555	10900	80	38	136	591	2317	1334	673	180	5349					
W019	7. Hepatitis C	28000	0	0	104	1183	6043	6465	2021	554	17169	0	0	33	295	2084	4534	3713	972	11631					
W020	8. Malaria	10	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	0					
W021	9. Tropical-cluster diseases	34	0	0	0	0	0	0	6	4	10	0	0	0	0	16	0	5	3	24					
W022	a. Trypanosomiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W023	b. Chagas disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W024	c. Schistosomiasis	34	0	0	0	0	0	0	6	4	10	0	0	0	16	0	0	5	3	24					
W025	d. Leishmaniasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W026	e. Lymphatic filariasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W027	f. Onchocerciasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W028	10. Leprosy	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6					
W029	11. Dengue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W030	12. Japanese encephalitis	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3					
W031	13. Trachoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W032	14. Intestinal nematode infections	24	0	0	0	0	0	0	0	0	3	0	0	0	0	16	0	0	0	21					
W033	a. Ascariasis	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5					
W034	b. Trichuriasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W035	c. Hookworm disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W036	Other intestinal infections	19	0	0	0	0	0	0	0	0	3	0	0	0	0	16	0	0	0	16					
W037	Other infectious diseases	57267	3678	751	1774	2442	6824	6671	6719	2779	31650	3110	416	1688	1074	3704	5306	6462	4435	26327					
W038	Respiratory infections	305262	4883	1576	2651	6220	21556	35204	59581	52199	181350	4346	1517	2092	3712	8901	15045	34192	52716	124431					
W039	1. Lower respiratory infections	302802	4441	1501	2576	5990	21688	35947	58281	52027	182033	3957	1441	1985	3379	8750	14689	33077	52882	120889					
W040	2. Upper respiratory infections	3291	441	75	33	230	289	257	301	102	1709	359	76	107	107	137	146	212	328	1502					
W041	3. Otitis media	69	0	0	0	0	0	0	9	9	9	0	0	0	26	14	0	14	6	60					
W042	C. Maternal conditions	2404	0	0	0	0	0	0	0	0	0	0	0	0	723	1634	44	0	3	2404					
W043	1. Maternal haemorrhage	724	0	0	0	0	0	0	0	0	0	0	0	0	203	521	0	0	0	724					
W044	2. Maternal sepsis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W045	3. Hypertensive disorders*	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250					
W046	4. Obstructed labour	0	0	0	0	0	0	0	0	0	0	0	0	0	106	143	0	0	0	250					
W047	5. Abortion	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148					
W048	Other maternal conditions	1202	0	0	0	0	0	0	0	0	0	0	0	0	56	81	0	0	0	1202					
W049	Perinatal conditions*	45527	25181	75	0	0	0	0	0	0	25256	2006	75	0	347	889	44	0	3	1282					
W050	1. Low birth weight	2995	1600	0	0	0	0	0	0	0	1650	0	0	0	0	0	0	0	0	20271					
W051	2. Birth asphyxia and birth trauma	25208	14051	39	0	0	0	0	0	0	14058	11110	0	0	0	0	0	0	0	1315					
W052	Other perinatal conditions	17223	9440	37	0	0	0	0	0	0	9478	7771	75	0	0	0	0	0	0	11110					

Code	Cause	Male											Female											Total
		0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+						
W053	E. Nutritional deficiencies	11655	159	0	354	795	2654	1651	682	7183	47086	2186	4219	19544	84959	27792	210131	181309	79190	893300				
W054	1. Protein-energy malnutrition	8153	117	0	354	674	2109	1258	587	6183	47086	2186	4219	19544	84959	27792	210131	181309	79190	893300				
W055	2. Iodine deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W056	3. Vitamin A deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W057	4. Iron-deficiency anaemia	1896	0	0	0	26	177	169	118	879	678	0	0	37	33	231	110	91	239	476				
W058	Other nutritional disorders	1416	42	0	0	94	368	215	93	771	888	0	0	0	0	0	0	0	0	0				
W059	II. Noncommunicable diseases	4578200	55736	18084	72022	197202	777723	783246	613393	248224	2506042	47086	12467	46485	138266	432063	381692	441490	327805	1827358				
W060	A. Malignant neoplasms	2150799	3036	5891	22252	70614	385566	422838	299335	81936	1291488	2186	4219	19544	84959	27792	210131	181309	79190	893300				
W061	1. Mouth and oropharynx cancers	43207	0	76	520	2701	13278	9906	5040	1094	32615	0	0	351	1320	3189	2491	2143	1007	10592				
W062	2. Oesophagus cancer	81796	0	34	1485	2732	26306	13788	2855	384	71460	0	0	68	384	3340	3115	2167	1262	10336				
W063	3. Stomach cancer	381210	0	0	1727	72852	77335	54573	16105	233315	48793	0	0	2008	14239	40230	28876	26456	14086	125895				
W064	4. Colon and rectum cancers	259531	0	77	1550	8498	49202	48615	31599	9252	148793	0	0	1206	6845	34488	29648	25785	12147	110138				
W065	5. Liver cancer	286180	231	188	928	6801	61791	77420	37405	6065	190620	154	0	474	1432	10494	23972	22516	6518	65681				
W066	6. Pancreas cancer	131724	0	0	133	3647	26808	25923	17011	4203	77723	0	0	132	1925	13985	15846	15707	6405	54011				
W067	7. Trachea, bronchus, lung cancers	345684	0	75	591	10625	64100	79718	75781	20025	250995	38	0	288	1684	26931	25582	24424	11232	94659				
W068	8. Melanoma and other skin cancers	7223	0	0	356	741	927	1103	652	284	4073	0	0	207	467	1087	486	506	407	3150				
W069	9. Breast cancer	114777	0	0	0	0	173	134	106	64	477	0	0	966	21511	60572	20464	8574	2213	114399				
W070	10. Cervix uteri cancer	27895	0	0	0	0	0	0	0	0	0	0	0	721	7317	11867	4293	2826	961	27895				
W071	11. Corpus uteri cancer	23882	0	0	0	0	0	0	0	0	0	0	527	2176	9759	5611	3927	1602	23882					
W072	12. Ovary cancer	42785	0	0	0	0	0	0	0	0	0	115	1323	5083	20863	6283	4860	1447	42785					
W073	13. Prostate cancer	32423	0	0	0	118	2822	9396	13047	6880	32423	0	0	0	0	0	0	0	0	0				
W074	14. Bladder cancer	23324	0	0	37	406	3559	4729	5643	2391	16766	0	0	34	144	1081	1434	2124	1742	6559				
W075	15. Lymphomas, multiple myeloma	86679	119	537	2628	4863	14662	13883	10839	2893	50223	76	185	1689	3247	9129	9283	9309	3527	36456				
W076	16. Leukaemia	76188	1231	2310	6333	7731	12273	8814	5256	1259	45207	987	1244	4632	4654	8344	5665	4116	1339	30991				
W077	Other malignant neoplasms	236001	1455	2628	7414	10382	35643	30895	28597	8766	133778	920	2865	4908	7259	22412	25861	13126	102223					
W078	B. Diabetes mellitus	63803	1140	1163	4078	8347	8713	7100	2846	36184	693	1477	2295	2533	6255	4569	6019	3869	2710	29425				
W079	C. Diabetes insipidus	78788	0	150	1020	4384	15633	15433	9737	3007	49363	40	0	477	1337	5630	6794	9374	5772	29425				
W080	D. Endocrine disorders	46815	2756	938	1803	3105	5204	4361	4021	2093	24281	2036	649	1932	2455	3746	3664	4436	3616	22534				
W081	E. Neuro-psychiatric conditions	98223	3688	2887	8252	7234	11939	9704	8475	3386	55755	2902	1402	5033	4629	7232	6800	8621	5860	42469				
W082	1. Unipolar depressive disorders	1012	0	0	0	104	237	64	47	20	472	0	0	139	26	140	194	88	31	259				
W083	2. Bipolar disorder	151	0	0	0	0	19	10	0	4	33	0	0	97	0	20	0	0	1	116				
W084	3. Schizophrenia	2466	0	0	171	390	602	242	94	6	1507	0	38	33	175	317	243	114	39	959				
W085	4. Epilepsy	11238	313	599	2106	1892	599	284	178	49	6331	116	228	2307	1200	670	242	159	74	4897				
W086	5. Alcohol use disorders	6102	0	0	281	1990	2471	1021	283	33	5179	0	0	99	309	443	50	18	3	922				
W087	6. Alzheimer and other dementias*	15929	115	150	137	190	1260	1870	1680	1581	7143	0	0	136	205	1089	1673	2431	3254	8797				
W088	7. Parkinson disease	12802	0	38	37	178	596	1379	2860	1206	6294	0	0	33	104	277	1176	2985	1633	6208				
W089	8. Multiple sclerosis	675	0	0	0	78	87	38	14	0	250	38	0	0	94	135	102	50	5	425				
W090	9. Drug use disorders	1538	0	0	0	548	861	136	0	0	1244	0	0	173	103	19	0	0	0	295				
W091	10. Post-traumatic stress disorder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W092	11. Obsessive-compulsive disorder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W093	12. Panic disorder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W094	13. Insomnia (primary)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W095	14. Migraine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W096	15. Mental retardation, lead-caused	310	41	0	0	0	32	41	31	5	150	38	0	37	52	0	17	11	4	158				
W097	Other neuro-psychiatric disorders	46210	3218	2100	4840	2751	5881	4753	3107	699	27151	2709	1136	2076	2264	4132	3173	2756	813	19059				
W098	F. Sense organ diseases	87	0	0	0	0	19	0	0	5	24	0	0	0	0	0	0	0	0	62				
W099	1. Glaucoma	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
W100	2. Cataracts	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
W101	3. Vision disorders, age-related	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W102	4. Hearing loss, adult onset	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
W103	Other sense organ disorders	86	0	0	0	0	19	0	0	5	24	0	0	0	0	0	0	0	0	0				
W104	G. Cardiovascular diseases	1471345	4931	2813	24892	76440	244282	215491	199568	108843	877260	3843	1867	9281	28762	94936	107511	171786	176099	584085				
W105	1. Rheumatic heart disease	10926	38	0	70	52	963	1220	1040	644	4027	0	0	33	75	1038	1607	2262	1884	6900				
W106	2. Hypertensive heart disease	19581	0	0	109	516	2473	2174	2258	2149	9670	0	0	0	165	807	1465	2485	4969	9893				
W107	3. Ischaemic heart disease	488346	80	150	4330	20843	104297	93950	74564	26807	328920	432	801	881	4388	22963	38686	54042	42390	162426				
W108	4. Cerebrovascular disease	626356	483	413	4175	23012	38294	86907	87677	50800	358143	432	601	2585	12801	51222	48252	78085	79495	272413				
W109	5. Inflammatory heart diseases	44578	957	862	2758	4285	8539	6287	4331	1511	21429	1090	306	1085	1144	2628	2787	3468	2649	15349				
W110	Other cardiovascular diseases	280378	3373	1689	13459	25632	29716	24853	28688	24752	153272	2320	684	4797	10109	16078	16584	32723	43810	127106				

