

Incidence and mortality rates for the top 10 cancer in Taiwan, 2020

(ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 in 2020 (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	15,259	128.36 ^{7a}	75.83 ^{7a}	82.10 ^{7a}
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	16,829	71.43	35.85	40.52
3	C33-C34	Trachea, bronchus and lung	16,370	69.48	34.76	39.09
4	C61	Prostate gland	7,178	61.49 ^{7b}	29.34 ^{7b}	34.89 ^{7b}
5	C22	Liver and intrahepatic bile ducts	10,982	46.61	23.08	26.14
6	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	8,277	35.13	20.27	21.79
		Oral cavity	5,418	23.00	13.31	14.38
		Oropharynx	1,689	7.17	4.11	4.39
		Hypopharynx	1,170	4.97	2.84	3.03
7	C54	Corpus uteri	3,032	25.51 ^{7a}	15.11 ^{7a}	16.30 ^{7a}
8	C73	Thyroid gland	4,932	20.93	14.45	15.70
9	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,824	15.34 ^{7a}	9.95 ^{7a}	10.66 ^{7a}
10	C16	Stomach	4,257	18.07	8.65	9.90
	C00-C80	All cancer sites	121,979	517.71	280.00	311.34

Top 10 cancer incidence rates per 100,000 in 2020 (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	18,041	151.76 ^{7a}	90.25 ^{7a}	97.39 ^{7a}
	C50	Carcinoma in situ of the female breast	2,782	23.40 ^{7a}	14.42 ^{7a}	15.29 ^{7a}
	C50	Invasive carcinoma of the female breast	15,259	128.36 ^{7a}	75.83 ^{7a}	82.10 ^{7a}
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	21,129	89.68	45.61	51.14
3	C33-C34	Trachea, bronchus and lung	17,190	72.96	36.90	41.38
4	C61	Prostate gland	7,212	61.78 ^{7b}	29.48 ^{7b}	35.06 ^{7b}
5	C53	Cervix uteri	4,401	37.02 ^{7a}	25.63 ^{7a}	28.65 ^{7a}
	C53	Cervical carcinoma in situ	2,965	24.94 ^{7a}	18.63 ^{7a}	20.87 ^{7a}
	C53	Invasive cervical carcinoma	1,436	12.08 ^{7a}	7.00 ^{7a}	7.78 ^{7a}
6	C22	Liver and intrahepatic bile ducts	10,988	46.64	23.10	26.15
7	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	8,425	35.76	20.63	22.18
		Oral cavity	5,510	23.39	13.53	14.61
		Oropharynx	1,713	7.27	4.17	4.45
		Hypopharynx	1,202	5.10	2.92	3.11
8	C54	Corpus uteri	3,237	27.23 ^{7a}	16.40 ^{7a}	17.70 ^{7a}
9	C73	Thyroid gland	4,932	20.93	14.45	15.70
10	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,856	15.61 ^{7a}	10.15 ^{7a}	10.88 ^{7a}
	C00-C80	All Cancer sites	135,808	576.40	314.97	349.75

Top 10 cancer mortality rates per 100,000 in 2020

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	9,629	40.87	18.40	21.53
2	C22	Liver and intrahepatic bile ducts	7,773	32.99	15.21	17.74
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	6,489	27.54	12.29	14.44
4	C50	Female breast	2,655	22.33 ^{7a}	11.49 ^{7a}	12.68 ^{7a}
5	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	3,380	14.35	7.84	8.54
6	C61	Prostate gland	1,730	14.82 ^{7b}	5.95 ^{7b}	7.72 ^{7b}
7	C25	Pancreas	2,450	10.40	4.83	5.60
8	C16	Stomach	2,339	9.93	4.40	5.16
9	C15	Esophagus	1,954	8.29	4.50	4.86
10	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	724	6.09 ^{7a}	3.26 ^{7a}	3.61 ^{7a}
	C00-C97	All Cancer sites	50,161	212.90	100.45	115.94

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, 2020 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among males in 2020 (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	9,477	81.18	43.12	48.60
2	C33-C34	Trachea, bronchus and lung	8,877	76.04	39.16	44.66
3	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,474	64.02	38.14	40.94
		Oral cavity	4,829	41.37	24.82	26.73
		Oropharynx	1,521	13.03	7.67	8.18
		Hypopharynx	1,124	9.63	5.66	6.03
4	C22	Liver and intrahepatic bile ducts	7,617	65.25	34.96	39.11
5	C61	Prostate gland	7,178	61.49	29.34	34.89
6	C15	Esophagus	2,668	22.85	13.29	14.20
7	C16	Stomach	2,464	21.11	10.70	12.26
8	C44 ⁵	Skin	2,324	19.91	9.60	11.45
9	LEU	Leukemia	1,549	13.27	9.40	9.87
10	NHL	Non-Hodgkin lymphoma	1,719	14.73	8.53	9.52
	C00-C80	All cancer sites	63,893	547.32	300.04	336.19

