



**Average-annual NAACCR Combined Cancer  
Incidence Rates  
for the United States, Canada and North America**

**Age-Adjusted to the 2000 U.S. and  
World Population Standard**





## TABLE OF CONTENTS

### Average-annual Age-adjusted NAACCR Combined Cancer Incidence Rates for the United States, Canada and North America

<i>Map: Registries included in U.S. Combined Incidence for All Races</i> .....	1
Combined Registries, All Races (2000 U.S. and World populations).....	2
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
All Races, Males (World population) .....	3
All Races, Females (World population).....	5
<i>Map: Registries included in U.S. Combined Incidence for White</i> .....	7
Combined Registries, White (2000 U.S. and World populations) .....	8
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
White, Males (World population) .....	9
White, Females (World population).....	11
<i>Map: Registries included in U.S. Combined Incidence for Black</i> .....	13
Combined Registries, Black (2000 U.S. and World populations).....	14
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
Black, Males (World population).....	15
Black, Females (World population) .....	17
<i>Map: Registries included in U.S. Combined Incidence for Asian/Pacific Islander</i> .....	19
Combined Registries, Asian/Pacific Islander (2000 U.S. and World populations) .....	20
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
Asian/Pacific Islander, Males (World population).....	21
Asian/Pacific Islander, Females (World population) .....	23
<i>Map: Selected PRCDA Counties included in U.S. Combined Incidence for American Indian/Alaskan Native</i> .....	25
Combined Registries, American Indian/Alaskan Native (2000 U.S. and World populations).....	26
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
American Indian/Alaskan Native, Males (World population).....	27
American Indian/Alaskan Native, Females (World population) .....	29
Combined Registries, Hispanic/Latino (2000 U.S. and World populations).....	31
Combined Registries, Non-Hispanic White (2000 U.S. and World populations) .....	32
Combined Registries, Non-Hispanic Black (2000 U.S. and World populations).....	33
<i>Map: Registries included in Canadian Combined Incidence for All Races</i> .....	35
Combined Registries, All Races (2000 U.S. and World populations).....	36
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
All Races, Males (2000 U.S. and World populations) .....	37
All Races, Females (2000 U.S. and World populations).....	38
<i>Map: Registries included in North American Combined Incidence for All Races</i> .....	39
Combined Registries, All Races (2000 U.S. and World populations).....	40
Five Most Commonly Diagnosed Cancers, Incidence Rates by Registry,	
All Races, Males (World population) .....	41
All Races, Females (World population).....	43
<i>Map: Registries included in U.S. Pediatric Cancer Incidence</i> .....	46
Age-adjusted Rates (2000 U.S. and World populations) (Ages 0-14, Ages 0-19)	
All Races, Males .....	47
All Races, Females.....	48
White, Males .....	49
White, Females .....	50
Black, Males .....	51
Black, Females .....	52
Asian/Pacific Islander, Males.....	53
Asian/Pacific Islander, Females .....	54
American Indian/Alaskan Native, Males .....	55
American Indian/Alaskan Native, Females.....	56
Hispanic/Latino, All Races, Males.....	57
Hispanic/Latina, All Races, Females .....	58
Non-Hispanic White, Males.....	59
Non-Hispanic White, Females .....	60
Non-Hispanic Black, Males .....	61
Non-Hispanic Black, Females.....	62

## Contents

<i>Map: Registries included in Canadian Pediatric Cancer Incidence</i> .....	64
Age-adjusted Rates (2000 U.S. and World populations) (Ages 0-14, Ages 0-19)	
All Races, Males.....	65
All Races, Females .....	66
<i>Map: Registries included in North American Pediatric Cancer Incidence</i> .....	68
Age-adjusted Rates (2000 U.S. and World populations) (Ages 0-14, Ages 0-19)	
All Races, Males.....	69
All Races, Females .....	70

**All Appendices are available on the NAACCR website:**

**<https://www.naacr.org/cancer-in-north-america-cina-volumes/#Appendices>**



# NAACCR U.S. Combined Incidence 2012-2016, All Races Combined



**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\***  
**NAACCR United States Combined, 2012-2016, All Races**

SITES	MALES (ALL RACES)					FEMALES (ALL RACES)				
	Count	Adj. Rate		Adj. Rate		Count	Adj. Rate		Adj. Rate	
		2000 U.S.	S.E.	World	S.E.		2000 U.S.	S.E.	World	S.E.
All Sites (invasive & in situ bladder)	4,123,929	488.5	0.25	362.2	0.18	4,068,852	420.0	0.21	325.5	0.17
Oral Cavity & Pharynx	156,223	17.8	0.05	14.0	0.04	63,249	6.4	0.03	5.0	0.02
Lip	7,228	0.9	0.01	0.6	0.01	2,809	0.3	0.01	0.2	0.00
Tongue	49,220	5.5	0.03	4.4	0.02	19,069	1.9	0.01	1.5	0.01
Major salivary gland	13,372	1.7	0.01	1.2	0.01	9,490	1.0	0.01	0.8	0.01
Floor of mouth	6,873	0.8	0.01	0.6	0.01	3,187	0.3	0.01	0.2	0.00
Gum & other mouth	16,240	1.9	0.02	1.4	0.01	12,805	1.3	0.01	0.9	0.01
Nasopharynx	6,591	0.8	0.01	0.7	0.01	2,697	0.3	0.01	0.2	0.01
Oropharynx	8,064	0.9	0.01	0.7	0.01	2,308	0.2	0.00	0.2	0.00
Hypopharynx	9,444	1.1	0.01	0.8	0.01	2,265	0.2	0.00	0.2	0.00
Digestive System	818,022	96.9	0.11	71.2	0.08	649,150	64.9	0.08	47.1	0.06
Esophagus	67,283	7.8	0.03	5.8	0.02	18,003	1.8	0.01	1.3	0.01
Stomach	74,166	9.0	0.03	6.4	0.02	45,801	4.6	0.02	3.4	0.02
Small intestine	23,257	2.8	0.02	2.1	0.01	20,605	2.1	0.01	1.6	0.01
Colon excl. rectum	250,506	30.4	0.06	21.8	0.04	251,925	25.3	0.05	17.9	0.04
Rectum & rectosigmoid	120,192	14.1	0.04	10.8	0.03	84,707	8.7	0.03	6.8	0.02
Anus, anal canal & anorectum	12,650	1.5	0.01	1.2	0.01	22,499	2.2	0.02	1.8	0.01
Liver	104,267	11.4	0.04	9.1	0.03	34,821	3.4	0.02	2.6	0.01
Gallbladder	6,535	0.8	0.01	0.5	0.01	13,814	1.4	0.01	1.0	0.01
Pancreas	121,124	14.5	0.04	10.3	0.03	114,283	11.2	0.03	7.8	0.02
Respiratory System	631,778	75.6	0.10	53.2	0.07	537,748	53.1	0.07	38.2	0.05
Larynx	50,018	5.7	0.03	4.3	0.02	12,852	1.3	0.01	1.0	0.01
Lung & bronchus	572,045	68.7	0.09	47.9	0.06	518,952	51.2	0.07	36.7	0.05
Bones & Joints	8,935	1.1	0.01	1.1	0.01	6,853	0.8	0.01	0.8	0.01
Soft Tissue (incl. heart)	31,983	4.0	0.02	3.2	0.02	25,590	2.8	0.02	2.4	0.02
Skin (excl. basal & sq.)	246,559	30.1	0.06	21.9	0.05	170,486	18.4	0.05	14.9	0.04
Melanomas of the skin	228,070	27.8	0.06	20.3	0.04	158,501	17.1	0.04	14.0	0.04
Breast (excl. <i>in situ</i> )	10,720	1.3	0.01	0.9	0.01	1,195,996	124.9	0.12	98.8	0.09
Female Genital System	-	-	-	-	-	484,032	50.0	0.07	40.5	0.06
Cervix uteri	-	-	-	-	-	63,918	7.6	0.03	6.7	0.03
Uterus Corpus	-	-	-	-	-	258,790	25.8	0.05	21.0	0.04
Uterus, NOS <sup>1</sup>	-	-	-	-	-	8,955	0.9	0.01	0.7	0.01
Ovary	-	-	-	-	-	106,917	11.1	0.03	8.8	0.03
Male Genital System	994,779	111.4	0.11	86.5	0.09	-	-	-	-	-
Prostate	942,459	104.7	0.11	80.0	0.08	-	-	-	-	-
Testis	43,191	5.6	0.03	5.7	0.03	-	-	-	-	-
Penis	7,223	0.9	0.01	0.6	0.01	-	-	-	-	-
Urinary System	480,701	58.6	0.09	41.2	0.06	205,146	20.6	0.05	15.2	0.04
Bladder (incl. <i>in situ</i> )	279,214	34.8	0.07	23.0	0.04	87,964	8.6	0.03	5.9	0.02
Kidney & renal pelvis	191,122	22.4	0.05	17.3	0.04	111,404	11.5	0.04	9.0	0.03
Ureter	6,263	0.8	0.01	0.5	0.01	3,884	0.4	0.01	0.2	0.00
Eye & Orbit	8,177	1.0	0.01	0.8	0.01	6,942	0.7	0.01	0.6	0.01
Brain & Other CNS <sup>1</sup>	62,361	7.6	0.03	6.5	0.03	49,841	5.5	0.03	4.8	0.02
Brain	58,865	7.2	0.03	6.1	0.03	46,297	5.1	0.02	4.4	0.02
Endocrine System	67,858	8.2	0.03	7.1	0.03	189,516	22.4	0.05	20.1	0.05
Thyroid gland	61,156	7.4	0.03	6.3	0.03	183,460	21.7	0.05	19.5	0.05
Lymphomas	213,065	26.1	0.06	20.0	0.04	175,775	18.3	0.04	14.2	0.04
Hodgkin Lymphoma	23,888	3.0	0.02	2.8	0.02	19,200	2.3	0.02	2.3	0.02
Non-Hodgkin Lymphoma	189,177	23.1	0.05	17.1	0.04	156,575	16.0	0.04	11.9	0.03
Multiple Myeloma	69,946	8.4	0.03	6.0	0.02	55,171	5.5	0.02	4.0	0.02
Leukemias	145,518	18.1	0.05	13.7	0.04	104,466	11.0	0.03	8.7	0.03
Acute lymphocytic	14,332	1.9	0.02	2.0	0.02	11,102	1.4	0.01	1.6	0.02
Chronic lymphocytic	53,449	6.5	0.03	4.5	0.02	34,183	3.3	0.02	2.3	0.01
Acute myeloid	41,541	5.2	0.03	3.8	0.02	33,226	3.5	0.02	2.7	0.02
Chronic myeloid	19,156	2.4	0.02	1.8	0.01	13,961	1.5	0.01	1.2	0.01
Other leukemias	17,040	2.1	0.02	1.5	0.01	11,994	1.2	0.01	0.9	0.01
Mesothelioma	12,237	1.6	0.01	1.0	0.01	3,951	0.4	0.01	0.3	0.00
Kaposi Sarcoma	5,157	0.7	0.01	0.6	0.01	652	0.1	0.00	0.0	0.00
Ill-defined & Unknown	159,910	20.1	0.05	13.5	0.03	144,288	14.3	0.04	9.8	0.03
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malignant)	70,267	8.7	0.03	6.9	0.03	143,298	15.2	0.04	12.1	0.03
Breast ( <i>in situ</i> )	1,185	0.1	0.00	0.1	0.00	283,165	30.0	0.06	24.4	0.05