Code	Cause	Male											Total	Female											Total
		Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4		5-14	15-29	30-44	45-59	60-69	70-79	80+					
<b>H. Respiratory diseases</b>		195392	2344	1351	3862	5222	15260	29886	43899	26644	127198	2183	607	2228	3596	7945	11686	20933	19555	60394					
W111	1. Chronic obstructive pulmonary disease	48089	0	112	210	445	1622	6843	10483	36765	137198	0	75	216	76	557	1464	4178	4735	11322					
W112	2. Asthma	26978	742	690	1835	2891	7277	10433	18327	15465	15465	229	190	921	1392	1892	1912	2756	2231	11513					
W113	Other respiratory diseases	12927	2202	638	1816	2909	10866	19517	23686	13334	74968	1954	341	1092	2127	5506	6290	13659	12509	45558					
<b>I. Digestive diseases</b>		288160	2526	563	3054	21225	78024	47920	24868	99155	188095	1226	534	1671	5605	17217	16516	20664	16613	80065					
W115	1. Peptic ulcer disease	20789	80	38	74	1247	5088	3896	2938	1381	14741	0	37	37	153	855	1195	1797	1973	6047					
W116	2. Cirrhosis of the liver	133128	39	113	541	13507	53439	27724	7005	1314	104481	0	0	206	2798	9071	7678	6734	2158	28647					
W117	3. Appendicitis	669	38	0	70	26	148	70	41	17	410	0	0	0	23	83	31	43	32	257					
W119	Other digestive diseases	113576	2189	413	2369	6444	19349	16231	14084	7202	68462	1226	496	1392	2632	7197	7612	12110	12449	45114					
W120	Genitourinary diseases	87441	493	75	549	2407	9317	11608	13005	9309	46333	304	38	565	1072	4736	7416	12535	14553	41109					
W121	1. Nephritis and nephrosis	79073	493	75	549	2335	8575	10392	12853	8458	42859	355	38	426	890	4309	6834	11314	12689	37034					
W122	2. Benign prostatic hypertrophy	282	0	0	0	0	54	125	113	282	282	0	0	0	0	0	0	0	0	0					
W123	Other genitourinary system diseases	7276	0	0	0	152	742	693	886	728	3202	38	0	139	182	428	582	1221	1464	4074					
W124	K. Skin diseases	3566	38	0	107	234	418	454	340	222	1813	38	0	33	181	219	291	445	624	1753					
W125	L. Musculoskeletal diseases	31999	164	75	431	902	2303	2614	2626	776	9951	78	76	985	2203	5115	5692	5075	1923	21147					
W126	1. Rheumatoid arthritis	10012	0	0	0	45	478	842	933	248	2545	0	0	70	104	1130	2612	2682	868	7467					
W127	2. Osteoarthritis	195	0	0	0	0	13	16	18	11	57	0	0	0	0	65	20	16	37	138					
W128	3. Gout	220	0	0	0	45	55	34	54	13	200	0	0	0	0	0	9	5	7	20					
W129	4. Low back pain*	1156	0	0	0	71	113	179	175	139	675	0	0	0	0	71	146	132	132	481					
W130	Other musculoskeletal disorders	19516	164	75	431	742	1794	1543	1447	367	6675	78	76	916	2069	3848	2906	2240	879	13041					
W131	M. Congenital anomalies	82266	34041	2177	2370	1276	1294	663	433	151	43011	31478	1591	2439	988	1232	623	597	308	39255					
W132	1. Abdominal wall defect	442	123	0	0	0	0	0	0	0	123	319	0	0	0	0	0	0	0	319					
W133	2. Anencephaly	646	207	0	0	0	0	0	0	0	287	359	0	0	0	0	0	0	0	359					
W134	3. Anorectal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W135	4. Cleft lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W136	5. Cleft palate	80	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	80					
W137	6. Oesophageal atresia	281	123	0	0	0	0	0	0	0	123	158	0	0	0	0	0	0	0	158					
W138	7. Renal agenesis	1762	821	0	37	0	0	0	0	0	858	837	38	0	29	0	0	0	0	905					
W139	8. Down syndrome	909	164	0	33	0	83	10	0	0	291	234	0	217	49	119	0	0	0	618					
W140	9. Congenital heart anomalies	41646	16009	1200	1789	891	756	413	246	77	22183	14753	766	1654	517	785	366	410	212	19463					
W141	10. Spina bifida	363	77	0	0	0	0	0	0	0	77	159	76	0	52	0	0	0	0	286					
W142	Other congenital anomalies	36137	15637	976	1110	394	455	246	187	74	19069	14581	720	568	341	319	257	188	95	17068					
W143	Other congenital anomalies	126	0	0	33	0	48	18	6	1	106	6	0	0	0	0	0	5	15	20					
W144	1. Dental caries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W145	2. Periodontal disease	17	0	0	0	0	16	0	0	0	16	0	0	0	0	0	0	0	0	1					
W146	3. Ectodermism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W147	Other oral diseases	109	0	0	33	0	32	18	6	1	80	0	0	0	0	0	0	0	0	19					
<b>III. Injuries</b>		985537	15243	13830	190805	163699	212149	77658	35887	12779	721249	8121	6118	63827	51200	60659	32860	27404	14300	264289					
W148	A. Unintentional injuries	455464	13775	10913	102081	56156	74078	40971	25933	10766	334742	6974	4849	22960	15081	22605	16821	19549	11883	120722					
W149	1. Road traffic accidents	205204	2261	4875	76287	20745	25899	11616	5962	1656	157110	944	2191	15834	6467	9401	6526	5392	1340	48094					
W150	2. Poisonings	10441	0	113	1957	2765	1798	647	191	37	7507	0	37	831	883	651	272	201	59	2934					
W151	3. Falls	48998	1417	944	6174	5240	11077	7463	4012	1805	38130	417	149	1607	1578	1581	1593	2351	2611	11667					
W152	4. Fires	2046	924	798	842	1662	3355	1548	845	353	10327	263	695	980	1203	1381	628	637	326	6122					
W153	5. Drownings	56504	2946	2822	7637	4688	9912	5450	4002	1631	37489	1174	859	1641	2087	3346	2836	5080	2158	18956					
W154	6. Other unintentional injuries	116789	7128	1362	8994	13056	22337	6434	10971	5396	48478	4176	936	2097	2864	6234	4965	5895	5379	32610					
W155	B. Intentional injuries	530073	1468	2917	86724	107544	138071	36887	9104	1992	365606	1147	1269	40686	36119	38055	16039	7885	2417	143567					
W156	1. Self-inflicted injuries	530073	1468	2917	86724	107544	138071	36887	9104	1992	365606	1147	1269	40686	36119	38055	16039	7885	2417	143567					
W157	2. Violence	16997	1468	721	9555	1046	2251	615	134	26	9017	1147	579	2125	1191	1169	15469	7620	2353	70080					
W158	3. War	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
W159	Other intentional injuries	43	0	0	0	0	43	0	0	0	43	0	0	0	0	0	0	0	0	0					
W160	Other intentional injuries	43	0	0	0	0	43	0	0	0	43	0	0	0	0	0	0	0	0	0					



