

Incidence and mortality rates for the top 10 cancer in Taiwan, 2012

(ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 in 2012 (only invasive cancers)

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate ²	Age-adjusted incidence rate ³
1	C50	Female breast	10,525	90.40 ^{7a}	61.21	65.93
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	14,965	64.18	39.80	45.10
3	C22	Liver and intrahepatic bile ducts	11,422	48.99	31.39	35.02
4	C33-C34	Trachea, bronchus and lung	11,692	50.15	30.56	34.99
5	C61	Prostate gland	4,735	40.56 ^{7b}	25.02	29.70
6	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,047	30.22	20.67	22.27
		Oral cavity	4,716	20.23	13.89	14.99
		Oropharynx	1,322	5.67	3.86	4.15
		Hypopharynx	1,009	4.33	2.92	3.13
7	C54	Corpus uteri	1,936	16.63 ^{7a}	11.08	11.96
8	C16	Stomach	3,796	16.28	9.57	11.11
9	C73	Thyroid gland	2,895	12.42	9.12	9.90
10	C44 ⁵	Skin	3,274	14.04	8.16	9.65
	C00-C80	All cancer sites	96,694	414.71	269.06	300.01

Top 10 cancer incidence rates per 100,000 in 2012 (carcinoma in situ and invasive cancers)⁶

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate ²	Age-adjusted incidence rate ³
1	C50	Female breast	12,501	107.37 ^{7a}	72.91	78.32
	C50	Carcinoma in situ of the female breast	1,976	16.97 ^{7a}	11.70	12.39
	C50	Invasive carcinoma of the female breast	10,525	90.40 ^{7a}	61.21	65.93
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	16,448	70.54	44.02	49.68
3	C33-C34	Trachea, bronchus and lung	11,713	50.24	30.63	35.06
4	C22	Liver and intrahepatic bile ducts	11,427	49.01	31.41	35.03
5	C53	Cervix uteri	4,826	41.45 ^{7a}	28.94	32.07
	C53	Cervical carcinoma in situ	3,259	27.99 ^{7a}	20.30	22.47
	C53	Invasive cervical carcinoma	1,567	13.46 ^{7a}	8.64	9.60
6	C61	Prostate gland	4,740	40.61 ^{7b}	25.05	29.73
7	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,111	30.50	20.85	22.47
		Oral cavity	4,753	20.39	14.00	15.10
		Oropharynx	1,333	5.72	3.90	4.18
		Hypopharynx	1,025	4.40	2.96	3.18
8	C54	Corpus uteri	1,939	16.65 ^{7a}	11.10	11.98
9	C16	Stomach	3,843	16.48	9.68	11.25
10	C44 ⁵	Skin	3,569	15.31	8.87	10.50
	C00-C80	All Cancer sites	105,082	450.69	293.90	327.30

Top 10 cancer mortality rates per 100,000 in 2012

Rank	ICD-10	Cancer site	Number of Cases	Crude Mortality rate	Age-adjusted mortality rate ²	Age-adjusted mortality rate ³
1	C33-C34	Trachea, bronchus and lung	8,587	36.83	21.31	25.02
2	C22	Liver and intrahepatic bile ducts	8,116	34.81	21.28	24.37
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	5,131	22.01	12.32	14.69
4	C50	Female breast	1,912	16.42 ^{7a}	10.53	11.47
5	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	2,566	11.01	7.36	8.00
6	C16	Stomach	2,386	10.23	5.70	6.78
7	C61	Prostate gland	1,187	10.17 ^{7b}	5.17	6.63
8	C15	Esophagus	1,581	6.78	4.44	4.82
9	C25	Pancreas	1,629	6.99	4.13	4.78
10	C53	Cervix uteri	669	5.75 ^{7a}	3.37	3.85
	C00-C97	All Cancer sites	43,665	187.28	112.36	129.48

FOOTNOTE

1. Since 2007, the incidence rate for lymphoma was calculated independently from each site.

2. Rates are age-adjusted to the 1976 world standard population.

3. Rates are age-adjusted to the 2000 world standard population.

4. Codes corresponding with oral cavity, oropharynx and hypopharynx include ICD-O-3 : C00-C06 \ C09-C10 \ C12-14 ; ICD 9 : 140-141 \ 143-146 \ 148-149.