Top 10 cancer incidence rates per 100,000 among males in 2020 (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	12,193	104.45	56.09	62.65
2	C33-C34	Trachea, bronchus and lung	9,114	78.07	40.42	46.02
3	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,603	65.13	38.80	41.64
		Oral cavity	4,904	42.01	25.19	27.13
		Oropharynx	1,544	13.23	7.79	8.30
		Hypopharynx	1,155	9.89	5.82	6.21
4	C22	Liver and intrahepatic bile ducts	7,617	65.25	34.96	39.11
5	C61	Prostate gland	7,212	61.78	29.48	35.06
6	C15	Esophagus	2,840	24.33	14.15	15.11
7	C67	Bladder	2,569	22.01	11.03	12.72
8	C44 ⁵	Skin	2,561	21.94	10.55	12.61
9	C16	Stomach	2,538	21.74	11.00	12.61
10	LEU	Leukemia	1,549	13.27	9.40	9.87
	C00-C80	All cancer sites	68,618	587.80	322.17	360.56

Top 10 cancer mortality rates per 100,000 among males in 2020

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	6,037	51.71	24.94	29.35
2	C22	Liver and intrahepatic bile ducts	5,296	45.37	23.09	26.53
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	3,636	31.15	15.08	17.73
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	3,137	26.87	15.33	16.67
5	C15	Esophagus	1,801	15.43	8.71	9.41
6	C61	Prostate gland	1,730	14.82	5.95	7.72
7	C16	Stomach	1,433	12.28	5.83	6.85
8	C25	Pancreas	1,349	11.56	5.82	6.72
9	C91-C95	Leukemia	717	6.14	3.43	3.88
10	C82-C85	Non-Hodgkin lymphoma	748	6.41	3.17	3.77
	C00-C97	All cancer sites	30,250	259.13	130.75	150.99

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, 2020 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among females in 2020 (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	15,259	128.36	75.83	82.10
2	C33-C34	Trachea, bronchus and lung	7,493	63.03	31.19	34.64
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	7,352	61.85	29.31	33.33
4	C73	Thyroid gland	3,715	31.25	21.61	23.46
5	C54	Corpus uteri	3,032	25.51	15.11	16.30
6	C22	Liver and intrahepatic bile ducts	3,365	28.31	12.16	14.30
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,824	15.34	9.95	10.66
8	C16	Stomach	1,793	15.08	6.87	7.88
9	C44 ⁴	Skin	1,908	16.05	6.58	7.83
10	C53	Cervix uteri	1,436	12.08	7.00	7.78
	C00-C80	All cancer sites	58,086	488.63	264.76	292.75

Top 10 cancer incidence rates per 100,000 among females in 2020 (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	18,041	151.76	90.25	97.39
	C50	Carcinoma in situ of the female breast	2,782	23.40	14.42	15.29
	C50	Invasive carcinoma of the female breast	15,259	128.36	75.83	82.10
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	8,936	75.17	36.12	40.82
3	C33-C34	Trachea, bronchus and lung	8,076	67.94	34.17	37.82
4	C53	Cervix uteri	4,401	37.02	25.63	28.65
	C53	Cervical carcinoma in situ	2,965	24.94	18.63	20.87
	C53	Invasive cervical carcinoma	1,436	12.08	7.00	7.78
5	C73	Thyroid gland	3,715	31.25	21.61	23.46
6	C54	Corpus uteri	3,237	27.23	16.40	17.70
7	C22	Liver and intrahepatic bile ducts	3,371	28.36	12.18	14.33
8	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,856	15.61	10.15	10.88
9	C44 ⁴	Skin	2,177	18.31	7.50	8.94
10	C16	Stomach	1,827	15.37	6.99	8.02
	C00-C80	All cancer sites	67,190	565.22	312.60	345.30

Top 10 cancer mortality rates per 100,000 among females in 2020

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	3,592	30.22	12.78	14.94
2	C50	Female breast	2,655	22.33	11.49	12.68
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	2,853	24.00	9.89	11.64
4	C22	Liver and intrahepatic bile ducts	2,477	20.84	8.07	9.86
5	C25	Pancreas	1,101	9.26	3.93	4.60
6	C16	Stomach	906	7.62	3.19	3.76
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	724	6.09	3.26	3.61
8	C53	Cervix uteri	668	5.62	2.71	3.06
9	C82-C85	Non-Hodgkin lymphoma	546	4.59	1.87	2.24
10	C91-C95	Leukemia	459	3.86	1.87	2.14
	C00-C97	All cancer sites	19,911	167.50	73.86	85.65

FOOTNOTE

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