YLD(3,1) by age, sex and causes in Japan for the year 2000

Code	Cause	Total										Female									
		0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total		
W000	All Causes	7411837	149902	185928	714269	573047	820634	553001	370209	121042	3487133	133501	184809	823912	576797	819201	580785	488065	309834	3924884	
W001	I. Communicable, maternal, perinatal and nutritional conditions	327007	44851	7908	11384	13741	14658	10974	5029	1321	108516	44051	10431	88213	40576	23402	5659	4371	1628	218481	
W002	A. Infectious and parasitic diseases	123960	14148	2673	7356	8064	7046	4992	2870	930	53824	19077	3114	23038	14195	4927	3416	2879	1130	73336	
W003	1. Tuberculosis	612	207	17	1160	1016	3163	1920	1278	489	3103	202	245	1014	978	704	758	564	298	4278	
W004	2. STDs excluding HIV	18712	6	7	786	599	25	4	0	0	303	196	1	64	46	0	0	0	0	20489	
W005	a. Syphilis	4347	0	9	809	628	26	4	0	0	1473	0	0	1	2800	120	3	0	0	17305	
W006	b. Chlamydia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2874	
W007	c. Gonorrhoea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W008	d. Other STDs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W009	3. HIV/AIDS	1346	2	2	741	351	62	10	1	107	1178	2	3	107	45	10	1	0	0	167	
W010	4. Diarrhoeal diseases	28009	4809	1140	2913	2504	2156	842	391	107	13181	13215	1086	2789	2450	2176	917	527	229	14447	
W011	5. Childhood-cluster diseases	26472	13105	76	0	0	0	0	0	0	13152	58	0	0	0	0	0	0	0	13291	
W012	a. Pertussis	26414	13084	58	0	0	0	0	0	0	13152	58	0	0	0	0	0	0	0	13263	
W013	b. Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W014	c. Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W015	d. Measles	57	11	19	0	0	0	0	0	0	29	10	18	0	0	0	0	0	0	28	
W016	e. Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W017	6. Meningitis*	2827	578	85	78	151	168	102	34	6	1203	848	125	174	142	159	113	51	13	1624	
W018	7. Hepatitis B	2050	0	0	44	180	716	377	134	42	1495	0	0	10	52	0	295	152	44	554	
W019	Hepatitis C	5274	0	0	14	114	804	1455	659	129	3174	0	0	6	31	0	1072	833	219	2100	
W020	8. Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W021	9. Tropical-cluster diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W022	a. Trypanosomiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W023	b. Chagas disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W024	c. Schistosomiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W025	d. Leishmaniasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W026	e. Lymphatic filariasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W027	f. Onchocerciasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W028	10. Leprosy	11	0	0	1	3	0	0	0	5	0	0	0	1	4	0	0	0	0	6	
W029	11. Dengue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W030	12. Japanese encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W031	13. Trachoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W032	14. Intestinal nematode infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W033	a. Ascariasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W034	b. Trichuriasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W035	c. Hookworm disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W036	Other intestinal infections	21152	459	1318	777	1632	720	278	372	165	5772	530	1539	3782	6736	1738	295	433	327	15380	
W037	Other infectious diseases	23314	1157	4874	1139	1091	1636	806	380	107	14400	1100	4958	1127	1899	1955	866	499	217	11823	
W038	B. Respiratory infections	9363	240	767	560	593	1405	589	280	79	4513	223	943	479	530	1522	629	364	158	4650	
W039	1. Lower respiratory infections	4425	45	205	580	498	430	217	101	28	2104	42	196	648	569	434	236	136	59	2321	
W040	2. Upper respiratory infections	9526	872	4001	0	0	0	0	0	0	4873	834	3819	0	0	0	0	0	0	4653	
W041	3. Otitis media	51024	0	0	0	0	0	0	0	0	0	0	0	31455	19568	0	0	0	0	51024	
W042	C. Maternal conditions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W043	1. Maternal haemorrhage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W044	2. Maternal sepsis	12670	0	0	0	0	0	0	0	0	0	0	0	9092	3518	0	0	0	0	12670	
W045	3. Hypertensive disorders*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W046	4. Obstructed labour	705	0	0	0	0	0	0	0	0	0	0	0	417	288	0	0	0	0	705	
W047	5. Abortion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W048	Other maternal conditions	37709	0	0	0	0	0	0	0	0	0	0	0	21947	15762	0	0	0	0	37709	
W049	D. Perinatal conditions*	38676	19739	0	0	0	0	0	0	0	19739	18937	0	0	0	0	0	0	0	18937	
W050	1. Low birth weight	17161	8733	0	0	0	0	0	0	0	8733	8428	0	0	0	0	0	0	0	8428	
W051	2. Birth asphyxia and birth trauma	18112	8256	0	0	0	0	0	0	0	8256	7856	0	0	0	0	0	0	0	7856	
W052	Other perinatal conditions	5404	2750	0	0	0	0	0	0	0	2750	2654	0	0	0	0	0	0	0	2654	

Code	Cause	Male										Female									
		Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	
W053	E. Nutritional deficiencies	6032	5083	260	2099	3866	5176	4216	1779	284	2363	4536	2359	3192	5654	16518	1577	1252	201	64369	
W054	1. Protein-energy malnutrition	5508	2817	0	0	0	0	0	0	0	2817	2691	0	0	0	0	0	0	0	2091	
W055	2. Iodine deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W056	3. Vitamin A deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W057	4. Iron-deficiency anaemia	81731	2251	203	2065	3935	5131	4200	1769	281	20635	2228	2344	31576	5446	16432	1556	1237	272	61096	
W058	Other nutritional disorders	793	14	57	33	31	45	16	10	4	211	17	15	214	205	96	21	15	9	583	
W059	II. Noncommunicable diseases	676603	92934	141085	614380	511404	768419	529881	359932	117825	3134661	86230	149285	686066	508815	772369	563216	474931	302807	3543742	
W060	A. Malignant neoplasms	240400	126	187	1336	3469	31148	35434	24511	9259	105490	72	170	5042	26851	59632	24499	17256	10015	143550	
W061	1. Mouth and oropharynx cancers	3842	0	7	76	129	1012	855	456	163	2698	0	0	110	139	273	226	209	87	1144	
W062	2. Oesophagus cancer	2775	0	1	28	825	872	527	171	2425	0	0	0	0	11	75	95	82	350	6728	
W063	3. Stomach cancer	18023	0	0	55	343	3082	3525	2936	1345	11205	0	0	74	649	1868	1366	1381	1351	30634	
W064	4. Colon and rectum cancers	68594	4	258	1548	14471	12599	6681	2109	37670	0	0	0	459	2386	11955	7827	5890	3286	6728	
W065	5. Liver cancer	5636	5	4	30	88	1153	1630	957	267	4124	3	1	17	34	227	477	504	239	1502	
W066	6. Pancreas cancer	4167	0	1	2	62	677	749	678	308	2477	0	1	14	62	324	395	469	425	1690	
W067	7. Trachea, bronchus, lung cancers	13169	0	0	17	208	1853	2875	3125	1366	9544	0	1	9	174	799	847	926	869	3623	
W068	8. Melanoma and other skin cancers	789	0	0	26	43	81	111	81	385	0	0	2	37	60	128	53	52	72	404	
W069	9. Breast cancer	32284	0	0	0	0	0	0	0	0	0	0	0	0	458	10023	16062	3494	1739	509	
W070	10. Cervix uteri cancer	7610	0	0	0	0	0	0	0	0	0	0	0	698	2874	2975	675	279	110	32284	
W071	11. Corpus uteri cancer	34006	0	0	0	0	0	0	0	0	0	0	4	1199	6596	18579	5176	1977	485	34006	
W072	12. Ovary cancer	6901	0	0	0	0	0	0	0	0	0	0	47	701	1843	3207	658	295	150	6901	
W073	13. Prostate cancer	13632	0	5	7	90	1972	5933	4238	1397	13632	0	0	0	0	0	0	0	0	0	
W074	14. Bladder cancer	8910	0	0	169	219	2274	2027	1597	690	6906	0	0	34	84	467	438	505	476	2004	
W075	15. Lymphomas, multiple myeloma	5815	2	12	104	331	920	942	767	300	3179	3	6	80	175	625	617	597	343	2436	
W076	16. Leukaemia	3579	49	83	220	245	596	518	313	120	2143	33	61	143	179	353	292	242	132	1436	
W077	Other malignant neoplasms	19598	65	75	341	357	2122	2099	2244	990	9003	33	48	1013	1659	2294	2144	2122	1283	10595	
W078	B. Other neoplasms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W079	C. Diabetes mellitus	219518	77	547	5499	28634	50626	17934	6432	1425	11534	31	139	3045	20000	46794	23688	10904	3384	107984	
W080	D. Endocrine disorders	123115	7678	4749	6545	7264	8686	6118	3629	44790	7322	11944	11944	11944	11944	7736	5612	3403	7925	3403	
W081	E. Neuropsychiatric conditions	2878395	14760	88190	467233	267695	189276	108210	101660	50000	1339010	14479	91087	543872	247464	197056	133953	173169	17289	459289	
W082	1. Unipolar depressive disorders	141213	0	28873	92306	91573	70887	17391	3988	789	309508	0	26535	126369	130630	103979	37342	7823	2827	158299	
W083	2. Bipolar disorder	197974	0	0	88759	7769	0	0	0	0	95527	0	3818	85761	11863	573	194	0	0	101447	
W084	3. Schizophrenia	183093	0	34667	58194	4738	182	0	0	33	98713	0	14814	59777	7638	1680	289	128	53	84380	
W085	4. Epilepsy	37916	973	3632	7147	3805	2437	1076	517	127	19514	941	3388	6386	3226	2316	1769	704	273	16402	
W086	5. Alcohol use disorders	392433	0	1531	10532	106264	55197	6288	2988	695	282345	0	1191	67066	29904	11320	577	26	3	110088	
W087	6. Alzheimer and other dementias*	604681	2638	1299	2395	1602	11889	55026	79263	46946	200156	2467	1138	2380	1800	14998	71718	148686	164637	404695	
W088	7. Parkinson disease	74211	0	0	0	1050	11327	15580	9646	1795	39327	0	0	0	0	8366	13453	9490	3575	34685	
W089	8. Multiple sclerosis	21832	0	730	4877	3202	874	0	0	9683	0	731	6237	4290	891	0	0	0	12149	0	
W090	9. Drug use disorders	2372	0	11	1152	439	20	1	0	1623	0	4	502	195	46	3	0	0	0	749	
W091	10. Post-traumatic stress disorder	66397	0	372	8407	5537	3752	115	77	16	18275	0	397	21692	13415	11920	275	361	72	48122	
W092	11. Obsessive-compulsive disorder	51000	0	106	11182	7284	1791	296	74	8	20822	0	266	18780	8087	2932	113	0	0	30178	
W093	12. Panic disorder	104870	0	1319	30942	425	2153	249	154	17	35160	0	1051	62967	643	4702	567	409	71	69170	
W094	13. Insomnia (primary)	108643	0	520	12755	12514	12719	6388	2461	370	47717	0	469	13727	15643	16990	9092	4687	629	60266	
W095	14. Migraine	124595	627	824	23622	46	32	9	3	0	32663	2279	31341	54762	3610	29	0	2	0	92032	
W096	15. Mental retardation, lead-caused	7505	3841	0	0	0	0	0	0	0	3841	3665	0	0	0	0	0	0	0	3665	
W097	Other neuropsychiatric disorders	151400	6684	7526	20903	19648	14816	4163	2498	904	77143	5127	5957	18157	17440	16624	5051	3752	2149	7457	
W098	F. Sense organ diseases	641469	0	5	186	14224	80918	91172	65651	7547	266603	7	42	754	42338	118921	122644	14144	15816	374666	
W099	1. Glaucoma	10264	0	0	10	152	1171	1677	805	186	4001	0	5	47	362	1816	2084	1447	501	6283	
W100	2. Cataracts	10202	0	0	20	290	1611	1361	709	161	4151	0	5	59	390	1943	1957	1281	417	6051	
W101	3. Vision disorders, age-related	101458	0	5	168	2292	13624	14787	8443	2103	41412	7	31	309	3435	19164	17968	13424	5709	60447	
W102	4. Hearing loss, adult onset	519545	0	0	0	11490	71612	73347	56694	5098	217240	0	0	0	0	9598	100634	57992	9190	302305	
W103	Other sense organ disorders	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W104	G. Cardiovascular diseases	716996	307	1039	10947	47577	144316	117208	74993	25942	421319	189	844	8148	28408	71119	69632	66406	44630	289377	
W105	1. Rheumatic heart disease	3614	0	2	58	31	468	544	116	50	1272	1	3	32	38	753	964	222	309	2342	
W106	2. Hypertensive heart disease	6961	0	0	12	34	154	202	411	1505	2317	0	0	0	10	40	120	427	4046	4644	
W107	3. Ischaemic heart disease	73105	0	472	2954	4998	17684	10796	4876	1191	42971	0	571	3940	7478	3757	4696	427	4046	30134	
W108	4. Cerebrovascular disease	541429	0	0	0	23768	117172	98487	62474	16668	324475	0	1	3	16511	57390	57865	28988	216653	56485	
W109	5. Inflammatory heart diseases	13748	91	205	1631	2052	2084	2016	995	306	9381	47	79	606	621	680	906	823	605	4367	
W110	Other cardiovascular diseases	71839	215	350	6288	10694	6652	5162	6118	5421	40902	142	187	3568	7471	4778	2474	4853	7463	30936	