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers**  
**Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, All Races, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Bladder			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>4,123,929</b>	<b>362.2</b>	<b>0.18</b>	<b>942,459</b>	<b>80.0</b>	<b>0.08</b>	<b>572,045</b>	<b>47.9</b>	<b>0.06</b>	<b>370,698</b>	<b>32.6</b>	<b>0.05</b>	<b>279,214</b>	<b>23.0</b>	<b>0.04</b>	<b>228,070</b>	<b>20.3</b>	<b>0.04</b>
Alabama	68,627	389.7	1.52	16,808	91.4	0.71	11,538	62.5	0.59	6,579	38.0	0.48	4,094	22.0	0.35	3,563	20.7	0.36
Alaska	7,110	313.7	3.82	1,459	60.5	1.62	972	43.6	1.44	721	31.6	1.21	470	21.9	1.03	271	12.5	0.78
Arizona	76,377	301.3	1.13	15,265	58.3	0.48	10,019	36.3	0.37	6,998	27.9	0.34	5,894	20.9	0.28	5,386	21.2	0.30
Arkansas	43,912	398.9	1.95	9,792	85.3	0.87	8,150	70.3	0.79	4,095	38.0	0.61	2,743	23.2	0.45	2,206	20.4	0.45
California	407,532	319.9	0.51	92,173	70.9	0.23	42,293	31.9	0.16	37,832	29.5	0.15	26,102	19.3	0.12	27,695	21.6	0.13
CA: Greater California	232,564	327.5	0.69	51,741	71.1	0.31	24,795	33.4	0.21	21,016	29.6	0.21	15,277	20.3	0.17	17,246	24.2	0.19
CA: Greater Bay Area	80,111	321.2	1.15	18,397	72.2	0.53	8,035	30.9	0.35	7,123	28.4	0.34	4,969	18.7	0.27	6,133	24.5	0.32
CA: Los Angeles	94,855	302.0	0.99	22,035	69.5	0.47	9,463	29.2	0.30	9,692	30.4	0.31	5,857	17.7	0.23	4,315	13.6	0.21
Colorado	56,306	313.1	1.34	13,524	71.9	0.62	5,686	30.8	0.41	4,817	26.9	0.39	3,947	21.4	0.34	3,631	20.4	0.34
Connecticut	50,903	374.4	1.71	11,697	83.4	0.78	6,499	45.3	0.57	4,130	30.3	0.49	4,366	29.7	0.46	2,589	19.1	0.39
Delaware	14,870	407.6	3.44	3,743	99.6	1.64	2,101	54.3	1.20	1,133	31.3	0.96	1,123	28.4	0.86	1,042	28.7	0.92
Florida	315,220	371.0	0.70	63,670	73.0	0.30	44,686	48.7	0.24	26,305	31.3	0.20	21,423	22.0	0.16	20,363	23.5	0.17
Georgia	125,958	395.4	1.12	30,959	93.7	0.53	18,558	57.0	0.42	11,617	36.5	0.34	6,923	21.5	0.26	8,179	26.0	0.29
Hawaii	17,728	322.6	2.51	3,632	62.6	1.05	2,320	39.4	0.84	1,967	36.8	0.86	955	15.8	0.52	1,133	21.3	0.66
Idaho	20,326	342.7	2.46	4,845	78.1	1.13	2,357	37.2	0.77	1,673	28.6	0.71	1,526	24.1	0.62	1,405	24.6	0.68
Illinois	167,091	374.8	0.93	38,543	84.1	0.43	24,225	52.2	0.34	16,392	36.4	0.29	11,514	24.5	0.23	7,827	17.8	0.21
Indiana	85,879	369.4	1.28	16,781	69.3	0.54	15,005	62.1	0.51	8,233	35.3	0.40	6,199	25.3	0.32	4,108	18.1	0.29
Iowa	45,611	385.1	1.86	9,804	79.6	0.81	6,579	52.3	0.66	4,298	36.2	0.57	3,236	25.0	0.45	2,582	22.8	0.47
Kansas	38,091	371.1	1.95	8,695	82.1	0.89	5,050	46.8	0.67	3,419	33.3	0.58	2,748	24.8	0.48	2,304	22.9	0.49
Kentucky	68,826	430.3	1.67	13,407	79.8	0.69	13,221	79.3	0.69	6,762	42.5	0.53	4,329	25.8	0.40	3,819	24.5	0.41
Louisiana	66,405	419.2	1.65	16,687	101.5	0.79	9,935	60.7	0.61	6,377	40.4	0.51	3,594	21.9	0.37	2,697	17.4	0.34
Maine	21,683	371.8	2.65	4,158	66.5	1.04	3,616	58.6	0.99	1,752	30.4	0.76	1,922	30.6	0.71	1,233	21.6	0.65
Maryland	74,791	364.3	1.35	20,104	94.8	0.67	9,381	44.3	0.46	6,063	29.6	0.38	5,199	24.2	0.34	4,527	22.2	0.34
Massachusetts	85,746	349.3	1.22	19,550	77.0	0.55	11,775	45.6	0.42	7,063	28.6	0.35	6,552	24.9	0.31	4,637	19.0	0.29
Michigan	136,528	363.4	1.01	32,547	83.0	0.46	20,353	51.4	0.36	11,529	30.9	0.30	10,241	25.5	0.26	6,299	17.3	0.23
MI: Metropolitan Detroit	56,999	410.3	1.76	14,407	100.5	0.84	8,072	55.8	0.63	4,858	34.9	0.51	4,028	27.4	0.44	2,266	16.5	0.36
Minnesota	73,379	369.4	1.40	16,798	81.5	0.63	8,906	42.8	0.46	6,079	30.6	0.40	5,182	24.5	0.35	5,163	26.7	0.38
Mississippi	42,377	411.2	2.03	10,514	98.3	0.96	7,610	71.2	0.82	4,362	42.9	0.66	2,246	20.9	0.44	1,690	16.9	0.42
Missouri	82,360	367.0	1.31	16,715	71.7	0.56	14,240	60.3	0.51	7,818	35.0	0.41	5,565	23.1	0.31	3,997	18.4	0.30



**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, All Races, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Bladder			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	15,505	359.6	3.01	3,937	85.3	1.38	1,757	37.6	0.91	1,363	32.1	0.91	1,133	24.4	0.74	944	23.5	0.81
Nebraska	24,694	366.6	2.39	5,876	84.3	1.11	3,316	46.7	0.82	2,415	35.8	0.75	1,663	22.9	0.57	1,313	20.2	0.57
New Hampshire	20,222	377.4	2.75	4,760	83.3	1.21	2,648	46.6	0.92	1,625	30.9	0.79	1,748	30.9	0.75	1,400	26.2	0.72
New Jersey	125,086	389.5	1.12	32,553	99.1	0.55	14,286	42.5	0.36	11,054	34.1	0.33	9,149	26.7	0.28	6,584	20.4	0.26
New Mexico	22,444	289.8	1.99	4,927	60.1	0.86	2,577	30.7	0.61	2,142	28.0	0.62	1,435	16.9	0.45	1,117	14.5	0.45
New York	275,691	394.0	0.77	68,832	95.9	0.37	34,119	46.5	0.25	22,925	32.6	0.22	19,943	26.6	0.19	11,757	16.8	0.16
North Carolina	136,261	388.3	1.07	32,581	89.1	0.50	21,925	59.8	0.41	11,051	31.9	0.31	8,579	23.2	0.25	8,542	24.8	0.27
North Dakota	9,777	368.4	3.83	2,438	89.2	1.82	1,274	45.3	1.29	1,012	38.5	1.25	688	24.0	0.94	489	19.7	0.92
Ohio	161,641	373.0	0.95	35,789	79.0	0.42	26,089	57.5	0.36	15,053	34.7	0.29	11,921	25.7	0.24	8,684	20.7	0.23
Oklahoma	50,695	369.7	1.67	10,266	72.1	0.72	8,501	59.0	0.65	4,900	36.3	0.53	3,351	22.9	0.40	2,819	20.6	0.40
Oregon	51,707	334.9	1.52	11,218	68.6	0.65	6,719	40.7	0.50	4,289	28.1	0.44	4,004	24.0	0.38	3,528	23.5	0.41
Pennsylvania	196,533	391.5	0.91	42,135	81.1	0.40	27,960	52.3	0.32	17,734	35.1	0.27	15,428	28.2	0.23	10,993	22.4	0.22
Puerto Rico	41,560	309.4	1.58	15,416	108.6	0.89	2,427	16.6	0.35	5,218	38.6	0.55	1,660	11.0	0.28	440	3.4	0.17
Rhode Island	14,606	370.0	3.16	3,056	75.2	1.37	2,256	54.4	1.16	1,103	27.5	0.85	1,260	29.8	0.86	834	21.3	0.76
South Carolina	69,319	383.7	1.49	16,859	88.6	0.69	11,034	58.3	0.56	5,857	33.3	0.45	4,206	22.1	0.34	3,912	22.1	0.36
South Dakota	11,676	362.4	3.46	2,837	85.1	1.61	1,589	45.9	1.17	1,094	33.7	1.05	775	22.2	0.82	623	20.3	0.85
Tennessee	92,229	389.3	1.31	21,065	84.7	0.59	16,434	66.4	0.52	8,049	34.4	0.39	5,760	23.1	0.31	4,430	19.1	0.29
Texas	271,329	333.3	0.64	57,959	69.4	0.29	36,223	43.6	0.23	27,116	33.2	0.20	14,650	17.6	0.15	10,132	12.5	0.12
Utah	26,176	327.3	2.03	6,904	85.6	1.03	1,760	21.5	0.51	1,949	24.6	0.56	1,592	19.2	0.48	2,951	37.2	0.69
Vermont	9,075	349.0	3.83	1,802	63.9	1.52	1,335	48.7	1.36	703	27.1	1.06	707	25.6	0.98	829	32.3	1.18
Virginia	95,990	331.6	1.08	22,734	75.8	0.50	14,455	48.2	0.40	8,453	29.3	0.32	6,078	20.2	0.26	5,224	18.2	0.25
Washington	89,368	351.7	1.20	20,128	75.6	0.54	11,049	41.7	0.40	7,328	29.1	0.35	6,554	24.5	0.31	5,727	23.0	0.31
WA: Seattle/Puget Sound	63,914	372.0	1.50	14,673	81.9	0.68	7,452	41.9	0.49	5,210	30.6	0.43	4,588	25.6	0.38	4,338	25.6	0.39
West Virginia	29,697	382.8	2.31	5,772	69.3	0.92	5,651	68.2	0.92	2,938	38.4	0.73	2,203	26.4	0.57	1,414	19.3	0.54
Wisconsin	82,079	373.8	1.34	18,959	82.7	0.60	10,852	46.9	0.46	6,712	30.6	0.38	6,096	25.9	0.34	4,625	21.6	0.33
Wyoming	6,933	315.4	3.88	1,786	76.1	1.81	734	31.8	1.18	601	27.6	1.15	538	23.3	1.02	413	19.3	0.98

