

# Incidence and mortality rates for the top 10 cancer in Taiwan, 2018

( ranked by age-adjusted rate<sup>3</sup>)

## Top 10 cancer incidence rates per 100,000 in 2018 (only invasive cancers)

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate <sup>2</sup>	Age-adjusted incidence rate <sup>3</sup>
1	C50	Female breast	14,217	119.71 <sup>7a</sup>	72.97 <sup>7a</sup>	78.86 <sup>7a</sup>
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	16,525	70.05	36.97	41.84
3	C33-C34	Trachea, bronchus and lung	15,345	65.05	34.39	38.75
4	C61	Prostate gland	6,644	56.72 <sup>7b</sup>	29.34 <sup>7b</sup>	34.69 <sup>7b</sup>
5	C22	Liver and intrahepatic bile ducts	11,342	48.08	25.45	28.63
6	C00-C14 <sup>4</sup>	Oral cavity, oropharynx and hypopharynx	8,170	34.63	20.87	22.45
		Oral cavity	5,344	22.65	13.71	14.78
		Oropharynx	1,617	6.85	4.12	4.42
		Hypopharynx	1,209	5.13	3.04	3.25
7	C54	Corpus uteri	2,787	23.47 <sup>7a</sup>	14.37 <sup>7a</sup>	15.48 <sup>7a</sup>
8	C73	Thyroid gland	4,445	18.84	13.15	14.27
9	C44 <sup>5</sup>	Skin	4,049	17.16	8.04	9.60
10	C16	Stomach	3,798	16.10	8.12	9.29
	C00-C80	All cancer sites	116,131	492.31	278.79	309.84

## Top 10 cancer incidence rates per 100,000 in 2018 (carcinoma in situ and invasive cancers)<sup>6</sup>

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate <sup>2</sup>	Age-adjusted incidence rate <sup>3</sup>
1	C50	Female breast	16,988	143.04 <sup>7a</sup>	87.86 <sup>7a</sup>	94.64 <sup>7a</sup>
	C50	Carcinoma in situ of the female breast	2,771	23.33 <sup>7a</sup>	14.89 <sup>7a</sup>	15.77 <sup>7a</sup>
	C50	Invasive carcinoma of the female breast	14,217	119.71 <sup>7a</sup>	72.97 <sup>7a</sup>	78.86 <sup>7a</sup>
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	21,130	89.58	47.87	53.73
3	C33-C34	Trachea, bronchus and lung	16,023	67.93	36.18	40.65
4	C61	Prostate gland	6,679	57.02 <sup>7b</sup>	29.49 <sup>7b</sup>	34.88 <sup>7b</sup>
5	C22	Liver and intrahepatic bile ducts	11,347	48.10	25.46	28.64
6	C53	Cervix uteri	4,322	36.39 <sup>7a</sup>	24.92 <sup>7a</sup>	27.83 <sup>7a</sup>
	C53	Cervical carcinoma in situ	2,889	24.33 <sup>7a</sup>	17.86 <sup>7a</sup>	19.98 <sup>7a</sup>
	C53	Invasive cervical carcinoma	1,433	12.07 <sup>7a</sup>	7.06 <sup>7a</sup>	7.85 <sup>7a</sup>
7	C00-C14 <sup>4</sup>	Oral cavity, oropharynx and hypopharynx	8,298	35.18	21.20	22.81
		Oral cavity	5,436	23.04	13.95	15.04
		Oropharynx	1,634	6.93	4.16	4.46
		Hypopharynx	1,228	5.21	3.09	3.30
8	C54	Corpus uteri	2,934	24.71 <sup>7a</sup>	15.27 <sup>7a</sup>	16.47 <sup>7a</sup>
9	C73	Thyroid gland	4,445	18.84	13.15	14.27
10	C44 <sup>5</sup>	Skin	4,510	19.12	8.94	10.70
	C00-C80	All Cancer sites	129,721	549.92	314.02	348.54