Code	Cause	Total										Female									
		0-4	5-14	15-23	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total		
<b>H. Respiratory diseases</b>		47171	79284	92324	55149	52536	40291	20470	7935	30293	16074	33865	69844	44439	33145	19397	16785	8574	23944		
W111	1. Chronic obstructive pulmonary disease	0	1495	11256	28165	20366	28226	10245	4176	98329	0	0	7291	26431	9638	4080	6972	3451	57160		
W112	2. Asthma	16127	29270	63243	16636	9789	1699	480	110	131332	13821	38286	47139	9881	8932	5017	2044	567	125657		
W114	Other respiratory diseases	13838	2876	4795	10348	22402	15976	9746	3650	72632	2263	1580	6515	8127	14608	10099	7069	4555	56005		
W115	I. Digestive diseases	33862	5692	19279	25142	67211	26289	14313	5999	164837	3865	1753	19578	19546	54620	30715	22372	12076	166925		
W116	1. Peptic ulcer disease	8441	12	37	1263	1213	2263	133	39	5429	9	42	688	925	659	288	158	63	3012		
W117	2. Cirrhosis of the liver	32585	0	2	477	6181	11461	3488	1019	22946	14	30	194	1634	2871	2238	1691	667	9638		
W118	3. Appendicitis	3096	0	248	647	556	217	70	32	1780	0	195	452	397	167	57	33	14	1316		
W119	Other digestive diseases	28741	5650	1554	16892	17191	33270	22265	13128	4733	134682	3842	1488	16045	16391	51022	28151	20990	12132		
W120	J. Genitourinary diseases	86426	250	146	1734	26462	17447	8353	2596	58419	328	360	3011	2784	8634	6953	4915	2811	30006		
W121	1. Nephritis and nephrosis	4378	18	47	775	596	363	479	226	46	2549	110	216	267	176	298	430	258	76		
W122	2. Benign prostatic hypertrophy	40755	0	0	0	0	21048	12394	5738	1574	40755	0	0	0	0	0	0	0	0		
W123	Other genitourinary system diseases	43933	232	89	746	1138	5051	4574	2389	896	15116	217	144	2744	2618	8537	4659	2735	28177		
W124	K. Skin diseases	8994	0	89	102	723	1593	718	790	693	4618	39	0	120	676	933	803	1103	4376		
W125	L. Musculoskeletal diseases	68282	497	1920	12614	52603	94347	58654	33959	5787	262343	245	3194	20717	57408	138670	104845	77405	24354		
W126	1. Rheumatoid arthritis	110077	55	401	2719	7040	13004	5522	2100	456	37297	61	1170	7612	15170	33857	13659	15317	78983		
W127	2. Osteoarthritis	437175	0	14	3262	22275	59124	45044	29537	3680	162935	0	0	709	645	2062	1505	926	271		
W128	3. Gout	32758	381	1276	3399	5528	4921	1543	616	129	17793	168	1592	2379	3893	4431	1553	724	226		
W129	Other musculoskeletal disorders	72974	20	229	1636	1982	4410	2800	2275	1207	14580	17	432	8331	10361	16602	8718	7338	58414		
W130	M. Congenital anomalies	85768	43616	0	0	0	0	0	0	0	43616	42152	0	0	0	0	0	0	42152		
W131	1. Abdominal wall defect	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
W132	2. Anencephaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
W133	3. Atrocecal atresia	5	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3		
W134	4. Cleft lip	902	444	0	0	0	0	0	0	0	444	459	0	0	0	0	0	0	459		
W135	5. Cleft palate	1041	508	0	0	0	0	0	0	0	508	533	0	0	0	0	0	0	533		
W136	6. Oesophageal atresia	5	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2		
W137	7. Renal agenesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
W138	8. Down syndrome	21852	11747	0	0	0	0	0	0	11747	10104	0	0	0	0	0	0	0	10104		
W139	9. Congenital heart anomalies	56467	28384	0	0	0	0	0	0	28384	28083	0	0	0	0	0	0	0	28083		
W140	10. Spina bifida	5495	2528	0	0	0	0	0	0	2528	2968	0	0	0	0	0	0	0	2968		
W141	Other Congenital anomalies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
W142	N. Oral conditions	112411	1596	8718	9233	7028	14490	10196	2171	349	53781	1518	8314	8630	6907	15608	12151	4356	947		
W143	1. Dental caries	58577	1567	8718	9233	7028	14490	10196	2171	349	53781	1518	8314	8630	6907	15608	12151	4356	947		
W144	2. Periodontal disease	4726	0	0	655	1336	239	90	42	11	2372	1485	8302	8168	3675	2507	1441	627	29791		
W145	3. Edentulism	47357	0	0	0	1980	10475	7774	1043	38	21310	0	0	0	1979	11505	9483	2812	26046		
W146	Other oral diseases	750	29	0	50	47	134	30	18	6	313	33	12	35	167	63	47	27	437		
<b>III. Injuries</b>		406327	12116	30035	88495	48501	37357	13107	6248	1896	243756	8831	25183	49693	29406	11710	8803	5406	162571		
W149	A. Unintentional injuries	360206	12041	28673	82905	41195	32878	12027	5806	1808	217035	8802	19718	46103	24941	20146	10414	7951	5089		
W150	1. Road traffic accidents	59484	733	2547	20772	7418	5414	1213	555	87	39739	679	1726	8798	3155	3370	1143	713	142		
W151	2. Poisonings	3834	110	146	592	453	315	128	28	6	1778	105	146	693	542	324	189	41	2056		
W152	3. Falls	103797	4249	7328	26659	11270	9687	4616	3141	1147	67508	3655	4203	10901	4398	3748	3641	4821	39289		
W153	4. Fires	6138	583	1036	801	1462	125	101	19	4725	221	352	420	217	46	52	84	20	1413		
W154	5. Drownings	1032	56	29	251	101	96	39	20	0	593	74	25	104	49	86	62	36	0		
W155	6. Other unintentional injuries	183941	6264	18039	33926	21154	15892	5907	1961	549	109691	4258	13176	25093	16862	12571	5228	2256	986		
W156	B. Intentional injuries	46121	75	7362	5889	7306	4479	1079	442	88	26721	28	5475	3683	4465	1296	852	317	19400		
W157	1. Self-inflicted injuries	33703	0	6600	1956	5085	3806	982	397	72	18908	0	5171	2458	3736	3040	1265	823	303		
W158	2. Violence	10368	75	762	3893	2214	671	88	46	16	7764	28	304	1225	729	243	31	29	14		
W159	3. War	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
W160	Other intentional injuries	50	0	0	41	7	1	0	0	0	49	0	0	0	1	0	0	0	1		