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers**  
**Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, All Races, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Thyroid		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>4,068,852</b>	<b>325.5</b>	<b>0.17</b>	<b>1,195,996</b>	<b>98.8</b>	<b>0.09</b>	<b>518,952</b>	<b>36.7</b>	<b>0.05</b>	<b>336,632</b>	<b>24.7</b>	<b>0.05</b>	<b>267,745</b>	<b>21.6</b>	<b>0.04</b>	<b>183,460</b>	<b>19.5</b>	<b>0.05</b>
Alabama	61,923	314.1	1.34	18,606	97.0	0.75	8,292	37.3	0.42	5,978	28.5	0.39	3,108	15.7	0.29	1,800	12.1	0.30
Alaska	6,808	313.5	3.87	2,108	96.3	2.14	771	34.2	1.25	649	29.6	1.18	448	19.9	0.96	324	16.7	0.95
Arizona	75,862	288.6	1.12	23,036	90.1	0.63	9,592	30.7	0.32	5,953	20.6	0.29	4,720	18.7	0.28	3,838	20.0	0.34
Arkansas	38,842	327.4	1.77	10,767	93.1	0.95	6,185	46.4	0.61	3,585	28.1	0.50	2,185	19.0	0.43	1,347	15.4	0.44
California	418,675	298.0	0.48	130,377	95.7	0.27	41,818	26.2	0.13	34,460	22.7	0.13	28,539	20.7	0.13	19,623	17.4	0.13
CA: Greater California	234,506	304.5	0.66	71,948	96.1	0.37	25,059	28.6	0.19	19,033	22.9	0.17	15,367	20.3	0.17	10,911	17.8	0.18
CA: Greater Bay Area	81,742	297.8	1.09	26,333	99.6	0.63	7,917	25.1	0.29	6,447	21.8	0.29	5,682	20.8	0.28	3,352	15.5	0.28
CA: Los Angeles	102,430	284.4	0.92	32,095	91.8	0.52	8,844	21.9	0.24	8,981	23.0	0.25	7,491	21.5	0.25	5,360	17.9	0.25
Colorado	57,201	299.3	1.30	18,626	99.0	0.74	5,949	27.8	0.37	4,425	21.7	0.34	3,534	18.1	0.31	3,141	20.5	0.38
Connecticut	53,312	349.4	1.63	16,183	111.1	0.92	6,923	39.5	0.50	4,002	23.3	0.40	3,588	23.4	0.40	2,738	25.5	0.52
Delaware	14,147	357.7	3.23	4,139	107.2	1.76	2,059	45.4	1.03	1,018	23.9	0.81	969	24.3	0.82	644	23.2	0.97
Florida	294,358	325.4	0.66	79,966	93.4	0.36	39,610	37.1	0.20	23,446	23.4	0.17	17,393	19.6	0.16	10,239	16.6	0.18
Georgia	119,059	325.7	0.97	35,902	99.6	0.54	14,733	36.8	0.31	10,180	26.7	0.27	6,894	18.7	0.23	4,825	16.0	0.24
Hawaii	17,909	319.7	2.58	5,948	110.6	1.52	1,755	25.8	0.65	1,619	26.6	0.72	1,326	25.6	0.74	828	20.4	0.74
Idaho	19,293	322.8	2.45	5,705	97.2	1.34	2,213	32.3	0.71	1,492	23.5	0.64	1,223	20.6	0.61	983	22.0	0.73
Illinois	171,324	341.1	0.87	50,495	104.5	0.48	22,905	40.6	0.28	14,876	26.8	0.23	11,920	24.0	0.23	7,739	20.4	0.24
Indiana	85,330	332.2	1.20	24,006	96.2	0.65	12,706	44.6	0.41	7,721	27.2	0.33	5,656	22.4	0.31	3,134	16.6	0.31
Iowa	43,419	344.5	1.80	11,788	98.1	0.97	5,601	39.0	0.55	4,054	27.7	0.48	3,123	25.1	0.47	1,678	19.4	0.50
Kansas	36,520	335.6	1.87	10,645	99.9	1.02	4,557	37.1	0.57	3,065	25.5	0.50	2,282	21.5	0.47	1,842	22.8	0.55
Kentucky	65,903	375.3	1.55	17,184	99.9	0.80	11,210	57.3	0.56	5,899	31.3	0.43	3,829	22.6	0.38	2,692	20.5	0.42
Louisiana	58,090	329.3	1.43	16,991	98.4	0.79	7,747	39.6	0.46	5,447	29.6	0.42	2,842	16.3	0.31	2,565	18.4	0.38
Maine	21,818	354.0	2.64	5,866	99.3	1.40	3,357	47.6	0.86	1,657	24.2	0.66	1,570	25.2	0.67	859	20.6	0.77
Maryland	77,430	328.4	1.24	23,962	104.5	0.70	9,559	36.2	0.38	6,080	24.1	0.33	5,269	22.2	0.31	3,640	19.8	0.34
Massachusetts	94,863	340.2	1.18	29,170	109.2	0.67	13,290	42.0	0.38	7,030	22.8	0.29	6,474	23.2	0.30	5,154	24.9	0.36
Michigan	133,705	328.3	0.96	38,573	97.9	0.53	19,053	41.4	0.31	10,819	24.1	0.25	9,494	23.3	0.25	5,201	17.9	0.26
MI: Metropolitan Detroit	57,038	355.1	1.58	16,374	105.7	0.86	8,148	45.0	0.52	4,819	27.3	0.42	3,832	24.1	0.40	2,585	21.9	0.45
Minnesota	71,590	340.1	1.35	20,965	102.9	0.74	8,740	37.1	0.41	5,728	24.2	0.34	5,223	24.7	0.35	2,759	17.8	0.35
Mississippi	37,237	321.6	1.75	10,524	93.7	0.95	5,463	42.4	0.59	3,797	30.7	0.52	2,018	17.6	0.41	1,281	14.3	0.42
Missouri	82,373	334.3	1.24	24,278	102.4	0.69	12,846	46.3	0.42	6,982	25.7	0.33	5,197	21.4	0.31	2,846	15.7	0.31

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, All Races, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Thyroid		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	14,002	331.9	3.04	4,021	97.3	1.64	1,907	38.5	0.91	1,093	24.1	0.79	895	21.0	0.74	546	19.0	0.87
Nebraska	23,457	328.8	2.30	6,840	98.6	1.26	2,931	36.3	0.70	2,162	26.8	0.63	1,541	22.3	0.59	1,010	19.3	0.63
New Hampshire	20,423	361.9	2.72	6,314	114.4	1.52	2,846	44.7	0.86	1,486	23.8	0.67	1,500	26.0	0.70	898	22.8	0.82
New Jersey	129,517	351.2	1.04	37,550	106.1	0.57	15,469	36.7	0.31	10,713	26.0	0.27	9,360	25.4	0.27	6,931	25.5	0.32
New Mexico	23,136	285.2	2.00	7,090	88.2	1.10	2,340	24.2	0.52	1,872	21.7	0.53	1,560	19.9	0.53	1,288	21.7	0.63
New York	281,944	351.2	0.70	79,658	103.7	0.38	34,896	38.2	0.21	21,981	24.6	0.18	20,449	25.5	0.18	15,688	26.3	0.22
North Carolina	131,921	332.1	0.96	40,474	104.7	0.54	18,272	41.1	0.31	10,112	24.1	0.25	7,988	20.1	0.23	4,893	16.1	0.24
North Dakota	8,847	329.8	3.78	2,567	100.6	2.11	1,116	36.9	1.16	829	27.2	1.03	541	20.6	0.93	479	24.5	1.17
Ohio	162,651	340.4	0.91	46,794	100.4	0.49	23,199	43.2	0.29	14,047	26.4	0.24	11,484	24.2	0.24	7,026	20.6	0.26
Oklahoma	48,492	328.4	1.58	13,774	95.6	0.85	7,049	42.3	0.52	4,313	27.3	0.44	2,652	18.4	0.37	1,945	17.3	0.41
Oregon	52,242	321.8	1.51	15,682	98.5	0.83	6,699	35.5	0.45	3,923	22.1	0.38	3,647	22.7	0.39	2,123	18.2	0.41
Pennsylvania	198,768	359.4	0.88	55,393	104.2	0.47	25,923	40.7	0.27	16,565	26.2	0.23	14,448	26.3	0.23	10,291	27.0	0.28
Puerto Rico	38,137	263.3	1.46	10,916	75.0	0.76	1,551	8.6	0.23	4,301	25.7	0.42	3,172	22.5	0.42	4,430	40.0	0.63
Rhode Island	16,207	364.8	3.10	4,659	109.7	1.70	2,404	47.5	1.01	1,148	22.9	0.74	1,106	24.9	0.78	793	25.0	0.93
South Carolina	64,330	322.7	1.35	19,859	102.2	0.76	8,703	38.6	0.43	5,246	25.0	0.37	3,834	19.1	0.32	2,244	14.9	0.33
South Dakota	10,895	332.0	3.45	3,235	103.2	1.94	1,410	38.4	1.07	1,000	26.4	0.92	715	22.0	0.87	413	17.9	0.93
Tennessee	86,232	329.5	1.19	24,911	97.2	0.64	13,233	45.4	0.41	7,384	26.3	0.32	5,052	19.6	0.29	3,285	16.8	0.31
Texas	264,143	293.1	0.59	78,441	88.8	0.32	30,069	30.5	0.18	22,136	23.3	0.16	15,927	18.1	0.15	12,328	16.2	0.15
Utah	24,560	294.5	1.92	7,413	90.1	1.06	1,489	16.4	0.43	1,700	19.7	0.49	1,800	21.8	0.52	1,909	25.9	0.60
Vermont	9,315	342.2	3.86	2,746	104.0	2.12	1,287	41.0	1.18	721	23.5	0.97	767	27.6	1.04	338	18.6	1.08
Virginia	99,401	309.4	1.03	31,723	101.4	0.59	12,901	36.0	0.32	8,026	23.2	0.27	6,476	20.1	0.26	4,401	17.8	0.28
Washington	89,696	333.8	1.17	27,987	106.3	0.66	10,899	35.9	0.35	6,673	23.4	0.30	5,703	21.1	0.29	3,792	18.4	0.31
WA: Seattle/Puget Sound	63,883	346.2	1.43	20,041	111.0	0.81	7,507	36.2	0.43	4,650	23.8	0.37	4,028	21.6	0.35	2,699	18.7	0.37
West Virginia	28,568	354.5	2.29	7,350	92.8	1.16	4,586	49.8	0.77	2,728	29.8	0.62	1,991	25.8	0.61	1,261	23.1	0.70
Wisconsin	78,721	340.6	1.30	22,922	103.1	0.72	10,099	38.7	0.40	6,044	23.2	0.32	5,919	25.5	0.34	3,112	18.7	0.35
Wyoming	6,256	294.1	3.93	1,867	88.5	2.15	740	30.7	1.16	467	20.6	1.00	394	18.7	0.98	316	20.6	1.21