5. Basal cell is included in skin cancer.

6. Carcinoma in situ represents the fifth digit of morphology code is "2".

7. (a) Incidence rate and mortality rates per 100,000 for female; (b) Incidence and mortality rates per 100,000 for male.

Incidence and mortality rates for the top 10 cancer among males in Taiwan, 2012 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among males in 2012 (only invasive cancers)

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate ²	Age-adjusted incidence rate ³
1	C18-C21	Colon, rectum, rectosigmoid junction and anus	8,558	73.31	47.49	53.67
2	C22	Liver and intrahepatic bile ducts	7,924	67.88	45.77	50.57
3	C33-C34	Trachea, bronchus and lung	7,072	60.58	38.04	44.04
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	6,462	55.36	38.79	41.73
		Oral cavity	4,264	36.53	25.74	27.71
		Oropharynx	1,211	10.37	7.22	7.75
		Hypopharynx	987	8.46	5.83	6.27
5	C61	Prostate gland	4,735	40.56	25.02	29.70
6	C16	Stomach	2,387	20.45	12.49	14.54
7	C15	Esophagus	2,194	18.79	12.77	13.84
8	C44 ⁵	Skin	1,820	15.59	9.53	11.28
9	C67	Bladder	1,416	12.13	7.46	8.70
10	NHL	Non-Hodgkin lymphoma	1,269	10.87	7.46	8.33
	C00-C80	All cancer sites	53,553	458.76	304.02	341.38

Top 10 cancer incidence rates per 100,000 among males in 2012 (carcinoma in situ and invasive cancers)⁶

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate ²	Age-adjusted incidence rate ³
1	C18-C21	Colon, rectum, rectosigmoid junction and anus	9,482	81.23	53.00	59.62
2	C22	Liver and intrahepatic bile ducts	7,925	67.89	45.78	50.58
3	C33-C34	Trachea, bronchus and lung	7,081	60.66	38.09	44.10
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	6,524	55.89	39.15	42.12
		Oral cavity	4,300	36.84	25.95	27.93
		Oropharynx	1,222	10.47	7.29	7.82
		Hypopharynx	1,002	8.58	5.92	6.37
5	C61	Prostate gland	4,740	40.61	25.05	29.73
6	C16	Stomach	2,418	20.71	12.63	14.72
7	C15	Esophagus	2,238	19.17	13.04	14.12
8	C67	Bladder	2,007	17.19	10.68	12.40
9	C44 ⁵	Skin	1,956	16.76	10.26	12.12
10	NHL	Non-Hodgkin lymphoma	1,269	10.87	7.46	8.33
	C00-C80	All cancer sites	55,517	475.59	315.24	353.85

Top 10 cancer mortality rates per 100,000 among males in 2012

Rank	ICD-10	Cancer site	Number of Cases	Crude Mortality rate	Age-adjusted mortality rate ²	Age-adjusted mortality rate ³
1	C22	Liver and intrahepatic bile ducts	5,596	47.94	31.33	35.36
2	C33-C34	Trachea, bronchus and lung	5,628	48.21	28.95	34.26
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	2,956	25.32	15.02	17.84
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	2,359	20.21	13.95	15.10
5	C15	Esophagus	1,477	12.65	8.62	9.31
6	C16	Stomach	1,502	12.87	7.43	8.85
7	C61	Prostate gland	1,187	10.17	5.17	6.63
8	C25	Pancreas	935	8.01	5.00	5.76
9	C91-C95	Leukemia	580	4.97	3.42	3.86
10	C82-C85	Non-Hodgkin lymphoma	605	5.18	3.16	3.70
	C00-C97	All cancer sites	27,270	233.61	146.28	168.42

FOOTNOTE

1. Since 2007, the incidence rate for lymphoma was calculated independently from each site.

2. Rates are age-adjusted to the 1976 world standard population.

3. Rates are age-adjusted to the 2000 world standard population.

4. Codes corresponding with oral cavity, oropharynx and hypopharynx include ICD-O-3 : C00-C06、C09-C10、C12-14 ; ICD 9 : 140-141、143-146、148-149.