Code	Cause	Male												Female											
		Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+						
W000	All Causes	13482531	256000	219719	983023	948419	1859750	1457131	1095159	441574	728075	223422	205723	938571	776630	1331033	1024590	1068805	713982						
W001	I. Communicable, maternal, perinatal and nutritional conditions	833864	79949	10685	17320	27612	64102	68138	81510	60750	410068	72956	12666	52761	48943	42512	35111	54177	63670						
W002	A. Infectious and parasitic diseases	287160	23748	3001	10317	15540	32879	25270	19872	7478	138906	23362	3720	26297	16563	14401	17178	17523	9209						
W003	1. Tuberculosis	40281	7	73	1227	2906	8075	6115	7280	3052	28735	46	42	1150	1029	1361	2566	3502	1850						
W004	2. STDs excluding HIV	24075	213	17	1629	1237	81	44	0	1	3272	202	245	16955	3928	211	84	84	80						
W005	a. Syphilis	738	207	6	54	29	36	0	0	1	392	196	1	64	48	31	0	0	6						
W006	b. Chlamydia	18712	6	7	766	659	25	4	0	1407	5	220	14140	2800	120	20	0	0	17305						
W007	c. Gonorrhoea	4347	0	9	609	626	26	4	0	1473	0	0	0	1751	1080	16	3	0	2874						
W008	d. Other STDs	278	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W009	3. HIV/AIDS	2273	2	2	877	723	395	69	11	2080	2	3	107	45	24	12	0	0	74						
W010	4. Diarrhoeal diseases	35452	4881	1328	3198	2622	2739	1856	1026	534	17995	4781	1161	2966	2502	2428	1304	1335	981						
W011	5. Childhood-cluster diseases	27315	13261	114	37	22	67	8	22	3	13533	13408	113	107	78	16	20	33	6						
W012	a. Pertussis	26455	13195	68	0	0	0	0	0	0	13189	13205	58	0	0	0	0	0	13702						
W013	b. Polymyositis	130	0	0	0	0	0	0	0	3	57	0	0	0	0	0	0	0	0						
W014	c. Diphtheria	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0						
W015	d. Measles	665	126	96	37	22	0	0	0	0	241	203	55	107	55	0	0	0	0						
W016	e. Tetanus	61	0	0	0	13	8	18	0	0	38	0	0	0	0	0	0	0	0						
W017	6. Meningitis*	6185	941	123	152	297	736	530	268	66	3114	1204	163	355	291	393	361	288	108						
W018	7. Hepatitis B	18299	206	75	527	2250	692	2059	690	197	12195	80	38	146	643	2317	1631	825	224						
W019	Hepatitis C	34073	0	0	117	1237	6846	7920	3480	633	20343	0	0	39	326	2084	5546	4545	1191						
W020	8. Malaria	10	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0						
W021	9. Tropical-cluster diseases	34	0	0	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0						
W022	a. Trypanosomiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W023	b. Chagas disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W024	c. Schistosomiasis	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W025	d. Leishmaniasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W026	e. Lymphatic filariasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W027	f. Chococerciasis	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W028	10. Leprosy	0	0	0	0	1	3	0	0	0	5	0	0	1	1	4	0	0	12						
W029	11. Dengue	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W030	12. Japanese encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W031	13. Trachoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W032	14. Intestinal nematode infections	24	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	3						
W033	a. Ascariasis	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W034	b. Trichuriasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W035	c. Hookworm disease	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W036	Other intestinal infections	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0						
W037	Other infectious diseases	79119	4138	2969	2552	4134	7544	6949	7091	2936	37413	3641	1955	5471	7610	5532	5641	6895	4762						
W038	B. Respiratory infections	329576	6039	6549	3751	7312	23393	37010	58922	52306	195221	5446	6475	3219	4812	10857	15911	34692	52934						
W039	1. Lower respiratory infections	312955	4682	2688	3137	6593	22674	36535	58561	52106	186546	4180	2384	2464	4109	10272	15528	34241	52540						
W040	2. Upper respiratory infections	7716	468	200	613	728	719	475	401	190	3683	431	272	765	676	571	382	347	387						
W041	3. Otitis media	9595	972	4001	0	0	0	0	0	9	4882	834	3819	0	26	14	0	14	6						
W042	C. Maternal conditions	53428	0	0	0	0	0	0	0	0	0	0	0	32179	21202	44	0	0	3						
W043	1. Maternal haemorrhage	724	0	0	0	0	0	0	0	0	0	0	0	203	521	0	0	0	0						
W044	2. Maternal sepsis	12610	0	0	0	0	0	0	0	0	0	0	0	9092	3510	0	0	0	0						
W045	3. Hypertensive disorders*	250	0	0	0	0	0	0	0	0	0	0	0	106	143	0	0	0	0						
W046	4. Obstructed labour	705	0	0	0	0	0	0	0	0	0	0	0	417	288	0	0	0	0						
W047	5. Abortion	148	0	0	0	0	0	0	0	0	0	0	0	66	81	0	0	0	0						
W048	Other maternal conditions	30892	0	0	0	0	0	0	0	0	0	0	0	22284	16651	44	0	0	3						
W049	D. Perinatal conditions*	84203	44920	75	0	0	0	0	0	0	44995	38133	75	0	0	0	0	0	0						
W050	1. Low birth weight	20156	10413	0	0	0	0	0	0	0	10413	0	0	0	0	0	0	0	0						
W051	2. Birth asphyxia and birth trauma	41320	22317	38	0	0	0	0	0	22354	18966	0	0	0	0	0	0	0	0						
W052	Other perinatal conditions	22727	12190	37	0	0	0	0	0	12228	10425	0	0	0	0	0	0	0	0						
W053	E. Nutritional deficiencies	99497	5442	260	3252	4761	7830	5858	2676	967	30845	5015	2396	32065	6366	17210	2023	2052	1524						
W054	1. Protein-energy malnutrition	13961	2935	0	354	674	2109	1263	687	415	8432	2769	0	203	381	488	281	483	624						
W055	2. Iodine deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W056	3. Vitamin A deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
W057	4. Iron-deficiency anaemia	83627	2251	203	2865	3951	5307	4389	1807	471	21314	2228	2391	31611	5679	16542	1648	1476							
W058	Other nutritional disorders	2209	56	57	33	126	414	231	102	80	1089	17	15	252	306	179	85	84	152						
W059	II. Noncommunicable diseases	1158603	146891	19169	686403	708065	1546142	1288229	972375	368749	5685703	132415	167746	732499	647001	1264437	949409	916421	630606						
W060	A. Malignant neoplasms	239939	3162	6078	23980	74703	416714	458271	323846	91195	1396599	2268	4389	24556	111820	337424	234630	198567	89205						
W061	1. Mouth and oropharynx cancers	47049	0	83	596	2830	14291	10761	5495	1257	35513	0	0	462	1459	3462	2717	2363	1284						
W062	2. Oesophagus cancer	84570	0	0	35	1514	28118	27177	14315	2736	73885	0	0	68	396	3415	3209	2249	1349						