<sup>1.</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races race category, see technical notes.

<sup>2.</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3.</sup> Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

# NAACCR U.S. Combined Incidence 2012-2016, The White Population



**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR United States Combined, 2012-2016, White**

SITES	MALES (WHITE)					FEMALES (WHITE)				
	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	3,425,818	486.6	0.27	359.9	0.20	3,372,195	427.6	0.24	331.5	0.19
Oral Cavity & Pharynx	134,424	18.4	0.05	14.5	0.04	53,146	6.6	0.03	5.1	0.02
Lip	6,733	1.0	0.01	0.7	0.01	2,532	0.3	0.01	0.2	0.00
Tongue	44,126	5.9	0.03	4.8	0.02	16,665	2.1	0.02	1.6	0.01
Major salivary gland	11,523	1.7	0.02	1.2	0.01	7,513	1.0	0.01	0.8	0.01
Floor of mouth	5,906	0.8	0.01	0.6	0.01	2,759	0.3	0.01	0.3	0.01
Gum & other mouth	13,365	1.9	0.02	1.4	0.01	10,833	1.3	0.01	0.9	0.01
Nasopharynx	3,892	0.5	0.01	0.5	0.01	1,617	0.2	0.01	0.2	0.00
Oropharynx	6,788	0.9	0.01	0.7	0.01	1,928	0.2	0.01	0.2	0.00
Hypopharynx	7,442	1.0	0.01	0.8	0.01	1,819	0.2	0.01	0.2	0.00
Digestive System	661,227	93.8	0.12	68.7	0.09	518,131	62.9	0.09	45.5	0.07
Esophagus	59,162	8.2	0.03	6.0	0.03	14,815	1.7	0.01	1.2	0.01
Stomach	56,308	8.1	0.03	5.8	0.03	32,453	4.0	0.02	2.9	0.02
Small intestine	18,523	2.6	0.02	2.0	0.01	15,968	2.0	0.02	1.5	0.01
Colon excl. rectum	203,370	29.6	0.07	21.1	0.05	203,619	24.7	0.06	17.5	0.04
Rectum & rectosigmoid	98,055	13.9	0.05	10.7	0.03	67,593	8.6	0.03	6.6	0.03
Anus, anal canal & anorectum	10,347	1.5	0.01	1.1	0.01	19,759	2.4	0.02	1.9	0.01
Liver	77,528	10.2	0.04	8.1	0.03	25,364	3.0	0.02	2.3	0.02
Gallbladder	4,987	0.7	0.01	0.5	0.01	10,470	1.2	0.01	0.9	0.01
Pancreas	101,439	14.4	0.05	10.2	0.03	92,898	10.9	0.04	7.6	0.03
Respiratory System	534,178	75.9	0.11	53.2	0.07	463,401	55.3	0.08	39.8	0.06
Larynx	40,983	5.6	0.03	4.2	0.02	10,706	1.3	0.01	1.0	0.01
Lung & bronchus	485,111	69.1	0.10	48.0	0.07	447,834	53.4	0.08	38.3	0.06
Bones & Joints	7,383	1.2	0.01	1.1	0.01	5,590	0.9	0.01	0.8	0.01
Soft Tissue (incl. heart)	26,499	4.0	0.03	3.2	0.02	20,279	2.8	0.02	2.3	0.02
Skin (excl. basal & sq.)	232,613	34.0	0.07	24.8	0.05	158,225	21.3	0.06	17.5	0.05
Melanomas of the skin	216,304	31.5	0.07	23.1	0.05	148,232	20.1	0.05	16.5	0.05
Breast (excl. <i>in situ</i> )	8,728	1.2	0.01	0.9	0.01	981,341	126.3	0.13	99.7	0.11
Female Genital System	-	-	-	-	-	396,441	50.7	0.08	41.1	0.07
Cervix uteri	-	-	-	-	-	48,069	7.4	0.04	6.5	0.03
Uterus Corpus	-	-	-	-	-	213,327	26.2	0.06	21.3	0.05
Uterus, NOS <sup>1</sup>	-	-	-	-	-	6,425	0.8	0.01	0.6	0.01
Ovary	-	-	-	-	-	89,666	11.5	0.04	9.1	0.03
Male Genital System	766,188	103.1	0.12	80.0	0.09	-	-	-	-	-
Prostate	719,996	95.4	0.11	72.6	0.09	-	-	-	-	-
Testis	38,735	6.6	0.03	6.7	0.03	-	-	-	-	-
Penis	5,948	0.9	0.01	0.6	0.01	-	-	-	-	-
Urinary System	422,652	61.2	0.10	43.0	0.07	174,062	21.3	0.05	15.8	0.04
Bladder (incl. <i>in situ</i> )	253,430	37.2	0.08	24.6	0.05	77,304	9.1	0.03	6.3	0.02
Kidney & renal pelvis	159,929	22.6	0.06	17.5	0.04	91,845	11.6	0.04	9.1	0.03
Ureter	5,800	0.9	0.01	0.6	0.01	3,461	0.4	0.01	0.3	0.00
Eye & Orbit	7,364	1.1	0.01	0.9	0.01	6,280	0.8	0.01	0.7	0.01
Brain & Other CNS <sup>1</sup>	54,574	8.2	0.04	7.0	0.03	43,213	6.0	0.03	5.2	0.03
Brain	51,712	7.7	0.03	6.5	0.03	40,357	5.5	0.03	4.8	0.03
Endocrine System	57,122	8.6	0.04	7.4	0.03	151,874	23.1	0.06	20.8	0.06
Thyroid gland	52,053	7.8	0.03	6.6	0.03	147,403	22.4	0.06	20.3	0.06
Lymphomas	182,183	26.9	0.06	20.5	0.05	148,325	18.9	0.05	14.6	0.04
Hodgkin Lymphoma	19,331	3.1	0.02	2.9	0.02	15,388	2.4	0.02	2.4	0.02
Non-Hodgkin Lymphoma	162,852	23.8	0.06	17.6	0.05	132,937	16.5	0.05	12.2	0.04
Multiple Myeloma	53,584	7.7	0.03	5.4	0.02	39,309	4.7	0.02	3.4	0.02
Leukemias	125,444	18.7	0.05	14.2	0.04	88,016	11.3	0.04	9.0	0.03
Acute lymphocytic	11,828	2.0	0.02	2.2	0.02	9,082	1.5	0.02	1.7	0.02
Chronic lymphocytic	47,116	6.7	0.03	4.7	0.02	29,866	3.5	0.02	2.4	0.01
Acute myeloid	35,766	5.3	0.03	3.9	0.02	27,703	3.6	0.02	2.8	0.02
Chronic myeloid	15,988	2.4	0.02	1.8	0.01	11,370	1.5	0.01	1.2	0.01
Other leukemias	14,746	2.2	0.02	1.6	0.01	9,995	1.2	0.01	0.9	0.01
Mesothelioma	11,345	1.7	0.02	1.1	0.01	3,614	0.4	0.01	0.3	0.01
Kaposi Sarcoma	3,086	0.5	0.01	0.4	0.01	414	0.0	0.00	0.0	0.00
Ill-defined & Unknown	137,224	20.5	0.06	13.7	0.04	120,534	14.3	0.04	9.7	0.03
Selected tumors (non-invasive)										
Brain & Othe CNS <sup>1</sup> (non-malig)	58,337	8.8	0.04	7.0	0.03	116,731	15.3	0.05	12.2	0.04
Breast ( <i>in situ</i> )	915	0.1	0.00	0.1	0.00	225,310	29.8	0.06	24.2	0.05

