

Incidence and mortality rates for the top 10 cancer in Taiwan, 2017

(ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 in 2017 (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	13,965	117.83 ^{7a}	73.11	78.88
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	16,408	69.61	37.90	42.93
3	C33-C34	Trachea, bronchus and lung	14,282	60.59	32.65	36.97
4	C61	Prostate gland	5,866	50.05 ^{7b}	26.64	31.65
5	C22	Liver and intrahepatic bile ducts	11,225	47.62	26.02	29.30
6	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,797	33.08	20.40	21.98
		Oral cavity	5,159	21.89	13.56	14.67
		Oropharynx	1,523	6.46	3.97	4.23
		Hypopharynx	1,115	4.73	2.87	3.08
7	C54	Corpus uteri	2,695	22.74 ^{7a}	14.03	15.11
8	C73	Thyroid gland	4,053	17.19	12.06	13.09
9	C44 ⁵	Skin	3,804	16.14	8.02	9.49
10	C16	Stomach	3,703	15.71	8.15	9.39
	C00-C80	All cancer sites	111,684	473.81	274.52	305.38

Top 10 cancer incidence rates per 100,000 in 2017 (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	16,608	140.13 ^{7a}	87.39	94.03
	C50	Carcinoma in situ of the female breast	2,643	22.30 ^{7a}	14.28	15.15
	C50	Invasive carcinoma of the female breast	13,965	117.83 ^{7a}	73.11	78.88
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	20,928	88.79	48.93	54.97
3	C33-C34	Trachea, bronchus and lung	14,758	62.61	33.94	38.34
4	C61	Prostate gland	5,905	50.39 ^{7b}	26.82	31.87
5	C22	Liver and intrahepatic bile ducts	11,232	47.65	26.04	29.32
6	C53	Cervix uteri	4,285	36.16 ^{7a}	24.56	27.38
	C53	Cervical carcinoma in situ	2,867	24.19 ^{7a}	17.46	19.51
	C53	Invasive cervical carcinoma	1,418	11.96 ^{7a}	7.10	7.88
7	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,920	33.60	20.72	22.32
		Oral cavity	5,240	22.23	13.77	14.89
		Oropharynx	1,542	6.54	4.02	4.28
		Hypopharynx	1,138	4.83	2.93	3.14
8	C54	Corpus uteri	2,806	23.68 ^{7a}	14.69	15.82
9	C73	Thyroid gland	4,053	17.19	12.06	13.09
10	C44 ⁵	Skin	4,239	17.98	8.88	10.54
	C00-C80	All Cancer sites	124,578	528.52	308.37	342.59

Top 10 cancer mortality rates per 100,000 in 2017

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	9,235	39.18	19.38	22.80
2	C22	Liver and intrahepatic bile ducts	8,402	35.65	18.37	21.28
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	5,812	24.66	12.03	14.20
4	C50	Female breast	2,377	20.06 ^{7a}	11.34	12.44
5	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	2,842	12.06	7.11	7.75
6	C61	Prostate gland	1,392	11.88 ^{7b}	5.31	6.80
7	C16	Stomach	2,304	9.77	4.69	5.55
8	C25	Pancreas	2,082	8.83	4.53	5.24
9	C15	Esophagus	1,797	7.62	4.42	4.79
10	C56·C57.0-C57.4	Ovary, fallopian tube and broad ligament	644	5.43 ^{7a}	3.09	3.39
	C00-C97	All Cancer sites	48,037	203.80	105.54	121.81

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, 2017 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among males in 2017 (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	9,434	80.50	46.15	52.21
2	C22	Liver and intrahepatic bile ducts	7,800	66.56	39.08	43.48
3	C33-C34	Trachea, bronchus and lung	7,936	67.72	37.86	43.46
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,058	60.22	38.27	41.15
		Oral cavity	4,569	38.99	24.95	26.91
		Oropharynx	1,410	12.03	7.59	8.09
		Hypopharynx	1,079	9.21	5.73	6.15
5	C61	Prostate gland	5,866	50.05	26.64	31.65
6	C15	Esophagus	2,563	21.87	13.47	14.50
7	C16	Stomach	2,304	19.66	10.74	12.40
8	C44 ⁵	Skin	2,089	17.82	9.44	11.31
9	C67	Bladder	1,707	14.57	7.78	9.11
10	LEU	Leukemia	1,383	11.80	8.40	8.98
	C00-C80	All cancer sites	59,297	505.97	299.21	335.71