5. Basal cell is included in skin cancer.

6. Carcinoma in situ represents the fifth digit of morphology code is "2".

Incidence and mortality rates for the top 10 cancer among females in Taiwan, 2012 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among females in 2012 (only invasive cancers)

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate ²	Age-adjusted incidence rate ³
1	C50	Female breast	10,525	90.40	61.21	65.93
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	6,407	55.03	32.73	37.25
3	C33-C34	Trachea, bronchus and lung	4,620	39.68	23.83	26.84
4	C22	Liver and intrahepatic bile ducts	3,498	30.05	17.79	20.33
5	C73	Thyroid gland	2,236	19.21	14.07	15.25
6	C54	Corpus uteri	1,936	16.63	11.08	11.96
7	C53	Cervix uteri	1,567	13.46	8.64	9.60
8	C44 ⁴	Skin	1,454	12.49	6.92	8.18
9	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,236	10.62	7.47	8.04
10	C16	Stomach	1,409	12.10	6.90	8.01
	C00-C80	All cancer sites	43,141	370.55	237.98	263.29

Top 10 cancer incidence rates per 100,000 among females in 2012 (carcinoma in situ and invasive cancers)⁵

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate ²	Age-adjusted incidence rate ³
1	C50	Female breast	12,501	107.37	72.91	78.32
	C50	Carcinoma in situ of the female breast	1,976	16.97	11.70	12.39
	C50	Invasive carcinoma of the female breast	10,525	90.40	61.21	65.93
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	6,966	59.83	35.75	40.56
3	C53	Cervix uteri	4,826	41.45	28.94	32.07
	C53	Cervical carcinoma in situ	3,259	27.99	20.30	22.47
	C53	Invasive cervical carcinoma	1,567	13.46	8.64	9.60
4	C33-C34	Trachea, bronchus and lung	4,632	39.79	23.91	26.93
5	C22	Liver and intrahepatic bile ducts	3,502	30.08	17.81	20.36
6	C73	Thyroid gland	2,236	19.21	14.07	15.25
7	C54	Corpus uteri	1,939	16.65	11.10	11.98
8	C44 ⁴	Skin	1,613	13.85	7.61	9.03
9	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,261	10.83	7.67	8.25
10	C16	Stomach	1,425	12.24	6.98	8.10
	C00-C80	All cancer sites	49,565	425.72	276.22	305.17

Top 10 cancer mortality rates per 100,000 among females in 2012

Rank	ICD-9	Cancer site	Number of Cases	Crude Mortality rate	Age-adjusted mortality rate ²	Age-adjusted mortality rate ³
1	C33-C34	Trachea, bronchus and lung	2,959	25.42	14.40	16.66
2	C22	Liver and intrahepatic bile ducts	2,520	21.64	11.84	14.09
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	2,175	18.68	9.88	11.85
4	C50	Female breast	1,912	16.42	10.53	11.47
5	C16	Stomach	884	7.59	4.13	4.90
6	C25	Pancreas	694	5.96	3.32	3.88
7	C53	Cervix uteri	669	5.75	3.37	3.85
8	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	528	4.54	2.89	3.19
9	C91-C95	Leukemia	364	3.13	2.16	2.38
10	C82-C85	Non-Hodgkin lymphoma	410	3.52	2.02	2.35
	C00-C97	All cancer sites	16,395	140.82	80.99	93.56

FOOTNOTE

1. Since 2007, the incidence rate for lymphoma was calculated independently from each site.
2. Rates are age-adjusted to the 1976 world standard population.
3. Rates are age-adjusted to the 2000 world standard population.
4. Basal cell is included in skin cancer.
5. Carcinoma in situ represents the fifth digit of morphology code is "2".