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the White race category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
 Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, White, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Bladder			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>3,425,818</b>	<b>359.9</b>	<b>0.20</b>	<b>719,996</b>	<b>72.6</b>	<b>0.09</b>	<b>485,111</b>	<b>48.0</b>	<b>0.07</b>	<b>301,425</b>	<b>31.7</b>	<b>0.06</b>	<b>253,430</b>	<b>24.6</b>	<b>0.05</b>	<b>216,304</b>	<b>23.1</b>	<b>0.05</b>
Alabama	52,100	377.4	1.71	10,801	74.0	0.72	9,143	62.3	0.66	4,925	36.3	0.53	3,576	24.0	0.41	3,521	26.4	0.46
Alaska	5,544	309.2	4.28	1,229	63.3	1.85	721	40.5	1.55	488	26.9	1.25	419	24.5	1.23	261	15.5	0.99
Arizona	69,477	300.3	1.19	13,407	55.8	0.49	9,401	36.9	0.39	6,408	28.0	0.36	5,634	21.6	0.30	4,887	21.2	0.32
Arkansas	37,380	388.4	2.08	7,672	75.7	0.87	7,054	68.8	0.83	3,463	36.8	0.65	2,557	24.4	0.49	2,108	22.3	0.51
California	324,241	328.1	0.59	69,096	68.3	0.26	32,514	31.3	0.18	28,969	29.2	0.17	22,355	21.2	0.14	25,150	25.3	0.16
CA: Greater California	197,544	332.4	0.76	41,661	68.1	0.34	21,044	33.5	0.23	17,479	29.4	0.23	13,704	21.5	0.19	15,601	26.1	0.21
CA: Greater Bay Area	57,556	342.5	1.46	12,791	73.9	0.66	5,073	28.6	0.41	4,701	27.8	0.41	3,974	22.0	0.36	5,664	33.6	0.46
CA: Los Angeles	69,112	306.5	1.18	14,634	64.6	0.54	6,396	27.6	0.35	6,785	29.6	0.36	4,678	19.8	0.29	3,883	16.9	0.27
Colorado	51,476	308.4	1.38	11,688	66.7	0.62	5,290	30.6	0.42	4,379	26.4	0.40	3,700	21.4	0.35	3,615	22.0	0.37
Connecticut	44,958	371.1	1.83	9,788	77.8	0.79	5,867	45.3	0.60	3,626	29.9	0.52	4,111	31.0	0.50	2,463	20.6	0.44
Delaware	12,044	406.3	3.89	2,670	85.9	1.69	1,759	55.0	1.34	905	30.8	1.07	1,009	30.8	1.00	1,033	35.6	1.18
Florida	270,927	366.2	0.76	49,839	65.1	0.30	39,726	49.2	0.26	22,179	30.3	0.22	19,619	22.8	0.17	19,400	26.0	0.20
Georgia	90,600	391.0	1.32	18,708	76.9	0.56	13,982	57.7	0.49	7,993	34.7	0.39	5,971	24.6	0.32	7,968	35.2	0.40
Hawaii	6,481	379.1	5.03	1,179	62.5	1.87	637	34.7	1.42	534	32.3	1.49	442	24.4	1.20	984	60.1	2.05
Idaho	19,607	340.1	2.49	4,552	75.3	1.13	2,300	37.2	0.78	1,614	28.4	0.72	1,494	24.2	0.63	1,403	25.4	0.70
Illinois	138,311	371.5	1.02	29,709	77.4	0.45	20,083	51.3	0.37	13,265	35.1	0.31	10,464	26.4	0.26	7,484	20.5	0.24
Indiana	78,362	367.3	1.34	14,593	65.3	0.54	13,960	62.6	0.53	7,519	35.1	0.41	5,872	25.9	0.34	3,931	18.9	0.31
Iowa	43,991	383.5	1.90	9,379	78.3	0.82	6,391	52.2	0.66	4,153	36.1	0.58	3,159	25.0	0.46	2,491	22.8	0.48
Kansas	34,234	359.3	2.00	7,436	75.2	0.88	4,630	45.8	0.68	3,114	32.7	0.60	2,573	24.8	0.50	2,054	22.0	0.51
Kentucky	63,065	424.7	1.73	11,139	70.9	0.68	12,467	80.0	0.72	6,244	42.3	0.55	4,163	26.5	0.41	3,731	25.9	0.44
Louisiana	47,095	409.1	1.93	10,622	88.2	0.86	6,841	56.5	0.69	4,298	37.4	0.58	3,078	25.2	0.46	2,658	23.8	0.48
Maine	21,251	371.4	2.69	4,038	65.7	1.04	3,573	58.9	1.01	1,721	30.4	0.77	1,900	30.8	0.72	1,198	21.5	0.66
Maryland	51,956	363.2	1.64	11,829	79.4	0.73	6,743	44.8	0.55	4,019	28.1	0.46	4,312	27.9	0.43	4,426	31.5	0.49
Massachusetts	76,342	347.0	1.30	16,445	71.9	0.56	10,821	46.2	0.45	6,264	28.3	0.37	6,230	26.1	0.34	4,281	19.7	0.31
Michigan	115,498	353.4	1.08	25,797	75.0	0.47	17,389	50.0	0.38	9,555	29.3	0.31	9,425	26.7	0.28	5,975	19.0	0.26
MI: Metropolitan Detroit	42,833	402.8	2.01	9,829	89.1	0.91	6,050	53.8	0.70	3,455	32.1	0.56	3,514	30.9	0.53	2,191	21.0	0.47
Minnesota	68,153	365.8	1.45	15,515	79.6	0.64	8,314	42.0	0.47	5,619	30.2	0.42	4,969	24.7	0.36	4,941	27.6	0.41
Mississippi	28,860	395.7	2.40	6,003	78.3	1.02	5,266	67.9	0.95	2,794	38.9	0.76	1,904	24.1	0.56	1,652	23.8	0.61
Missouri	73,168	362.3	1.38	14,167	67.0	0.57	12,736	59.3	0.53	6,917	34.4	0.43	5,247	24.0	0.34	3,919	20.2	0.34

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, White, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Bladder			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	14,640	354.7	3.08	3,735	84.4	1.40	1,645	36.6	0.92	1,265	31.0	0.92	1,107	24.7	0.76	890	23.3	0.83
Nebraska	23,153	362.2	2.45	5,415	81.4	1.12	3,158	46.5	0.84	2,263	35.2	0.76	1,617	23.3	0.59	1,247	20.3	0.60
New Hampshire	19,550	374.9	2.79	4,565	81.8	1.22	2,589	46.6	0.93	1,566	30.7	0.81	1,709	30.8	0.76	1,324	25.5	0.73
New Jersey	102,239	393.5	1.27	24,273	90.9	0.59	12,074	43.8	0.40	9,021	34.3	0.37	8,129	28.7	0.32	6,235	24.0	0.31
New Mexico	20,273	291.7	2.13	4,380	59.3	0.91	2,430	31.9	0.66	1,885	27.5	0.66	1,374	17.8	0.49	1,057	15.3	0.49
New York	218,029	398.2	0.88	49,294	87.4	0.40	27,739	47.6	0.29	17,691	32.0	0.25	17,971	30.1	0.23	11,351	21.0	0.20
North Carolina	106,107	378.7	1.19	22,520	76.5	0.51	17,317	58.3	0.45	8,354	30.3	0.34	7,618	25.3	0.29	8,272	30.4	0.34
North Dakota	9,269	365.6	3.93	2,315	88.2	1.85	1,205	44.4	1.30	949	37.8	1.28	674	24.3	0.97	481	20.6	0.98
Ohio	140,487	364.5	1.01	28,714	70.8	0.42	23,195	57.0	0.38	13,106	33.9	0.31	11,073	26.5	0.26	7,995	21.5	0.25
Oklahoma	41,919	355.2	1.79	8,107	65.8	0.74	7,214	57.5	0.69	3,958	34.1	0.56	2,998	23.4	0.44	2,547	21.7	0.44
Oregon	48,597	335.1	1.58	10,398	67.3	0.67	6,278	40.2	0.51	3,999	28.0	0.46	3,826	24.2	0.40	3,491	25.0	0.44
Pennsylvania	172,551	382.4	0.96	34,446	73.4	0.40	25,106	51.7	0.33	15,810	34.8	0.29	14,527	29.2	0.25	10,001	22.8	0.24
Rhode Island	13,526	371.7	3.33	2,737	72.7	1.40	2,126	55.1	1.22	1,027	27.7	0.90	1,226	31.2	0.92	794	22.0	0.82
South Carolina	52,261	374.9	1.70	11,040	74.1	0.71	8,455	57.0	0.63	4,226	31.4	0.50	3,754	25.1	0.42	3,847	28.4	0.48
South Dakota	10,952	360.7	3.60	2,682	84.9	1.66	1,490	45.1	1.19	1,013	32.9	1.08	752	22.4	0.84	614	21.6	0.92
Tennessee	79,225	386.1	1.41	16,882	77.7	0.60	14,383	66.4	0.56	6,767	33.5	0.42	5,403	24.6	0.34	4,336	21.8	0.34
Texas	230,527	332.1	0.70	46,088	64.3	0.30	30,687	42.8	0.25	22,840	32.9	0.22	13,368	18.5	0.16	9,726	14.1	0.14
Utah	25,127	329.5	2.09	6,622	85.8	1.06	1,684	21.4	0.52	1,842	24.4	0.57	1,559	19.6	0.50	2,907	38.6	0.72
Vermont	8,848	346.8	3.87	1,757	63.3	1.52	1,304	48.3	1.37	682	26.8	1.08	698	25.7	0.99	816	32.5	1.20
Virginia	72,562	319.2	1.21	14,765	62.2	0.51	11,258	47.2	0.45	6,308	27.9	0.36	5,155	21.3	0.30	5,163	23.0	0.33
Washington	79,686	352.9	1.28	17,653	74.1	0.56	9,979	41.9	0.42	6,357	28.5	0.37	6,103	25.3	0.33	5,487	25.1	0.35
WA: Seattle/Puget Sound	55,842	378.0	1.64	12,622	81.3	0.73	6,529	42.2	0.53	4,356	29.9	0.46	4,235	27.0	0.42	4,243	29.5	0.46
West Virginia	28,455	380.7	2.36	5,382	66.9	0.92	5,460	68.3	0.94	2,824	38.2	0.75	2,167	26.8	0.59	1,379	19.6	0.56
Wisconsin	75,974	366.5	1.38	17,178	79.0	0.61	10,014	45.4	0.46	6,134	29.6	0.39	5,907	26.4	0.35	4,398	21.9	0.34
Wyoming	6,740	316.7	3.97	1,747	76.7	1.85	713	31.6	1.20	573	27.3	1.17	532	23.7	1.04	412	19.9	1.02