Code	Cause	Total	Male										Female										Total
			0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+				
W063	3. Stomach cancer	374233	0	0	1782	13159	75950	80760	57509	17450	246610	0	0	2081	14888	42118	30262	27837	15437	80+	132623		
W064	4. Colon and rectum cancers	326435	4	77	1808	10046	63673	62214	38280	11562	197453	0	0	1665	9153	45553	37175	31685	15443	80+	140972		
W065	5. Liver cancer	261816	236	192	6689	62944	79650	38362	30362	6322	184763	157	1	490	1467	10721	24449	23020	6757	80+	67063		
W066	6. Pancreas cancer	135033	0	1	135	3709	27483	26673	17688	4512	80200	38	1	146	1887	14320	16241	16176	6630	80+	57702		
W067	7. Trachea, bronchus, lung cancers	356383	0	75	608	10833	66133	82593	76906	21391	269539	38	1	307	6338	27730	26430	25350	12100	80+	98294		
W068	8. Melanoma and other skin cancers	80162	0	0	392	784	1008	1214	733	337	4458	0	2	244	517	1215	559	558	479	80+	3554		
W069	9. Breast cancer	147600	0	0	0	0	173	134	106	64	477	0	0	1422	31534	76634	23959	10313	2722	80+	146593		
W070	10. Cervix uteri cancer	35595	0	0	0	0	0	0	0	0	0	0	0	1418	10191	14842	4987	3106	1071	80+	35595		
W071	11. Corpus uteri cancer	57688	0	0	0	0	0	0	0	0	0	0	0	1276	8762	28338	10787	5994	2168	80+	57688		
W072	12. Ovary cancer	48866	0	0	0	0	0	0	0	0	0	0	163	2025	7726	24070	8951	5154	1597	80+	48866		
W073	13. Prostate cancer	46955	0	5	7	208	4893	15280	17265	8377	46055	0	0	0	0	0	0	0	0	0	80+	46955	
W074	14. Bladder cancer	32234	0	0	236	625	5633	6757	7150	3071	23672	0	0	68	229	1548	1872	2629	2218	0	80+	32234	
W075	15. Lymphomas, multiple myeloma	92924	122	549	2733	4993	15882	14655	11066	3193	53402	79	200	1769	3422	9754	9907	9386	3870	38991	80+	92924	
W076	16. Leukemia	79777	1280	2393	6553	7975	12689	9332	5569	1379	47351	1030	1304	4774	4833	6688	5950	4358	1472	34236	80+	79777	
W077	Other malignant neoplasms	255599	1520	2703	7755	10738	37765	41704	30940	9756	142781	954	2713	5921	8918	24706	27215	27963	14409	112818	80+	255599	
W078	B. Other neoplasms	63893	1140	1163	2797	4078	8347	8713	7100	2846	36184	693	1477	2295	2533	6255	4569	6019	3869	27710	80+	63893	
W079	C. Diabetes mellitus	293306	77	657	6519	33118	66459	33366	16169	4432	160897	70	139	3522	21337	52424	30482	20278	9156	137408	80+	293306	
W080	D. Endocrine disorders	189331	3834	587	8348	10310	13291	10469	7649	3473	69071	9358	4167	13876	14408	30583	11400	10048	7018	100859	80+	189331	
W081	E. Neuropsychiatric conditions	296528	18449	91077	476076	274930	201505	118214	110135	54386	1344771	17381	92489	548905	252113	204278	146653	181791	180148	1623757	80+	296528	
W082	1. Unipolar depressive disorders	745225	0	2873	92306	91677	71124	17455	4035	809	303681	0	26535	125008	139656	104119	37446	8021	2858	438144	80+	745225	
W083	2. Bipolar disorder	189125	0	0	69759	7769	19	10	0	4	98560	0	3916	65781	11180	573	214	0	0	101555	80+	189125	
W084	3. Schizophrenia	183559	0	34067	55385	5127	2284	242	94	41	102220	0	14855	58810	7813	1986	532	242	93	65339	80+	183559	
W085	4. Epilepsy	48244	1286	4231	9253	3546	1380	696	176	23845	1058	3616	8893	4426	2986	1411	803	347	23399	80+	48244		
W086	5. Alcohol use disorders	398535	0	1331	10563	109395	57868	9399	3271	728	287525	0	1191	67166	16885	16077	73391	148117	167890	413481	80+	398535	
W087	6. Alzheimer and other dementias*	620780	2751	1449	2532	1792	13149	56896	81123	47607	207299	2467	1139	2516	1685	16077	73391	148117	167890	413481	80+	620780	
W088	7. Parkinson disease	86713	0	38	37	1228	11923	16888	12507	3000	45820	0	0	33	104	8643	14629	12475	5209	41093	80+	86713	
W089	8. Multiple sclerosis	22507	0	730	4910	3280	961	38	14	0	9933	38	731	6237	4384	1026	102	50	5	12573	80+	22507	
W090	9. Drug use disorders	3910	0	11	1700	1000	155	1	0	2866	0	4	675	298	64	3	0	0	0	1044	80+	3910	
W091	10. Post-traumatic stress disorder	66397	0	372	8407	5537	3752	115	77	16	2866	0	397	21682	13415	11920	275	361	72	48122	80+	66397	
W092	11. Obsessive-compulsive disorder	51000	0	186	11182	7284	1791	298	74	8	20822	0	266	18780	8987	2932	113	0	0	30178	80+	51000	
W093	12. Panic disorder	104870	0	1319	30842	425	2163	249	154	17	35160	0	1051	62267	643	4702	567	409	71	60178	80+	104870	
W094	13. Insomnia (primary)	108643	0	520	12765	12514	12719	6386	2451	370	47717	0	459	13727	15643	16690	9092	4687	629	60926	80+	108643	
W095	14. Migraine	124595	627	8324	23522	46	32	9	3	32563	2279	31341	54762	3610	29	8	2	0	0	92032	80+	124595	
W096	15. Mental retardation, lead-caused	7815	3882	0	0	0	0	0	0	5	3981	3703	0	37	52	0	17	11	4	3824	80+	7815	
W097	Other neuropsychiatric disorders	197610	9802	9627	25843	22399	20396	8917	5855	1603	164294	7836	7082	20232	19704	20756	8224	6508	2882	95316	80+	197610	
W098	F. Sense organ diseases	641556	0	5	188	14224	88037	91172	69851	7553	268828	7	42	754	42364	119938	122644	74155	15825	374728	80+	641556	
W099	1. Glaucoma	10265	0	0	10	152	1171	1677	805	186	4001	0	5	47	382	1816	2084	1447	502	6264	80+	10265	
W100	2. Cataracts	10202	0	0	20	290	1611	1361	709	161	4151	0	0	4821	390	1943	1957	1281	417	6051	80+	10202	
W101	3. Vision disorders, age-related	10458	0	5	156	2322	13624	14797	8443	2103	41142	7	31	309	3435	19164	17958	13424	60047	9790	80+	10458	
W102	4. Hearing loss, adult onset	519545	0	0	0	11490	71612	73347	55694	5098	217240	0	339	38152	95988	106534	57992	5190	302305	80+	519545		
W103	Other sense organ disorders	86	0	0	0	0	0	0	0	5	24	0	0	0	0	16	0	11	8	61	80+	86	
W104	G. Cardiovascular diseases	2180241	5237	3843	35839	124017	388498	332039	274562	133884	1288579	4032	2708	17430	57170	166055	177143	238194	220729	883462	80+	2180241	
W105	1. Rheumatic heart disease	14540	39	2	128	83	1431	1764	1159	694	15298	1	3	65	113	1791	2591	2485	1984	9242	80+	14540	
W106	2. Hypertensive heart disease	26522	0	0	112	550	2628	2376	2659	3653	11998	0	0	0	175	846	1585	2912	9017	14535	80+	26522	
W107	3. Ischaemic heart disease	562451	89	622	7284	25941	121891	104748	79240	29699	368991	432	802	2508	29412	108612	106117	132291	109183	46798	80+	562451	
W108	4. Cerebrovascular disease	1167904	483	413	4180	94781	215467	185395	150552	67549	678816	1337	386	1671	17805	3703	4282	3254	3254	19716	80+	1167904	
W109	5. Inflammatory heart diseases	583226	1048	766	4389	6337	10623	8303	5327	1817	38610	2462	871	8385	17500	20856	19059	31282	37377	28129	80+	583226	
W110	Other cardiovascular diseases	352217	3588	2039	19747	36326	36368	30115	35816	19174	194174	18257	40473	63172	48036	41091	41091	41091	41091	41091	80+	352217	
W111	Other obstructive pulmonary disease	743309	21949	30654	83155	60371	67816	69297	64279	33579	435491	0	75	7506	26509	10193	5564	11050	6186	69083	80+	743309	
W112	1. Chronic obstructive pulmonary disease	204177	0	1608	11466	28610	21189	29468	27094	14659	135094	0	75	7506	26509	10193	5564	11050	6186	69083	80+	204177	
W113	2. Asthma	289958	16668	29871	65078	18504	12360	4426	3754	1937	152797	14050	36477	48059	11273	10763	6930	4800	2789	137171	80+	289958	
W114	Other respiratory diseases	249165	5080	3575	6611	13258	33268	35393	33431	16994	147600	4207	1921	7607	10254	20114	18769	21528	17145	101564	80+	249165	
W115	Digestive diseases	599022																					

Code	Cause	Male										Female										Total
		Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+	Total	0-4	5-14	15-29	30-44	45-59	60-69	70-79	80+			
W130	Other musculoskeletal disorders	92480	185	2177	2068	2724	6114	4343	3722	1574	21035	95	508	9246	12453	20450	11624	9575	7497	71455		
W131	M. Congenital anomalies	168034	71658	2177	2970	1276	1294	669	433	151	86227	73629	1591	2439	983	1232	623	597	308	81407		
W132	1. Abdominal wall defect	442	123	0	0	0	0	0	0	0	0	319	0	0	0	0	0	0	0	319		
W133	2. Anorectal atresia	646	287	0	0	0	0	0	0	0	287	359	0	0	0	0	0	0	0	359		
W134	3. Anorectal atresia	5	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3		
W135	4. Cleft lip	902	444	0	0	0	0	0	0	0	444	459	0	0	0	0	0	0	0	459		
W136	5. Cleft palate	1121	508	0	0	0	0	0	0	0	508	613	0	0	0	0	0	0	0	613		
W137	6. Oesophageal atresia	206	125	0	0	0	0	0	0	0	125	160	0	0	0	0	0	0	0	160		
W138	7. Renal agenesis	1762	821	0	37	0	0	0	0	0	821	857	0	0	0	0	0	0	0	857		
W139	8. Down syndrome	22760	11912	0	33	0	0	83	10	0	12038	10339	30	0	0	0	0	0	0	10339		
W140	9. Congenital heart anomalies	98113	45194	1200	1789	891	756	413	246	77	50667	42036	756	1654	517	785	366	410	212	47546		
W141	10. Spina bifida	3859	2695	0	0	0	0	0	0	0	2695	3125	76	0	0	0	0	0	0	3125		
W142	Other Congenital anomalies	35137	15637	976	1110	394	465	246	187	74	19069	14581	720	568	341	319	257	188	95	17068		
W143	N. Oral conditions	112337	1596	8718	9267	7028	14538	10214	2177	350	53887	1518	8314	8830	6907	15608	12151	4361	962	59650		
W144	1. Dental caries	59577	1567	8718	8529	3666	3643	2302	1068	294	29785	1485	8302	8168	3507	3675	2507	1441	627	29791		
W145	2. Periodontal disease	4743	0	0	655	1336	255	90	42	11	2388	0	0	627	1307	241	89	56	26	2385		
W146	3. Edentulism	47357	0	0	0	1980	10475	7774	1043	38	21310	0	0	0	1979	11595	8463	2812	269	26048		
W147	Other oral diseases	859	29	0	83	47	166	48	24	8	403	0	0	0	0	0	0	0	0	456		
W148	Ill. Injuries	1891605	27169	48865	279300	212201	249500	99764	41334	14675	95004	17051	31311	113319	80606	94069	44570	36207	19706	426860		
W149	A. Unintentional injuries	816571	25816	39586	184686	37351	100956	52998	31789	12595	551777	15376	24567	68970	48023	42750	27235	27500	16972	263893		
W150	1. Road traffic accidents	263669	2394	7422	97058	36763	31312	12731	6517	1652	189549	1623	3917	24632	9621	12771	7688	6105	1482	67819		
W151	2. Poisonings	14275	110	259	2548	3217	2113	775	219	43	9285	105	184	1524	1425	975	460	241	76	4890		
W152	3. Falls	156785	5666	8272	32233	16510	20774	12079	7153	2952	105639	3983	4442	12488	5974	5329	5234	7172	6535	51156		
W153	4. Fires	22567	1552	1380	1848	2463	4818	1673	946	373	15652	484	1038	1401	1419	1437	680	721	354	7534		
W154	5. Drownings	57616	2102	2652	8088	4789	9110	5489	4022	1631	30682	1249	874	1745	2137	3433	2899	5036	2160	19553		
W155	6. Other unintentional injuries	300730	13391	19401	42811	34210	38829	20251	12932	5944	187669	8433	14112	27180	16446	16895	10293	8235	3655	112860		
W156	B. Intentional injuries	549536	1543	10279	94614	114849	142550	37766	9545	2080	413227	1175	6744	44349	40584	47339	17335	8708	2734	162967		
W157	1. Self-inflicted injuries	26465	1543	1484	5848	4061	2822	702	175	42	16761	0	5861	40989	39664	39927	16733	8443	2656	153282		
W158	2. Violence	0	0	0	0	0	0	0	0	0	0	1175	883	3351	1920	1411	602	264	78	5864		
W159	3. War	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
W160	Other intentional injuries	93	0	0	41	7	44	0	0	0	92	0	0	0	0	0	0	0	0	1		

