

Incidence and mortality rates for the top 10 cancer in Taiwan, 2021

(ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 in 2021 (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	15,448	130.95 ^{7a}	76.15 ^{7a}	82.51 ^{7a}
2	C33-C34	Trachea, bronchus and lung	16,880	72.21	35.33	39.74
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	16,238	69.47	33.98	38.42
4	C61	Prostate gland	7,481	64.61 ^{7b}	29.70 ^{7b}	35.31 ^{7b}
5	C22	Liver and intrahepatic bile ducts	10,775	46.10	22.16	25.04
6	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	8,211	35.13	20.03	21.55
		Oral cavity	5,319	22.75	13.04	14.11
		Oropharynx	1,708	7.31	4.16	4.44
		Hypopharynx	1,184	5.07	2.83	3.01
7	C54	Corpus uteri	3,181	26.97 ^{7a}	15.75 ^{7a}	17.01 ^{7a}
8	C73	Thyroid gland	4,626	19.79	13.55	14.71
9	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,793	15.20 ^{7a}	9.45 ^{7a}	10.20 ^{7a}
10	C16	Stomach	4,060	17.37	8.14	9.31
	C00-C80	All cancer sites	121,762	520.90	275.90	306.46

Top 10 cancer incidence rates per 100,000 in 2021 (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	18,182	154.13 ^{7a}	90.36 ^{7a}	97.66 ^{7a}
	C50	Carcinoma in situ of the female breast	2,407	20.40 ^{7a}	15.33 ^{7a}	17.21 ^{7a}
	C50	Invasive carcinoma of the female breast	15,448	130.95 ^{7a}	76.15 ^{7a}	82.51 ^{7a}
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	19,678	84.18	41.61	46.77
3	C33-C34	Trachea, bronchus and lung	17,923	76.67	38.02	42.63
4	C61	Prostate gland	7,500	64.77 ^{7b}	29.78 ^{7b}	35.41 ^{7b}
5	C22	Liver and intrahepatic bile ducts	10,778	46.11	22.16	25.05
6	C53	Cervix uteri	3,717	31.51 ^{7a}	21.64 ^{7a}	24.25 ^{7a}
	C53	Cervical carcinoma in situ	2,407	20.40 ^{7a}	15.33 ^{7a}	17.21 ^{7a}
	C53	Invasive cervical carcinoma	1,310	11.10 ^{7a}	6.32 ^{7a}	7.04 ^{7a}
7	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	8,363	35.78	20.40	21.95
		Oral cavity	5,422	23.20	13.29	14.37
		Oropharynx	1,735	7.42	4.22	4.50
		Hypopharynx	1,206	5.16	2.89	3.07
8	C54	Corpus uteri	3,412	28.92 ^{7a}	17.16 ^{7a}	18.55 ^{7a}
9	C73	Thyroid gland	4,626	19.79	13.55	14.71
10	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,820	15.43 ^{7a}	9.64 ^{7a}	10.40 ^{7a}
	C00-C80	All Cancer sites	134,268	574.40	307.23	340.98

Top 10 cancer mortality rates per 100,000 in 2021

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	10,040	42.95	18.70	21.96
2	C22	Liver and intrahepatic bile ducts	7,970	34.10	15.20	17.74
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	6,657	28.48	12.28	14.46
4	C50	Female breast	2,913	24.69 ^{7a}	12.46 ^{7a}	13.77 ^{7a}
5	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	3,395	14.52	7.80	8.48
6	C61	Prostate gland	1,689	14.59 ^{7b}	5.75 ^{7b}	7.42 ^{7b}
7	C25	Pancreas	2,659	11.38	5.13	5.94
8	C15	Esophagus	2,030	8.68	4.61	4.99
9	C16	Stomach	2,310	9.88	4.24	4.99
10	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	696	5.90 ^{7a}	3.03 ^{7a}	3.33 ^{7a}
	C00-C97	All Cancer sites	51,656	220.99	101.43	117.12

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, 2021 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among males in 2021 (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	9,297	80.29	41.76	47.09
2	C33-C34	Trachea, bronchus and lung	8,961	77.39	39.09	44.54
3	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,387	63.80	37.62	40.38
		Oral cavity	4,694	40.54	24.12	26.01
		Oropharynx	1,541	13.31	7.80	8.30
		Hypopharynx	1,152	9.95	5.70	6.06
4	C22	Liver and intrahepatic bile ducts	7,448	64.33	33.61	37.59
5	C61	Prostate gland	7,481	64.61	29.70	35.31
6	C15	Esophagus	2,614	22.58	12.80	13.72
7	C16	Stomach	2,413	20.84	10.30	11.80
8	C44 ⁵	Skin	2,127	18.37	8.67	10.32
9	LEU	Leukemia	1,588	13.71	9.48	10.02
10	NHL	Non-Hodgkin lymphoma	1,727	14.92	8.37	9.36
	C00-C80	All cancer sites	63,723	550.35	295.47	330.75