Top 10 cancer incidence rates per 100,000 among males in 2017 (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	12,375	105.59	61.20	68.61
2	C33-C34	Trachea, bronchus and lung	8,064	68.81	38.56	44.21
3	C22	Liver and intrahepatic bile ducts	7,803	66.58	39.10	43.50
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,169	61.17	38.86	41.79
		Oral cavity	4,639	39.58	25.33	27.32
		Oropharynx	1,428	12.18	7.68	8.19
		Hypopharynx	1,102	9.40	5.85	6.28
5	C61	Prostate gland	5,905	50.39	26.82	31.87
6	C15	Esophagus	2,690	22.95	14.15	15.23
7	C67	Bladder	2,445	20.86	11.26	13.13
8	C16	Stomach	2,349	20.04	10.94	12.63
9	C44 ⁵	Skin	2,299	19.62	10.33	12.39
10	LEU	Leukemia	1,383	11.80	8.40	8.98
	C00-C80	All cancer sites	63,860	544.90	322.09	361.03

Top 10 cancer mortality rates per 100,000 among males in 2017

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	5,749	49.05	27.54	31.40
2	C33-C34	Trachea, bronchus and lung	5,837	49.81	26.29	31.15
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	3,298	28.14	14.76	17.45
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	2,643	22.55	13.82	15.04
5	C15	Esophagus	1,659	14.16	8.52	9.25
6	C16	Stomach	1,457	12.43	6.30	7.51
7	C61	Prostate gland	1,392	11.88	5.31	6.80
8	C25	Pancreas	1,139	9.72	5.41	6.20
9	C82-C85	Non-Hodgkin lymphoma	709	6.05	3.30	3.87
10	C91-C95	Leukemia	595	5.08	3.19	3.58
	C00-C97	All cancer sites	29,346	250.40	137.79	159.02

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, 2017 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among females in 2017 (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	13,965	117.83	73.11	78.88
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	6,974	58.84	30.46	34.66
3	C33-C34	Trachea, bronchus and lung	6,346	53.55	28.22	31.56
4	C73	Thyroid gland	3,118	26.31	18.42	19.96
5	C22	Liver and intrahepatic bile ducts	3,425	28.90	13.86	16.17
6	C54	Corpus uteri	2,695	22.74	14.03	15.11
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,521	12.83	8.54	9.19
8	C44 ⁴	Skin	1,715	14.47	6.78	7.94
9	C53	Cervix uteri	1,418	11.96	7.10	7.88
10	C16	Stomach	1,399	11.80	5.86	6.76
	C00-C80	All cancer sites	52,387	442.02	254.30	280.96

Top 10 cancer incidence rates per 100,000 among females in 2017 (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	16,608	140.13	87.39	94.03
	C50	Carcinoma in situ of the female breast	2,643	22.30	14.28	15.15
	C50	Invasive carcinoma of the female breast	13,965	117.83	73.11	78.88
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	8,553	72.17	37.78	42.69
3	C33-C34	Trachea, bronchus and lung	6,694	56.48	30.08	33.53
4	C53	Cervix uteri	4,285	36.16	24.56	27.38
	C53	Cervical carcinoma in situ	2,867	24.19	17.46	19.51
	C53	Invasive cervical carcinoma	1,418	11.96	7.10	7.88
5	C73	Thyroid gland	3,118	26.31	18.42	19.96
6	C22	Liver and intrahepatic bile ducts	3,429	28.93	13.87	16.19
7	C54	Corpus uteri	2,806	23.68	14.69	15.82
8	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,535	12.95	8.62	9.28
9	C44 ⁴	Skin	1,940	16.37	7.61	8.95
10	C16	Stomach	1,415	11.94	5.92	6.83
	C00-C80	All cancer sites	60,718	512.32	299.09	330.09

Top 10 cancer mortality rates per 100,000 among females in 2017

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	3,398	28.67	13.35	15.63
2	C50	Female breast	2,377	20.06	11.34	12.44
3	C22	Liver and intrahepatic bile ducts	2,653	22.39	9.92	12.03
4	C18-C21	Colon, rectum, rectosigmoid junction and anus	2,514	21.21	9.64	11.39
5	C25	Pancreas	943	7.96	3.71	4.35
6	C16	Stomach	847	7.15	3.30	3.89
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	644	5.43	3.09	3.39
8	C53	Cervix uteri	651	5.49	2.81	3.20
9	C82-C85	Non-Hodgkin lymphoma	483	4.08	1.96	2.33
10	C91-C95	Leukemia	414	3.49	2.01	2.25
	C00-C97	All cancer sites	18,691	157.71	76.62	88.90

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".