## わが国の傷害の疾病負担算出の検討

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### 研究要旨：

わが国における傷害に関する詳細法による疾病負担の算出はこれまでほとんどなされていない。本研究では、Australian Burden of Disease Study の DALY 詳細法を参考にして、わが国の転倒・転落の DALY の算定を試みた。わが国の転倒・転落の DALY は男性 110,649、女性 77,987、全体 188,636 であった。また、人口 10 万人当たりの DALY は男性 177.6、女性 119.3、全体 147.7 であった。本研究結果は非致死的な傷害等に関する保健行政の政策決定に貴重な情報を提供すると考えられる。

### A. 研究目的

Disability Adjusted Life Year (DALY) は、世界銀行の要請を受けて、1992 年より、Harvard 大学の Murray と WHO が共同で行った Global Burden of Disease (GBD) Study において開発された「ものさし」である。Quality Adjusted Life Year (QALY) の方法論を拡張したもので、死亡損失 (Years of Life Lost due to premature death: YLL) と障害損失 (Years of Life lived with Disability: YLD) から構成され、「死亡」と「障害」を 1 つの単位 (同じ土俵) で表わすことのできる複合健康指標である。DALY には、様々な疾患/傷害を共通の「ものさし」で横断的に客観的に評価できる利点があり、現在、多くの国々で政策立案のツールとしての利用が試みられている。

わが国における傷害に関する詳細法による疾病負担の算出はこれまでほとんどなされていない。本研究では、Australian Burden of Disease Study の DALY 詳細法を参考にして、わが国の傷害 (Injuries) の一例として、転倒・転落の DALY の算定を試みた。本研究では、DALY を用いてわが国の転倒のインパクトを評価した。これまで、わが国では、転倒の DALY を算出するための具体的モデルが構築されていない。そこで、Australian Burden of Disease (AUS-BoD) Study の転倒

DALY 算出モデルにあてはめ、詳細法による DALY 算出を試みた。

### B. 研究方法

転倒の DALY 算出にあたって以下の情報を収集した。

1. 人口：総務省統計局平成 16 年 10 月 1 日現在推計人口
2. 平均余命：平成 16 年簡易生命表
3. 死亡数：平成 16 年人口動態統計 死因別死亡数 (転倒・転落)
4. 発症数：平成 14 年患者調査 外来初診患者数 (転倒・転落)

本研究では、分類コードの問題もあり、転倒・転落の両者について検討した。また、AUS-BoD Study では、T4 Falls excluding sports related により、E880-888 のうち 886.0 (Falls sports related) が除外されているが、本研究では、これを含めて解析した。

DALY 算出モデルでは以下を仮定した。

1. すべての患者がかならず外来を受診する。  
→「発症数」は外来初診患者数を適応した。
2. すべての患者が治療している。  
→Disability Weight は treated の値を適応した。

3. 転倒・転落による傷病 incidence の構成割合および各傷病の治癒までの期間は AUS-BoD Study の T4 Falls excluding sports related と等しいと仮定し、AUS-BoD Study の結果 (T4 Falls excluding sports related の Disability Weight と Duration) を援用した。なお、AUS-BoD Study 自体は GBD (Murray & Lopez 1996:214) の minor modifications を援用している。

DALY 算出には、WHO が配布している DALY calculation テンプレートを用いて、時間割引 (discount rate=0.03) と年齢重み付け (beta=0.04) を実施した。

### C. 研究結果と考察

表 A1. (YLL in study age groups) にこの検討における年齢群毎の YLL を算出した結果を、また表 B. (YLD template) に同年齢群の YLD を男女別に示した。AUS-BoD Study の詳細法に準じたわが国の転倒・転落の DALY は、男性 110,649、女性 77,987、全体 188,636 であった。人口 10 万人当たりの DALY は男性 177.6、女性 119.3、全体 147.7 であった (表 C. Total DALYS = YLL+YLD)。図 1 には、わが国の転倒・転落の千人当たりの DALY を男女別に示した。どの年齢群でも、男性の方が女性を上まわった。(Δ 0.16~1.65DALY 千人対) 20~30 代にかけて底をうち、年齢とともに増加傾向があった。

詳細法による DALY の YLD 算出には、転倒・転落による傷病 incidence の構成割合および各傷病の治癒までの期間の情報が不可欠であるが、このような情報が入手できず、AUS-BoD Study の結果を援用した。今後、わが国の population-based の incidence データが揃えば、差し替えが可能である。

### D. 結論

転倒・転落などの非致命的 (non-fatal) な傷害については、死亡の負担よりも障害の負担の方が大きい。今年度は AUS-BoD Study の転倒の DALY 算出モデルにあてはめ、詳細法によるわが

国における DALY 算出を試みた。DALY を用いた評価は、異なる疾患/傷害を同じ土俵で比較検討することを可能にして、保健行政の政策決定に貴重な情報を提供すると考えられる。今後、他のデータの少ない傷害分野の DALY も算出されていくことが期待される。

### E. 論文・発表

なし

### F. 研究協力者

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DISEASE: Falls  
 REGION: Japan  
 PERIOD: 2004

THIS TEMPLATE ENABLES CALCULATION OF YLL (See Part A below in rows 25 to 102)  
 YLD (See Part B below in rows 105 to 133)  
 DALYs (See Part C below in rows 136 to 150)

IF YOU HAVE MORE THAN ONE SEQUELA FOR A DISEASE, CREATE A COPY OF THIS TEMPLATE FOR EACH SEQUELA AND ADD THE DALYs FOR ALL SEQUELAE.

1. Enter disease name, region and period in the yellow cells above.
2. Enter update information in the purple cells above right.
3. If required, change discount and age weight parameters for DALY calculation in the grey box below.
4. If required, change age groups (insert additional rows if needed, and adjust lookup formulae for standard LE)

DALY Parameters	
0.03 Discount rate (r)	Standard discount rate is 0.03
0.04 Beta (b)	Standard age weights use beta=0.04
0.1658 Constant (C)	Standard age weights use C=0.1658
-0.07 -(b+r)	
0 K	K=0 (no age weights) to 1 (full age weights)

**A. YLL template**

- A1. Enter population data in yellow cells below.
- A2. Enter numbers of deaths for 5 year age groups in green cells below. (or death rates in next column and calculate numbers of deaths)
- A3. If necessary, modify average ages at death (blue column). This may be important for lowest and highest age groups.

	Population	Deaths	Deaths per 1,000	Av. Age at death	Standard LE		YLLs	YLL per 1,000
<b>Males</b>								
0	573,000	0	0.00	0.1	78.6	1.000	-	0.00
1-4	2,370,000	24	0.01	2.6	76.3	1.000	719	0.30
5-9	3,040,000	4	0.00	7.3	71.7	1.000	118	0.04
10-14	3,105,000	4	0.00	12.9	66.1	1.000	115	0.04
15-19	3,466,000	17	0.00	18.1	61.1	1.000	476	0.14
20-24	3,955,000	45	0.01	22.5	56.7	1.000	1,226	0.31
25-29	4,461,000	54	0.01	27.5	51.9	1.000	1,421	0.32
30-34	4,960,000	67	0.01	32.6	47.0	1.000	1,688	0.34
35-39	4,359,000	64	0.01	37.5	42.3	1.000	1,533	0.35
40-44	3,976,000	82	0.02	42.6	37.5	1.000	1,846	0.46
45-49	3,936,000	116	0.03	47.7	32.8	1.000	2,422	0.62
50-54	4,633,000	203	0.04	52.6	28.4	1.000	3,880	0.84
55-59	4,762,000	307	0.06	57.6	24.1	1.000	5,272	1.11
60-64	4,193,000	338	0.08	62.7	20.1	1.000	5,094	1.21
65-69	3,484,000	365	0.10	67.7	16.2	1.000	4,689	1.35
70-74	2,951,000	486	0.16	72.6	12.8	1.000	5,176	1.75
75-79	2,168,000	534	0.25	77.5	9.8	1.000	4,549	2.10
80-84	1,130,000	465	0.41	82.4	7.3	1.000	3,034	2.69
85+	773,000	673	0.87	89.0	4.7	1.000	2,951	3.82
<b>Total</b>	<b>62,295,000</b>	<b>3,848</b>	<b>0.06</b>	<b>69.0</b>	<b>17.0</b>		<b>46,209</b>	<b>0.74</b>
<b>Females</b>								
0	545,000	0	0.00	0.1	85.5	1.000	-	0.00
1-4	2,247,000	7	0.00	2.6	83.2	1.000	214	0.10
5-9	2,898,000	1	0.00	7.4	78.5	1.000	30	0.01
10-14	2,955,000	3	0.00	12.6	73.4	1.000	89	0.03
15-19	3,295,000	10	0.00	17.9	68.1	1.000	290	0.09
20-24	3,770,000	11	0.00	22.6	63.5	1.000	312	0.08
25-29	4,294,000	21	0.00	27.5	58.7	1.000	580	0.13
30-34	4,859,000	19	0.00	32.6	53.6	1.000	506	0.10
35-39	4,303,000	16	0.00	37.5	48.8	1.000	410	0.10
40-44	3,933,000	14	0.00	42.7	43.9	1.000	342	0.09
45-49	3,918,000	23	0.01	47.7	39.1	1.000	529	0.14