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the White race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, White, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>3,372,195</b>	<b>331.5</b>	<b>0.19</b>	<b>981,341</b>	<b>99.7</b>	<b>0.11</b>	<b>447,834</b>	<b>38.3</b>	<b>0.06</b>	<b>271,212</b>	<b>24.1</b>	<b>0.05</b>	<b>219,752</b>	<b>21.9</b>	<b>0.05</b>	<b>148,232</b>	<b>16.5</b>	<b>0.05</b>
Alabama	46,997	318.6	1.60	13,694	94.6	0.86	6,850	40.4	0.51	4,249	26.7	0.45	2,248	15.4	0.35	2,336	18.6	0.42
Alaska	4,956	306.3	4.47	1,573	96.4	2.48	563	33.1	1.42	394	23.9	1.23	348	20.1	1.10	197	13.3	0.98
Arizona	68,723	291.1	1.20	20,945	91.4	0.67	9,002	31.5	0.35	5,381	20.5	0.30	4,189	18.4	0.30	2,807	13.1	0.27
Arkansas	32,987	325.8	1.95	9,007	90.8	1.02	5,465	47.4	0.67	2,951	26.8	0.53	1,828	19.0	0.47	1,308	15.2	0.46
California	329,910	310.2	0.57	101,625	98.7	0.32	33,521	27.3	0.15	26,297	22.7	0.15	22,194	21.3	0.15	15,906	15.7	0.13
CA: Greater California	198,690	313.5	0.74	60,657	98.7	0.42	21,887	29.8	0.21	15,828	23.0	0.19	12,892	20.7	0.19	9,857	16.5	0.18
CA: Greater Bay Area	57,077	320.6	1.42	18,084	105.7	0.82	5,511	26.3	0.37	4,297	22.2	0.36	3,870	21.7	0.36	3,688	22.3	0.39
CA: Los Angeles	74,117	294.6	1.12	22,876	93.7	0.63	6,124	21.6	0.29	6,168	22.6	0.30	5,431	22.4	0.31	2,358	9.4	0.20
Colorado	53,261	302.8	1.37	17,379	100.4	0.79	5,576	27.9	0.38	4,039	21.4	0.35	3,278	18.2	0.33	2,587	16.1	0.33
Connecticut	47,077	352.6	1.79	14,212	112.3	1.01	6,353	40.6	0.54	3,483	22.8	0.43	3,159	23.5	0.44	1,758	14.4	0.38
Delaware	11,304	365.4	3.81	3,236	106.7	2.04	1,703	46.8	1.19	792	23.4	0.92	768	24.8	0.96	644	23.6	1.04
Florida	250,756	326.3	0.74	67,363	92.8	0.39	35,959	39.0	0.22	19,585	22.6	0.18	14,317	19.2	0.17	10,819	15.6	0.17
Georgia	84,056	338.6	1.23	24,350	99.4	0.66	11,440	40.5	0.39	6,686	25.3	0.32	4,592	18.7	0.29	5,355	24.9	0.36
Hawaii	5,125	360.5	5.60	1,604	116.5	3.18	483	28.3	1.35	414	27.6	1.49	292	19.0	1.19	550	41.1	1.94
Idaho	18,666	322.8	2.50	5,517	97.2	1.37	2,160	32.4	0.72	1,434	23.3	0.65	1,184	20.7	0.62	1,035	20.4	0.67
Illinois	140,931	346.2	0.99	41,119	105.2	0.54	19,047	41.1	0.31	11,871	25.8	0.26	9,737	24.4	0.26	5,748	16.4	0.23
Indiana	77,778	335.2	1.29	21,727	96.3	0.69	11,691	44.9	0.43	7,009	27.1	0.35	5,200	22.8	0.33	2,990	15.3	0.30
Iowa	42,030	345.4	1.85	11,442	98.7	0.99	5,469	39.1	0.56	3,943	27.7	0.49	3,030	25.2	0.48	1,989	20.5	0.51
Kansas	33,153	330.0	1.95	9,751	99.3	1.07	4,211	36.8	0.59	2,799	25.0	0.51	2,087	21.3	0.49	1,499	17.4	0.49
Kentucky	61,093	378.1	1.63	15,858	100.0	0.83	10,502	58.0	0.58	5,424	31.1	0.45	3,533	22.8	0.40	2,793	20.0	0.41
Louisiana	40,823	334.7	1.78	11,521	96.1	0.95	5,800	41.7	0.57	3,529	27.3	0.49	1,861	15.7	0.38	1,559	15.2	0.42
Maine	21,397	353.7	2.68	5,750	99.2	1.42	3,310	47.7	0.87	1,627	24.2	0.67	1,552	25.4	0.68	971	18.8	0.68
Maryland	52,478	340.9	1.60	15,594	104.8	0.89	6,932	38.8	0.49	3,954	23.3	0.40	3,460	22.5	0.40	2,981	21.9	0.43
Massachusetts	85,260	344.5	1.28	26,319	111.3	0.73	12,393	43.5	0.41	6,265	22.5	0.31	5,843	23.5	0.32	3,396	15.2	0.29
Michigan	113,243	328.8	1.06	32,511	97.6	0.58	16,248	41.1	0.34	8,933	23.1	0.27	8,151	23.7	0.28	4,539	16.0	0.26
MI: Metropolitan Detroit	42,586	364.8	1.93	12,022	106.8	1.04	6,179	45.8	0.61	3,432	25.9	0.49	2,887	25.2	0.49	1,626	16.9	0.46
Minnesota	66,437	339.6	1.42	19,654	103.9	0.78	8,209	36.7	0.42	5,288	23.7	0.36	4,900	24.8	0.37	3,832	23.7	0.41
Mississippi	25,239	328.5	2.26	6,869	91.2	1.18	4,096	46.5	0.76	2,341	27.8	0.62	1,268	17.3	0.52	1,081	17.0	0.57
Missouri	72,644	334.8	1.34	21,290	101.9	0.74	11,492	46.5	0.45	6,076	25.1	0.35	4,616	21.6	0.33	2,612	14.4	0.31



**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, White, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	13,148	329.1	3.14	3,807	97.5	1.70	1,781	37.6	0.92	1,017	23.5	0.81	831	20.4	0.76	652	19.6	0.85
Nebraska	22,089	328.6	2.39	6,500	99.6	1.31	2,768	36.0	0.72	2,040	26.6	0.65	1,471	22.7	0.62	1,043	18.8	0.63
New Hampshire	19,846	361.6	2.77	6,181	115.3	1.55	2,790	44.9	0.87	1,442	23.7	0.68	1,459	26.0	0.71	985	20.1	0.71
New Jersey	105,854	364.5	1.23	30,045	108.7	0.67	13,295	39.1	0.36	8,647	26.0	0.31	7,709	26.6	0.32	4,483	17.0	0.28
New Mexico	20,800	291.6	2.18	6,497	91.9	1.21	2,214	25.7	0.57	1,640	21.4	0.57	1,355	19.4	0.56	687	10.1	0.42
New York	221,904	366.6	0.85	61,845	107.6	0.46	29,222	41.6	0.26	16,818	24.4	0.21	15,656	26.1	0.22	8,315	15.3	0.18
North Carolina	102,526	336.9	1.13	30,884	104.3	0.63	14,988	43.0	0.36	7,561	23.2	0.29	6,035	20.0	0.27	5,544	20.9	0.30
North Dakota	8,317	326.0	3.90	2,428	100.2	2.19	1,038	35.6	1.16	773	26.3	1.04	506	20.2	0.95	412	20.3	1.08
Ohio	142,630	341.7	0.98	40,897	100.4	0.53	20,498	43.2	0.32	12,221	25.9	0.26	10,258	24.9	0.26	5,951	17.0	0.24
Oklahoma	39,735	317.7	1.72	11,261	92.1	0.92	5,902	41.2	0.56	3,496	25.8	0.47	2,141	17.6	0.40	1,495	13.5	0.38
Oregon	49,156	325.1	1.58	14,759	99.4	0.87	6,349	35.7	0.47	3,668	22.0	0.39	3,442	23.0	0.41	2,755	21.3	0.44
Pennsylvania	175,245	359.7	0.96	49,171	105.2	0.51	22,913	40.2	0.28	14,520	25.5	0.24	12,923	26.8	0.25	6,998	17.2	0.23
Rhode Island	15,119	372.5	3.33	4,353	112.2	1.82	2,300	49.1	1.07	1,058	22.7	0.77	1,034	25.4	0.83	631	17.3	0.77
South Carolina	48,318	330.5	1.63	14,653	102.0	0.90	7,062	41.9	0.52	3,722	23.9	0.42	2,651	18.5	0.38	2,585	20.6	0.44
South Dakota	10,149	332.9	3.64	3,010	103.2	2.04	1,299	37.6	1.09	919	25.5	0.94	687	22.7	0.91	494	20.7	1.03
Tennessee	73,429	334.1	1.32	20,912	96.9	0.71	11,696	47.0	0.45	6,121	25.6	0.35	4,287	20.0	0.32	3,028	15.8	0.31
Texas	223,096	296.6	0.65	65,634	89.1	0.36	25,784	30.7	0.20	18,142	22.7	0.17	13,417	18.5	0.16	6,178	8.9	0.12
Utah	23,472	297.3	1.98	7,110	91.1	1.10	1,419	16.4	0.44	1,591	19.4	0.50	1,691	21.5	0.53	2,042	27.2	0.61
Vermont	9,121	342.7	3.92	2,695	104.3	2.15	1,258	40.8	1.19	707	23.5	0.98	765	28.1	1.07	579	24.5	1.12
Virginia	75,956	312.6	1.21	23,886	101.1	0.68	10,335	37.4	0.38	5,888	22.1	0.31	4,900	20.1	0.30	3,543	16.3	0.29
Washington	79,555	339.2	1.28	24,729	107.6	0.72	9,943	37.0	0.38	5,830	23.2	0.33	5,065	21.4	0.31	4,201	20.3	0.33
WA: Seattle/Puget Sound	55,189	356.0	1.61	17,226	113.5	0.90	6,678	37.5	0.47	3,918	23.7	0.41	3,475	22.0	0.39	3,248	23.6	0.44
West Virginia	27,591	355.5	2.35	7,062	92.4	1.18	4,457	50.2	0.79	2,636	29.8	0.63	1,939	26.1	0.63	948	14.7	0.53
Wisconsin	72,752	337.3	1.36	21,304	102.8	0.75	9,330	37.7	0.41	5,538	22.4	0.33	5,519	25.5	0.36	3,084	17.1	0.34
Wyoming	6,063	296.1	4.04	1,808	88.8	2.20	718	30.8	1.18	453	20.6	1.02	376	18.5	0.99	307	16.9	1.03

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the White race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

