

Table 23. Number of deaths and crude death rates by leading causes

Persons

Year & District & Sex	All causes of deaths		Leading causes of deaths								
			Malignant neoplasms		Diseases of heart (except hypertensive diseases)		Pneumonia		Cerebrovascular diseases		Diabetes mellitus
	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths
1952	76 053	950.8	2 459	30.7	3 922	49.0	10 516	131.5	3 902	48.8	-
1981	86 204	479.7	13 764	76.6	7 706	42.9	2 833	15.8	14 202	79.0	1 613
1991	104 461	510.7	19 630	96.0	12 026	58.8	2 644	12.9	14 137	69.1	4 210
2001	126 667	567.0	32 993	147.7	11 003	49.2	3 746	16.8	13 141	58.8	9 113
2011	152 030	655.5	42 559	183.5	16 513	71.2	9 047	39.0	10 823	46.7	9 081
2013	154 374	661.3	44 791	191.9	17 694	75.8	9 042	38.7	11 313	48.5	9 438
2014	162 886	696.0	46 093	196.9	19 399	82.9	10 353	44.2	11 733	50.1	9 846
2015	163 574	697.2	46 829	199.6	19 202	81.8	10 761	45.9	11 169	47.6	9 530
2016	172 418	733.2	47 760	203.1	20 812	88.5	12 212	51.9	11 846	50.4	9 960
2017	171 857	729.6	48 037	203.9	20 644	87.6	12 480	53.0	11 755	49.9	9 845
2018	172 859	733.1	48 784	206.9	21 569	91.5	13 421	56.9	11 520	48.9	9 374
2019	175 424	743.4	50 232	212.9	19 859	84.2	15 185	64.4	12 176	51.6	9 996
2020	173 067	733.9	50 161	212.7	20 457	86.7	13 736	58.2	11 821	50.1	10 311
2021	184 172	784.8	51 656	220.1	21 852	93.1	13 549	57.7	12 182	51.9	11 450
2022	208 438	893.8	51 927	222.7	23 668	101.5	14 320	61.4	12 416	53.2	12 289
By district											
Taiwan Area											
New Taipei City	30 759	768.6	8 008	200.1	4 291	107.2	1 864	46.6	1 633	40.8	1 731
Taipei City	21 047	841.0	5 246	209.6	3 209	128.2	1 387	55.4	1 078	43.1	907
Taoyuan City	15 831	695.3	3 513	154.3	1 692	74.3	789	34.7	875	38.4	553
Taichung City	20 871	741.7	5 646	200.6	1 647	58.5	1 409	50.1	1 205	42.8	1 473
Tainan City	17 947	966.2	4 776	257.1	1 721	92.7	1 345	72.4	1 199	64.5	1 169
Kaohsiung City	25 559	934.0	6 620	241.9	2 373	86.7	1 866	68.2	1 659	60.6	1 669
Yilan County	4 674	1 039.0	1 125	250.1	662	147.2	331	73.6	349	77.6	185
Hsinchu County	4 627	800.5	994	172.0	437	75.6	296	51.2	372	64.4	336
Miaoli County	6 028	1 123.3	1 289	240.2	713	132.9	350	65.2	449	83.7	520
Changhua County	12 671	1 013.4	3 041	243.2	1 233	98.6	1 151	92.1	732	58.5	666
Nantou County	5 887	1 220.7	1 265	262.3	640	132.7	593	123.0	321	66.6	339
Yunlin County	8 593	1 288.1	2 138	320.5	1 238	185.6	716	107.3	434	65.1	633
Chiayi County	6 500	1 324.5	1 672	340.7	740	150.8	425	86.6	391	79.7	425
Pingtung County	9 678	1 207.4	2 336	291.4	934	116.5	711	88.7	634	79.1	576
Taitung County	2 662	1 250.0	607	285.0	538	252.6	168	78.9	171	80.3	80
Hualien County	3 752	1 172.0	839	262.1	384	120.0	211	65.9	250	78.1	271
Penghu County	1 066	998.3	269	251.9	158	148.0	59	55.3	59	55.3	46
Keelung City	3 815	1 051.7	900	248.1	437	120.5	267	73.6	199	54.9	347
Hsinchu City	3 095	683.9	776	171.5	314	69.4	172	38.0	187	41.3	214
Chiayi City	2 380	902.1	598	226.7	204	77.3	151	57.2	176	66.7	105
Kinmen & Lienchiang Area											
Kinmen County	916	647.7	248	175.4	93	65.8	56	39.6	42	29.7	39
Lienchiang County	80	579.1	21	152.0	10	72.4	3	21.7	1	7.2	5
By sex											
Male	120 405	1,043.5	31 158	270.0	13 530	117.3	8 567	74.2	7 143	61.9	6 301
Female	88 033	747.2	20 769	176.3	10 138	86.1	5 753	48.8	5 273	44.8	5 988

Note: 1. Data do not include Kinmen County and Lienchiang County before 1994.