Top 10 cancer incidence rates per 100,000 among males in 2021 (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	11,457	98.95	51.85	58.14
2	C33-C34	Trachea, bronchus and lung	9,236	79.77	40.52	46.11
3	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	7,522	64.96	38.29	41.10
		Oral cavity	4,782	41.30	24.55	26.48
		Oropharynx	1,567	13.53	7.92	8.44
		Hypopharynx	1,173	10.13	5.81	6.18
4	C22	Liver and intrahepatic bile ducts	7,450	64.34	33.62	37.60
5	C61	Prostate gland	7,500	64.77	29.78	35.41
6	C15	Esophagus	2,796	24.15	13.68	14.67
7	C67	Bladder	2,556	22.08	10.50	12.26
8	C16	Stomach	2,474	21.37	10.54	12.09
9	C44 ⁵	Skin	2,316	20.00	9.41	11.21
10	LEU	Leukemia	1,588	13.71	9.48	10.02
	C00-C80	All cancer sites	67,915	586.55	314.61	352.06

Top 10 cancer mortality rates per 100,000 among males in 2021

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	6,335	54.71	25.71	30.37
2	C22	Liver and intrahepatic bile ducts	5,411	46.73	23.13	26.57
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	3,816	32.96	15.54	18.25
4	C00-C14 ⁴	Oral cavity, oropharynx and hypopharynx	3,110	26.86	15.09	16.38
5	C15	Esophagus	1,869	16.14	8.94	9.67
6	C61	Prostate gland	1,689	14.59	5.75	7.42
7	C25	Pancreas	1,442	12.45	6.18	7.05
8	C16	Stomach	1,419	12.26	5.65	6.67
9	C82-C85	Non-Hodgkin lymphoma	754	6.51	3.14	3.70
10	C91-C95	Leukemia	678	5.86	3.21	3.68
	C00-C97	All cancer sites	31,121	268.78	132.41	152.84

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, 2021 (ranked by age-adjusted rate³)

Top 10 cancer incidence rates per 100,000 among females in 2021 (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	15,448	130.95	76.15	82.51
2	C33-C34	Trachea, bronchus and lung	7,919	67.13	32.32	35.96
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	6,941	58.84	26.96	30.67
4	C73	Thyroid gland	3,497	29.64	20.38	22.14
5	C54	Corpus uteri	3,181	26.97	15.75	17.01
6	C22	Liver and intrahepatic bile ducts	3,327	28.20	11.63	13.60
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,793	15.20	9.45	10.20
8	C44 ⁴	Skin	1,827	15.49	6.11	7.25
9	C16	Stomach	1,647	13.96	6.27	7.19
10	NHL	Non-Hodgkin lymphoma	1,438	12.19	6.41	7.09
	C00-C80	All cancer sites	58,039	492.00	261.05	288.36

Top 10 cancer incidence rates per 100,000 among females in 2021 (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	18,182	154.13	90.36	97.66
	C50	Carcinoma in situ of the female breast	2,734	23.18	14.21	15.15
	C50	Invasive carcinoma of the female breast	15,448	130.95	76.15	82.51
2	C33-C34	Trachea, bronchus and lung	8,687	73.64	36.20	40.11
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	8,221	69.69	32.34	36.58
4	C53	Cervix uteri	3,717	31.51	21.64	24.25
	C53	Cervical carcinoma in situ	2,407	20.40	15.33	17.21
	C53	Invasive cervical carcinoma	1,310	11.10	6.32	7.04
5	C73	Thyroid gland	3,497	29.64	20.38	22.14
6	C54	Corpus uteri	3,412	28.92	17.16	18.55
7	C22	Liver and intrahepatic bile ducts	3,328	28.21	11.63	13.60
8	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,820	15.43	9.64	10.40
9	C44 ⁴	Skin	2,054	17.41	6.82	8.15
10	C16	Stomach	1,690	14.33	6.40	7.34
	C00-C80	All cancer sites	66,353	562.47	304.62	336.24

Top 10 cancer mortality rates per 100,000 among females in 2021

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	3,705	31.41	12.68	14.86
2	C50	Female breast	2,913	24.69	12.46	13.77
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	2,841	24.08	9.45	11.21
4	C22	Liver and intrahepatic bile ducts	2,559	21.69	8.03	9.83
5	C25	Pancreas	1,217	10.32	4.17	4.92
6	C16	Stomach	891	7.55	3.06	3.61
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	696	5.90	3.03	3.33
8	C53	Cervix uteri	608	5.15	2.42	2.75
9	C82-C85	Non-Hodgkin lymphoma	594	5.04	2.04	2.44
10	C91-C95	Leukemia	472	4.00	2.03	2.28
	C00-C97	All cancer sites	20,535	174.08	74.30	86.30

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".