## Top 10 cancer mortality rates per 100,000 in 2018

Rank	ICD-10	Cancer site	Number of Cases	Crude Mortality rate	Age-adjusted mortality rate <sup>2</sup>	Age-adjusted mortality rate <sup>3</sup>
1	C33-C34	Trachea, bronchus and lung	9,388	39.80	19.16	22.46
2	C22	Liver and intrahepatic bile ducts	8,222	34.86	17.23	20.04
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	5,823	24.69	11.67	13.78
4	C50	Female breast	2,418	20.36 <sup>7a</sup>	11.24 <sup>7a</sup>	12.34 <sup>7a</sup>
5	C00-C14 <sup>4</sup>	Oral cavity, oropharynx and hypopharynx	3,027	12.83	7.42	8.06
6	C61	Prostate gland	1,377	11.76 <sup>7b</sup>	5.03 <sup>7b</sup>	6.52 <sup>7b</sup>
7	C25	Pancreas	2,292	9.72	4.80	5.53
8	C16	Stomach	2,299	9.75	4.60	5.41
9	C15	Esophagus	1,929	8.18	4.68	5.06
10	C53	Cervix uteri	653	5.50 <sup>7a</sup>	2.84 <sup>7a</sup>	3.20 <sup>7a</sup>
	C00-C97	All Cancer sites	48,784	206.81	104.20	120.11

### 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, 2018 (ranked by age-adjusted rate<sup>3</sup>)

## Top 10 cancer incidence rates per 100,000 among males in 2018 (only invasive cancers)

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate <sup>2</sup>	Age-adjusted incidence rate <sup>3</sup>
1	C18-C21	Colon, rectum, rectosigmoid junction and anus	9,512	81.21	45.27	51.17
2	C33-C34	Trachea, bronchus and lung	8,424	71.92	39.31	44.88
3	C22	Liver and intrahepatic bile ducts	7,819	66.76	38.03	42.33
4	C00-C14 <sup>4</sup>	Oral cavity, oropharynx and hypopharynx	7,400	63.18	39.22	42.15
		Oral cavity	4,755	40.60	25.35	27.28
		Oropharynx	1,478	12.62	7.78	8.37
		Hypopharynx	1,167	9.96	6.09	6.51
5	C61	Prostate gland	6,644	56.72	29.34	34.69
6	C15	Esophagus	2,579	22.02	13.23	14.25
7	C16	Stomach	2,334	19.93	10.65	12.18
8	C44 <sup>5</sup>	Skin	2,153	18.38	9.30	11.16
9	LEU	Leukemia	1,455	12.42	9.06	9.63
10	NHL	Non-Hodgkin lymphoma	1,512	12.91	7.74	8.64
	C00-C80	All cancer sites	61,779	527.44	304.75	341.30

## Top 10 cancer incidence rates per 100,000 among males in 2018 (carcinoma in situ and invasive cancers)<sup>6</sup>

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate <sup>2</sup>	Age-adjusted incidence rate <sup>3</sup>
1	C18-C21	Colon, rectum, rectosigmoid junction and anus	12,438	106.19	59.79	66.97
2	C33-C34	Trachea, bronchus and lung	8,607	73.48	40.32	45.95
3	C00-C14 <sup>4</sup>	Oral cavity, oropharynx and hypopharynx	7,511	64.13	39.82	42.79
		Oral cavity	4,831	41.25	25.78	27.73
		Oropharynx	1,494	12.76	7.86	8.45
		Hypopharynx	1,186	10.13	6.18	6.61
4	C22	Liver and intrahepatic bile ducts	7,820	66.76	38.03	42.34
5	C61	Prostate gland	6,679	57.02	29.49	34.88
6	C15	Esophagus	2,726	23.27	13.99	15.06
7	C16	Stomach	2,397	20.46	10.93	12.50
8	C44 <sup>5</sup>	Skin	2,387	20.38	10.31	12.37
9	C67	Bladder	2,363	20.17	10.63	12.32
10	LEU	Leukemia	1,455	12.42	9.06	9.63
	C00-C80	All cancer sites	66,505	567.79	327.87	366.84

## Top 10 cancer mortality rates per 100,000 among males in 2018

Rank	ICD-10	Cancer site	Number of Cases	Crude Mortality rate	Age-adjusted mortality rate <sup>2</sup>	Age-adjusted mortality rate <sup>3</sup>
1	C33-C34	Trachea, bronchus and lung	5,913	50.48	25.98	30.66
2	C22	Liver and intrahepatic bile ducts	5,576	47.61	25.88	29.61
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	3,340	28.52	14.57	17.19
4	C00-C14 <sup>4</sup>	Oral cavity, oropharynx and hypopharynx	2,779	23.73	14.26	15.48
5	C15	Esophagus	1,792	15.30	9.07	9.81
6	C16	Stomach	1,385	11.82	5.92	7.01
7	C61	Prostate gland	1,377	11.76	5.03	6.52
8	C25	Pancreas	1,220	10.42	5.58	6.36
9	C91-C95	Leukemia	636	5.43	3.43	3.82
10	C82-C85	Non-Hodgkin lymphoma	697	5.95	3.21	3.75
	C00-C97	All cancer sites	29,624	252.92	135.87	156.59