**A1. YLL in study age groups**

	Population	Deaths	Deaths per 1,000	Av. Age at death	YLLs	YLL per 1,000
<b>Males</b>						
0-4	2,943,000	24	0.0	2.6	719	0.24
5-14	6,145,000	8	0.0	10.1	233	0.04
15-24	7,421,000	62	0.0	21.3	1,702	0.23
25-34	9,421,000	121	0.0	30.3	3,109	0.33
35-44	8,335,000	146	0.0	40.4	3,379	0.41
45-54	8,569,000	319	0.0	50.8	6,301	0.74
55-64	8,955,000	645	0.1	60.3	10,366	1.16
65-74	6,435,000	851	0.1	70.5	9,865	1.53
75+	4,071,000	1,672	0.4	73.0	10,535	2.59
<b>Total</b>	<b>62,295,000</b>	<b>3,848</b>	<b>0.062</b>	<b>69.0</b>	<b>46,209</b>	<b>0.74</b>
<b>Females</b>						
0-4	2,792,000	7	0.0	2.6	214	0.08
5-14	5,853,000	4	0.0	11.3	119	0.02
15-24	7,065,000	21	0.0	20.4	602	0.09
25-34	9,153,000	40	0.0	29.9	1,086	0.12
35-44	8,236,000	30	0.0	39.9	752	0.09
45-54	8,585,000	63	0.0	50.8	1,390	0.16
55-64	9,337,000	133	0.0	60.7	2,467	0.26
65-74	7,374,000	215	0.0	70.7	3,039	0.41
75+	6,997,000	2,043	0.3	86.8	13,531	1.93
<b>Total</b>	<b>65,392,000</b>	<b>2,556</b>	<b>0.039</b>	<b>80.9</b>	<b>23,201</b>	<b>0.35</b>

**B. YLD template**

B1. Enter population data in yellow cells below (if have not entered them above for YLL).

B2. Enter incidence rates, age at onset and duration in green cells

B3. Enter disability weights in blue cells below.

	Population	Incidence	Incidence per 1,000	Age at onset	Duration (years)	Disability Weight	YLDs	YLD per 1,000
<b>Males</b>								
0-4	2,943,000	322,300	110	2.0	0.4	0.159	20,376	6.92
5-14	6,145,000	468,800	76	10.0	0.2	0.142	13,274	2.16
15-24	7,421,000	234,400	32	20.0	0.2	0.122	5,702	0.77
25-34	9,421,000	146,500	16	30.0	0.2	0.116	3,389	0.36
35-44	8,335,000	87,900	11	40.0	0.2	0.122	2,138	0.26
45-54	8,569,000	175,800	21	50.0	0.2	0.128	4,487	0.52
55-64	8,955,000	146,500	16	60.0	0.2	0.146	4,265	0.48
65-74	6,435,000	175,800	27	70.0	0.2	0.155	5,433	0.84
75+	4,071,000	146,500	36	80.0	0.2	0.184	5,375	1.32
<b>Total</b>	<b>62,295,000</b>	<b>1,904,500</b>	<b>30.6</b>	<b>31.3</b>	<b>0.2</b>	<b>0.13</b>	<b>64,440</b>	<b>1.03</b>
<b>Females</b>								
0-4	2,792,000	234,400	84	2.0	0.4	0.166	15,471	5.54
5-14	5,853,000	263,700	45	10.0	0.1	0.117	3,081	0.53
15-24	7,065,000	146,500	21	20.0	0.2	0.104	3,038	0.43
25-34	9,153,000	175,800	19	30.0	0.2	0.108	3,786	0.41
35-44	8,236,000	117,200	14	40.0	0.2	0.113	2,641	0.32
45-54	8,585,000	263,700	31	50.0	0.1	0.124	3,265	0.38
55-64	9,337,000	175,800	19	60.0	0.2	0.145	5,083	0.54
65-74	7,374,000	205,100	28	70.0	0.2	0.169	6,912	0.94
75+	6,997,000	293,000	42	80.0	0.2	0.197	11,510	1.64
<b>Total</b>	<b>65,392,000</b>	<b>1,875,200</b>	<b>28.7</b>	<b>41.3</b>	<b>0.2</b>	<b>0.13</b>	<b>54,786</b>	<b>0.84</b>

C. Total DALYS = YLL+YLD

Age	Males			Females			Persons		
	Population	DALYs	DALYs per 1,000	Population	DALYs	DALYs per 1,000	Population	DALYs	DALYs per 1,000
0-4	2,943,000	21,095	7.17	2,792,000	15,685	5.62	5,735,000	36,780	6.41
5-14	6,145,000	13,507	2.20	5,853,000	3,200	0.55	11,998,000	16,707	1.39
15-24	7,421,000	7,404	1.00	7,065,000	3,640	0.52	14,486,000	11,045	0.76
25-34	9,421,000	6,498	0.69	9,153,000	4,872	0.53	18,574,000	11,370	0.61
35-44	8,335,000	5,517	0.66	8,236,000	3,392	0.41	16,571,000	8,910	0.54
45-54	8,569,000	10,788	1.26	8,585,000	4,655	0.54	17,154,000	15,443	0.90
55-64	8,955,000	14,631	1.63	9,337,000	7,550	0.81	18,292,000	22,181	1.21
65-74	6,435,000	15,298	2.38	7,374,000	9,951	1.35	13,809,000	25,250	1.83
75+	4,071,000	15,910	3.91	6,997,000	25,041	3.58	11,068,000	40,951	3.70
<b>Total</b>	<b>62,295,000</b>	<b>110,649</b>	<b>1.78</b>	<b>65,392,000</b>	<b>77,987</b>	<b>1.19</b>	<b>127,687,000</b>	<b>188,636</b>	<b>1.48</b>

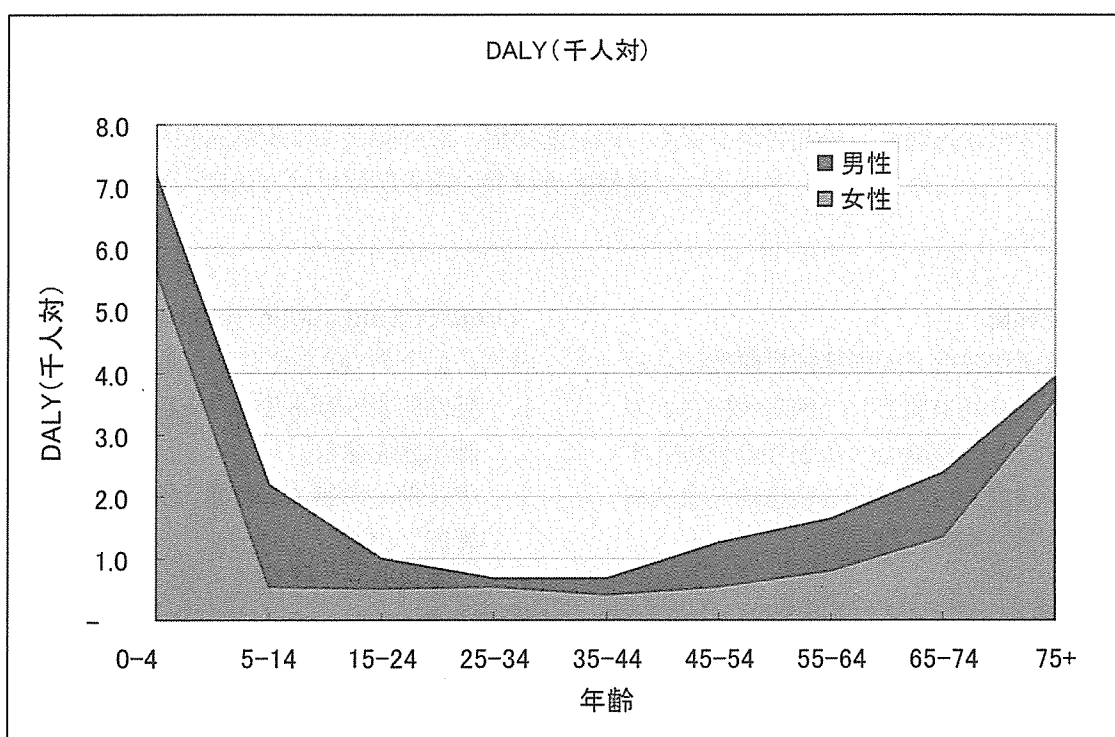


図 1. わが国の転倒・転落のDALY(千人対)