# NAACCR U.S. Combined Incidence 2012-2016, The Black Population



**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR United States Combined, 2012-2016, Black**

SITES	MALES (BLACK)					FEMALES (BLACK)				
	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	445,204	528.5	0.85	401.3	0.61	438,585	399.1	0.62	309.3	0.47
Oral Cavity & Pharynx	12,754	14.0	0.13	11.2	0.10	5,723	5.1	0.07	4.1	0.05
Lip	87	0.1	0.01	0.1	0.01	61	0.1	0.01	0.0	0.01
Tongue	2,948	3.2	0.06	2.6	0.05	1,167	1.0	0.03	0.8	0.02
Major salivary gland	1,023	1.2	0.04	0.9	0.03	1,243	1.1	0.03	0.9	0.03
Floor of mouth	655	0.7	0.03	0.6	0.02	284	0.2	0.01	0.2	0.01
Gum & other mouth	1,499	1.7	0.05	1.3	0.03	1,092	1.0	0.03	0.8	0.02
Nasopharynx	985	1.0	0.03	0.9	0.03	407	0.4	0.02	0.3	0.02
Oropharynx	975	1.1	0.04	0.9	0.03	316	0.3	0.02	0.2	0.01
Hypopharynx	1,482	1.7	0.05	1.3	0.03	345	0.3	0.02	0.2	0.01
Digestive System	98,625	118.3	0.40	88.7	0.28	85,627	78.7	0.28	58.1	0.20
Esophagus	5,371	6.4	0.09	4.8	0.07	2,386	2.2	0.05	1.6	0.03
Stomach	10,572	13.7	0.14	9.7	0.10	7,822	7.4	0.09	5.3	0.06
Small intestine	3,577	4.3	0.08	3.3	0.05	3,704	3.4	0.06	2.6	0.04
Colon excl. rectum	30,742	38.2	0.23	28.0	0.16	32,606	30.1	0.17	22.1	0.12
Rectum & rectosigmoid	12,437	14.4	0.14	11.1	0.10	10,028	9.0	0.09	7.0	0.07
Anus, anal canal & anorectum	1,798	2.0	0.05	1.6	0.04	1,982	1.8	0.04	1.4	0.03
Liver	16,006	16.4	0.14	13.7	0.11	5,196	4.5	0.06	3.5	0.05
Gallbladder	990	1.3	0.05	0.9	0.03	2,179	2.0	0.04	1.5	0.03
Pancreas	13,609	17.1	0.16	12.4	0.11	15,309	14.4	0.12	10.1	0.08
Respiratory System	70,913	89.7	0.36	64.8	0.25	54,020	49.7	0.22	36.4	0.16
Larynx	6,887	8.0	0.10	6.1	0.07	1,796	1.5	0.04	1.2	0.03
Lung & bronchus	63,112	80.6	0.34	57.8	0.23	51,586	47.6	0.21	34.7	0.15
Bones & Joints	869	0.9	0.03	0.8	0.03	763	0.7	0.02	0.7	0.02
Soft Tissue (incl. heart)	3,292	3.7	0.07	3.1	0.05	3,466	3.1	0.05	2.7	0.05
Skin (excl. basal & sq.)	1,801	2.2	0.05	1.7	0.04	1,910	1.8	0.04	1.4	0.03
Melanomas of the skin	880	1.1	0.04	0.8	0.03	951	0.9	0.03	0.7	0.02
Breast (excl. <i>in situ</i> )	1,502	1.9	0.05	1.4	0.04	137,671	124.0	0.34	98.8	0.27
Female Genital System	-	-	-	-	-	53,943	48.0	0.21	38.5	0.17
Cervix uteri	-	-	-	-	-	9,743	8.9	0.09	7.5	0.08
Uterus Corpus	-	-	-	-	-	28,132	24.5	0.15	19.6	0.12
Uterus, NOS <sup>1</sup>	-	-	-	-	-	1,941	1.8	0.04	1.3	0.03
Ovary	-	-	-	-	-	9,931	9.0	0.09	7.1	0.07
Male Genital System	152,370	172.2	0.47	134.6	0.35	-	-	-	-	-
Prostate	149,960	169.5	0.47	132.4	0.34	-	-	-	-	-
Testis	1,507	1.5	0.04	1.5	0.04	-	-	-	-	-
Penis	702	0.9	0.04	0.6	0.02	-	-	-	-	-
Urinary System	36,636	45.4	0.25	33.4	0.18	21,455	19.8	0.14	14.8	0.10
Bladder (incl. <i>in situ</i> )	14,019	19.5	0.18	13.1	0.11	6,708	6.5	0.08	4.3	0.05
Kidney & renal pelvis	22,066	25.2	0.18	19.8	0.13	14,236	12.9	0.11	10.1	0.09
Ureter	199	0.3	0.02	0.2	0.01	183	0.2	0.01	0.1	0.01
Eye & Orbit	277	0.3	0.02	0.3	0.02	253	0.2	0.01	0.2	0.01
Brain & Other CNS <sup>1</sup>	4,490	4.8	0.08	4.2	0.06	3,852	3.5	0.06	3.1	0.05
Brain	4,114	4.4	0.07	3.8	0.06	3,436	3.1	0.05	2.7	0.05
Endocrine System	4,467	4.9	0.08	4.1	0.06	16,301	14.6	0.12	12.7	0.10
Thyroid gland	3,509	3.9	0.07	3.2	0.05	15,289	13.7	0.11	11.9	0.10
Lymphomas	17,640	19.9	0.16	16.3	0.12	15,897	14.4	0.12	11.8	0.10
Hodgkin Lymphoma	3,051	3.0	0.06	2.9	0.05	2,590	2.3	0.05	2.2	0.04
Non-Hodgkin Lymphoma	14,589	16.9	0.15	13.4	0.11	13,307	12.2	0.11	9.6	0.08
Multiple Myeloma	12,542	16.0	0.15	11.5	0.10	12,704	11.9	0.11	8.7	0.08
Leukemias	11,185	13.7	0.14	10.5	0.10	9,659	8.9	0.09	7.1	0.07
Acute lymphocytic	1,178	1.1	0.03	1.1	0.03	959	0.8	0.03	0.9	0.03
Chronic lymphocytic	3,551	4.6	0.08	3.3	0.06	2,510	2.4	0.05	1.7	0.03
Acute myeloid	3,414	4.3	0.08	3.2	0.06	3,413	3.2	0.06	2.5	0.04
Chronic myeloid	1,775	2.1	0.05	1.7	0.04	1,552	1.4	0.04	1.1	0.03
Other leukemias	1,267	1.6	0.05	1.2	0.03	1,225	1.1	0.03	0.9	0.03
Mesothelioma	565	0.8	0.04	0.5	0.02	218	0.2	0.01	0.2	0.01
Kaposi Sarcoma	1,493	1.5	0.04	1.4	0.04	147	0.1	0.01	0.1	0.01
Ill-defined & Unknown	13,783	18.3	0.17	12.8	0.11	14,976	14.3	0.12	10.0	0.08
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malignant)	7,048	8.3	0.11	6.5	0.08	16,546	15.2	0.12	11.9	0.09
Breast ( <i>in situ</i> )	195	0.2	0.02	0.2	0.01	35,699	31.8	0.17	25.7	0.14

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Black race category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
 Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Black, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Kidney & Renal Pelvis			Liver & IBD <sup>3</sup>		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>445,204</b>	<b>401.3</b>	<b>0.61</b>	<b>149,960</b>	<b>132.4</b>	<b>0.34</b>	<b>63,112</b>	<b>57.8</b>	<b>0.23</b>	<b>43,179</b>	<b>39.0</b>	<b>0.19</b>	<b>22,066</b>	<b>19.8</b>	<b>0.13</b>	<b>16,970</b>	<b>14.6</b>	<b>0.11</b>
Alabama	14,799	416.5	3.46	5,221	142.8	2.00	2,304	64.6	1.36	1,521	43.7	1.13	712	20.4	0.77	413	10.9	0.54
Alaska	200	301.7	23.47	72	96.9	12.38	25	46.0	10.00	15	24.5	6.99	-	-	-	-	-	-
Arizona	2,262	283.7	6.07	676	83.4	3.26	319	42.8	2.44	186	23.2	1.74	146	17.9	1.51	87	10.7	1.16
Arkansas	5,424	447.4	6.17	1,771	141.4	3.41	991	82.4	2.66	528	43.9	1.94	240	19.9	1.30	156	12.3	1.00
California	26,957	350.8	2.15	8,801	112.0	1.20	3,337	44.0	0.77	2,620	34.1	0.67	1,386	18.1	0.49	1,151	14.5	0.43
CA: Greater California	11,017	340.1	3.28	3,622	109.5	1.84	1,316	42.6	1.19	1,101	33.8	1.03	594	18.1	0.75	463	13.8	0.65
CA: Greater Bay Area	5,849	378.7	5.00	1,877	117.8	2.74	763	49.7	1.81	517	33.7	1.49	297	19.3	1.13	312	19.3	1.10
CA: Los Angeles	10,090	348.2	3.49	3,302	111.6	1.95	1,258	42.9	1.21	1,002	34.7	1.10	495	17.5	0.79	376	12.7	0.66
Colorado	2,138	333.6	7.39	701	107.1	4.14	217	37.0	2.56	217	33.8	2.36	117	17.8	1.69	103	15.4	1.55
Connecticut	3,895	377.1	6.09	1,317	125.7	3.49	498	50.1	2.26	332	32.0	1.78	191	17.8	1.30	126	12.0	1.08
Delaware	2,488	434.4	8.76	991	168.2	5.37	307	54.9	3.15	204	36.0	2.54	122	21.3	1.94	96	16.0	1.64
Florida	31,623	358.2	2.02	10,816	120.7	1.16	3,823	43.5	0.71	3,116	35.3	0.64	1,311	14.8	0.41	939	10.3	0.34
Georgia	32,457	423.8	2.40	11,555	147.4	1.40	4,372	58.9	0.91	3,273	42.6	0.76	1,554	19.8	0.51	951	11.6	0.38
Hawaii	301	360.3	21.85	121	143.0	13.49	19	27.1	6.47	27	32.3	6.61	14	12.7	3.61	14	17.3	4.80
Idaho	81	288.8	35.74	29	100.5	20.31	12	47.5	15.83	-	-	-	-	-	-	9	36.2	14.19
Illinois	22,211	429.1	2.89	7,091	134.3	1.60	3,522	68.0	1.15	2,393	46.4	0.95	1,167	22.8	0.67	710	13.3	0.50
Indiana	6,201	399.0	5.11	1,821	115.7	2.74	967	63.3	2.06	603	38.9	1.60	367	23.2	1.22	281	17.1	1.03
Iowa	891	426.0	14.89	264	129.1	8.19	129	66.8	6.11	86	40.9	4.64	54	23.5	3.36	48	22.3	3.33
Kansas	1,894	405.8	9.47	573	121.4	5.15	302	66.6	3.90	182	39.6	2.98	94	19.9	2.09	81	16.9	1.90
Kentucky	4,016	420.8	6.74	1,118	114.9	3.49	717	76.8	2.92	417	43.4	2.16	252	25.9	1.66	144	14.2	1.20
Louisiana	18,401	458.1	3.41	5,851	142.2	1.88	2,993	74.8	1.38	1,976	49.4	1.12	860	21.8	0.75	802	18.7	0.67
Maine	117	294.5	28.55	26	70.6	14.34	16	45.2	11.68	11	23.2	7.19	7	16.1	6.24	10	25.7	8.53
Maryland	19,496	388.3	2.81	7,376	142.5	1.67	2,328	47.4	0.99	1,715	34.5	0.84	870	17.3	0.59	829	15.7	0.55
Massachusetts	4,878	345.4	5.00	1,786	125.0	2.99	507	37.5	1.69	461	32.2	1.52	211	14.8	1.03	223	15.3	1.03
Michigan	16,531	419.3	3.29	5,241	130.1	1.81	2,566	65.3	1.30	1,612	41.3	1.04	886	22.8	0.77	680	16.4	0.63
MI: Metropolitan Detroit	12,682	459.5	4.13	4,098	144.8	2.28	1,891	68.2	1.58	1,263	46.4	1.32	677	25.0	0.98	506	17.3	0.77
Minnesota	2,392	404.7	8.82	694	117.7	4.72	298	55.9	3.43	208	34.8	2.58	141	22.7	2.04	169	29.1	2.36
Mississippi	13,150	449.9	3.98	4,394	146.4	2.23	2,311	79.8	1.68	1,540	53.1	1.37	660	22.9	0.90	282	9.1	0.55
Missouri	7,838	422.0	4.81	2,286	120.1	2.53	1,344	73.5	2.02	751	40.9	1.51	403	21.7	1.09	377	19.5	1.01