### 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, 2018 (ranked by age-adjusted rate<sup>3</sup>)

## Top 10 cancer incidence rates per 100,000 among females in 2018 (only invasive cancers)

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate <sup>2</sup>	Age-adjusted incidence rate <sup>3</sup>
1	C50	Female breast	14,217	119.71	72.97	78.86
2	C33-C34	Trachea, bronchus and lung	6,921	58.28	30.26	33.69
3	C18-C21	Colon, rectum, rectosigmoid junction and anus	7,013	59.05	29.50	33.55
4	C73	Thyroid gland	3,302	27.80	19.38	21.01
5	C22	Liver and intrahepatic bile ducts	3,523	29.66	13.79	16.02
6	C54	Corpus uteri	2,787	23.47	14.37	15.48
7	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,557	13.11	8.57	9.25
8	C44 <sup>4</sup>	Skin	1,896	15.96	6.93	8.27
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	54,352	457.66	257.60	284.66

## Top 10 cancer incidence rates per 100,000 among females in 2018 (carcinoma in situ and invasive cancers)<sup>5</sup>

Rank	ICD-O-3	Cancer site	Number of Cases	Crude Incidence rate	Age-adjusted incidence rate <sup>2</sup>	Age-adjusted incidence rate <sup>3</sup>
1	C50	Female breast	16,988	143.04	87.86	94.64
	C50	Carcinoma in situ of the female breast	2,771	23.33	14.89	15.77
	C50	Invasive carcinoma of the female breast	14,217	119.71	72.97	78.86
2	C18-C21	Colon, rectum, rectosigmoid junction and anus	8,692	73.19	37.06	41.87
3	C33-C34	Trachea, bronchus and lung	7,416	62.45	32.78	36.38
4	C53	Cervix uteri	4,322	36.39	24.92	27.83
	C53	Cervical carcinoma in situ	2,889	24.33	17.86	19.98
	C53	Invasive cervical carcinoma	1,433	12.07	7.06	7.85
5	C73	Thyroid gland	3,302	27.80	19.38	21.01
6	C54	Corpus uteri	2,934	24.71	15.27	16.47
7	C22	Liver and intrahepatic bile ducts	3,527	29.70	13.81	16.03
8	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	1,587	13.36	8.75	9.44
9	C44 <sup>4</sup>	Skin	2,123	17.88	7.76	9.27
10	C16	Stomach	1,502	12.65	6.01	6.94
	C00-C80	All cancer sites	63,216	532.30	304.93	336.59

## Top 10 cancer mortality rates per 100,000 among females in 2018

Rank	ICD-9	Cancer site	Number of Cases	Crude Mortality rate	Age-adjusted mortality rate <sup>2</sup>	Age-adjusted mortality rate <sup>3</sup>
1	C33-C34	Trachea, bronchus and lung	3,475	29.26	13.24	15.46
2	C50	Female breast	2,418	20.36	11.24	12.34
3	C22	Liver and intrahepatic bile ducts	2,646	22.28	9.31	11.35
4	C18-C21	Colon, rectum, rectosigmoid junction and anus	2,483	20.91	9.13	10.85
5	C25	Pancreas	1,072	9.03	4.07	4.76
6	C16	Stomach	914	7.70	3.46	4.06
7	C53	Cervix uteri	653	5.50	2.84	3.20
8	C56, C57.0-C57.4	Ovary, fallopian tube and broad ligament	624	5.25	2.87	3.18
9	C91-C95	Leukemia	460	3.87	2.13	2.37
10	C82-C85	Non-Hodgkin lymphoma	478	4.02	1.77	2.11
	C00-C97	All cancer sites	19,160	161.33	75.93	88.02

### 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. Basal cell is included in skin cancer.
5. Carcinoma in situ represents the fifth digit of morphology code is "2".