2. Crude death rate is number of deaths per 100,000 population.

3. From 2008, the classification standards of leading causes of death are based on the tenth revision of the International Statistical Classification of Diseases and Related Health Problems (ICD) by the World Health Organization. Besides, the 2016 ICD-10 criteria for selection of cause of death was adopted from 2019, so the historical data in the table could not be directly compared with the data after 2018.

Source: Ministry of Health and Welfare

Table 23. Number of deaths and crude death rates by leading causes (continued)

Persons

Year & District & Sex	Leading causes of deaths										
	Diabetes mellitus	Accidents & adverse effects		Hypertensive diseases		Chronic lower respiratory diseases		Nephritis, nephrotic syndrome and nephrosis		Chronic liver disease and cirrhosis	
	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates
1952	-	-	-	-	-	-	-	2 904	36.3	621	7.8
1981	9.0	11 616	64.6	3 146	17.5	-	-	2 329	13.0	3 075	17.1
1991	20.6	13 636	66.7	2 492	12.2	-	-	2 527	12.4	3 601	17.6
2001	40.8	9 513	42.6	1 766	7.9	-	-	4 056	18.2	5 239	23.5
2011	39.2	6 726	29.0	4 631	20.0	5 984	25.8	4 368	18.8	5 153	22.2
2013	40.4	6 619	28.4	5 033	21.6	5 959	25.5	4 489	19.2	4 843	20.7
2014	42.1	7 118	30.4	5 459	23.3	6 428	27.5	4 868	20.8	4 962	21.2
2015	40.6	7 033	30.0	5 536	23.6	6 383	27.2	4 762	20.3	4 688	20.0
2016	42.4	7 206	30.6	5 881	25.0	6 787	28.9	5 226	22.2	4 738	20.1
2017	41.8	6 965	29.6	6 072	25.8	6 260	26.6	5 381	22.8	4 554	19.3
2018	39.8	6 846	29.0	5 991	25.4	6 146	26.1	5 523	23.4	4 315	18.3
2019	42.4	6 640	28.1	6 255	26.5	6 301	26.7	5 049	21.4	4 240	18.0
2020	43.7	6 767	28.7	6 706	28.4	5 657	24.0	5 096	21.6	3 964	16.8
2021	48.8	6 775	28.9	7 886	33.6	6 238	26.6	5 470	23.3	4 065	17.3
2022	52.7	6 953	29.8	8 720	37.4	6 494	27.8	5 813	24.9	4 107	17.6
By district											
Taiwan Area											
New Taipei City	43.3	724	18.1	1 006	25.1	1 269	31.7	837	20.9	547	13.7
Taipei City	36.2	365	14.6	768	30.7	928	37.1	577	23.1	230	9.2
Taoyuan City	24.3	557	24.5	613	26.9	233	10.2	369	16.2	309	13.6
Taichung City	52.3	734	26.1	893	31.7	529	18.8	710	25.2	425	15.1
Tainan City	62.9	693	37.3	754	40.6	477	25.7	504	27.1	293	15.8
Kaohsiung City	61.0	869	31.8	1 398	51.1	547	20.0	677	24.7	506	18.5
Yilan County	41.1	191	42.5	109	24.2	157	34.9	189	42.0	101	22.5
Hsinchu County	58.1	221	38.2	281	48.6	142	24.6	136	23.5	91	15.7
Miaoli County	96.9	254	47.3	232	43.2	243	45.3	149	27.8	150	28.0
Changhua County	53.3	520	41.6	459	36.7	406	32.5	392	31.4	237	19.0
Nantou County	70.3	228	47.3	309	64.1	230	47.7	190	39.4	167	34.6
Yunlin County	94.9	300	45.0	316	47.4	258	38.7	206	30.9	204	30.6
Chiayi County	86.6	245	49.9	237	48.3	200	40.8	201	41.0	143	29.1
Pingtung County	71.9	384	47.9	535	66.7	297	37.1	238	29.7	235	29.3
Taitung County	37.6	136	63.9	58	27.2	82	38.5	48	22.5	130	61.0
Hualien County	84.7	152	47.5	243	75.9	127	39.7	109	34.0	131	40.9
Penghu County	43.1	35	32.8	47	44.0	20	18.7	17	15.9	19	17.8
Keelung City	95.7	114	31.4	143	39.4	193	53.2	93	25.6	65	17.9
Hsinchu City	47.3	110	24.3	142	31.4	54	11.9	69	15.2	57	12.6
Chiayi City	39.8	82	31.1	124	47.0	89	33.7	81	30.7	46	17.4
Kinmen & Lienchiang Area											
Kinmen County	27.6	35	24.7	48	33.9	11	7.8	20	14.1	18	12.7
Lienchiang County	36.2	4	29.0	5	36.2	2	14.5	1	7.2	3	21.7
By sex											
Male	54.6	4 823	41.8	4 322	37.5	4 584	39.7	2 932	25.4	2 950	25.6
Female	50.8	2 130	18.1	4 398	37.3	1 910	16.2	2 881	24.5	1 157	9.8