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Black, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Kidney & Renal Pelvis			Liver & IBD <sup>3</sup>		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	44	360.1	57.84	16	144.9	37.31	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	926	442.5	14.84	315	150.7	8.64	109	55.4	5.41	102	49.4	5.00	63	28.5	3.65	45	20.2	3.07
New Hampshire	147	315.4	27.56	56	119.9	16.98	13	31.9	9.16	16	34.2	9.04	8	16.2	6.06	8	17.6	6.68
New Jersey	13,912	390.6	3.33	5,196	144.0	2.01	1,611	46.2	1.16	1,333	37.3	1.03	651	18.0	0.71	435	11.8	0.57
New Mexico	434	268.0	12.99	142	84.4	7.15	57	37.4	5.00	32	20.5	3.65	23	13.9	2.91	13	7.3	2.04
New York	39,282	406.9	2.06	15,096	153.7	1.26	4,267	44.3	0.68	3,460	35.9	0.61	1,703	17.6	0.43	1,511	15.3	0.40
North Carolina	25,999	423.5	2.65	8,839	139.6	1.50	4,125	67.7	1.06	2,335	38.3	0.80	1,247	20.5	0.59	830	12.7	0.44
North Dakota	58	226.5	36.03	24	95.3	21.83	-	-	-	6	28.4	14.73	-	-	-	-	-	-
Ohio	16,223	396.2	3.13	5,249	125.6	1.75	2,661	65.4	1.28	1,448	35.3	0.93	857	21.3	0.73	656	15.4	0.60
Oklahoma	3,214	410.0	7.33	1,043	130.7	4.10	484	63.2	2.91	316	40.2	2.29	170	21.8	1.70	104	12.2	1.21
Oregon	864	368.6	12.98	279	118.5	7.35	124	57.0	5.32	64	27.9	3.62	53	21.0	2.96	54	22.2	3.11
Pennsylvania	16,707	426.6	3.33	5,033	126.2	1.79	2,430	63.2	1.29	1,468	37.5	0.99	972	24.9	0.80	969	23.9	0.77
Rhode Island	593	298.4	12.51	170	84.3	6.59	93	49.4	5.23	44	22.3	3.43	30	14.5	2.71	18	8.2	1.96
South Carolina	16,044	413.0	3.30	5,498	136.7	1.86	2,488	63.8	1.29	1,540	40.4	1.04	761	19.8	0.73	464	11.3	0.53
South Dakota	86	284.3	36.14	19	63.5	15.95	8	26.5	10.96	11	30.1	9.76	8	20.4	7.28	-	-	-
Tennessee	11,669	414.6	3.91	3,872	134.3	2.20	1,908	69.8	1.63	1,162	41.6	1.24	595	21.1	0.88	435	14.1	0.69
Texas	31,473	388.1	2.23	9,463	114.7	1.20	4,607	59.7	0.90	3,370	41.2	0.72	1,685	20.4	0.51	1,687	19.2	0.48
Utah	255	339.6	23.77	90	132.0	15.25	21	35.1	8.41	29	37.4	7.83	11	13.9	4.67	16	21.8	5.73
Vermont	51	278.1	41.74	19	107.3	26.71	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	18,706	395.2	2.92	6,487	133.3	1.67	2,749	58.9	1.13	1,710	36.3	0.89	1,033	21.8	0.69	613	12.2	0.50
Washington	2,820	365.4	7.17	876	110.8	3.89	330	48.2	2.75	244	31.1	2.07	153	18.9	1.59	162	19.6	1.59
WA: Seattle/Puget Sound	2,643	393.0	7.97	835	121.2	4.36	306	50.9	3.03	236	35.1	2.39	147	20.8	1.79	155	21.6	1.79
West Virginia	917	414.8	13.99	307	133.1	7.75	144	67.3	5.74	84	37.6	4.19	42	19.2	3.01	42	16.5	2.56
Wisconsin	4,101	505.0	8.07	1,269	155.2	4.45	644	83.3	3.36	393	47.6	2.45	215	25.4	1.77	209	24.3	1.71
Wyoming	38	209.0	36.92	10	53.8	18.77	-	-	-	6	44.4	18.72	-	-	-	-	-	-

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Black race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: IBD - Intrahepatic Bile Duct; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
 Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Black, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Pancreas		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>438,585</b>	<b>309.3</b>	<b>0.47</b>	<b>137,671</b>	<b>98.8</b>	<b>0.27</b>	<b>51,586</b>	<b>34.7</b>	<b>0.15</b>	<b>42,634</b>	<b>29.2</b>	<b>0.14</b>	<b>30,073</b>	<b>20.9</b>	<b>0.12</b>	<b>15,309</b>	<b>10.1</b>	<b>0.08</b>
Alabama	13,700	298.1	2.61	4,550	101.2	1.53	1,368	28.1	0.77	1,585	33.3	0.85	811	17.3	0.62	518	10.4	0.47
Alaska	173	274.5	21.33	65	101.3	12.79	14	25.4	6.93	9	14.0	4.78	7	11.3	4.33	-	-	-
Arizona	2,161	253.7	5.48	710	83.3	3.14	242	28.9	1.86	197	22.8	1.63	147	17.2	1.42	82	9.5	1.05
Arkansas	4,723	312.3	4.63	1,420	95.8	2.59	625	39.8	1.61	528	34.1	1.52	295	19.1	1.13	195	11.8	0.87
California	26,262	289.5	1.82	8,503	95.5	1.05	3,093	32.4	0.59	2,581	27.4	0.55	1,883	20.7	0.48	880	9.0	0.31
CA: Greater California	9,907	278.5	2.82	3,291	93.3	1.64	1,114	30.7	0.93	930	25.7	0.85	671	18.8	0.73	303	8.2	0.48
CA: Greater Bay Area	5,513	308.4	4.26	1,705	98.6	2.44	686	35.9	1.40	558	29.7	1.29	418	23.1	1.14	208	10.9	0.77
CA: Los Angeles	10,845	291.9	2.89	3,508	96.6	1.67	1,293	32.4	0.92	1,094	28.0	0.87	794	21.4	0.77	369	8.9	0.48
Colorado	1,723	260.7	6.32	594	89.9	3.71	178	27.6	2.08	161	24.1	1.91	105	15.7	1.54	58	8.8	1.17
Connecticut	4,087	295.9	4.67	1,299	94.6	2.64	447	31.6	1.50	364	25.7	1.36	296	21.5	1.26	134	9.3	0.81
Delaware	2,468	339.5	6.94	777	107.0	3.89	331	43.6	2.42	211	28.4	1.98	177	23.8	1.80	87	11.3	1.22
Florida	31,023	285.7	1.64	9,199	86.1	0.91	2,803	24.6	0.47	2,971	26.4	0.49	2,389	21.7	0.45	1,037	9.0	0.28
Georgia	31,869	309.2	1.75	10,610	102.6	1.00	3,080	29.4	0.53	3,234	30.9	0.55	2,142	20.4	0.44	1,056	10.0	0.31
Hawaii	143	262.7	22.72	51	90.6	12.96	14	32.2	8.74	9	18.9	6.47	7	12.5	4.93	-	-	-
Idaho	43	213.9	34.49	12	59.8	18.17	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	23,504	337.9	2.25	7,171	106.2	1.28	3,417	46.0	0.80	2,427	33.5	0.70	1,652	23.5	0.59	803	10.7	0.38
Indiana	6,375	318.5	4.04	1,980	100.9	2.29	938	45.4	1.50	625	30.2	1.22	393	19.7	1.00	231	11.0	0.74
Iowa	738	341.3	12.80	191	87.7	6.43	93	45.8	4.82	60	28.0	3.68	52	25.5	3.59	26	12.8	2.55
Kansas	1,638	315.9	7.91	495	97.3	4.43	220	41.0	2.80	148	27.9	2.34	92	17.9	1.88	49	9.0	1.31
Kentucky	4,033	345.8	5.55	1,161	101.3	3.03	653	53.9	2.14	406	33.7	1.71	250	21.7	1.39	136	11.1	0.98
Louisiana	16,482	327.7	2.60	5,267	106.5	1.49	1,881	35.5	0.83	1,857	36.1	0.85	933	18.2	0.60	546	10.0	0.44
Maine	84	253.0	28.28	24	70.3	14.64	8	22.8	8.17	6	19.2	8.05	8	24.6	8.83	-	-	-
Maryland	20,789	309.4	2.18	6,980	105.0	1.27	2,388	33.8	0.70	1,795	26.0	0.62	1,519	22.1	0.57	713	10.1	0.38
Massachusetts	5,031	282.6	4.02	1,596	90.6	2.28	535	29.5	1.28	429	23.6	1.15	353	19.7	1.05	155	8.1	0.67
Michigan	16,524	324.3	2.59	4,964	100.0	1.45	2,385	44.1	0.92	1,603	30.5	0.78	1,117	21.6	0.66	638	11.5	0.46
MI: Metropolitan Detroit	12,972	345.3	3.13	3,893	106.9	1.76	1,834	45.5	1.08	1,288	32.9	0.95	845	22.1	0.78	496	12.0	0.55
Minnesota	2,011	303.6	6.93	561	81.4	3.51	232	38.4	2.57	187	29.0	2.16	137	22.1	1.91	69	11.3	1.38
Mississippi	11,621	313.1	2.95	3,560	97.8	1.66	1,332	34.3	0.95	1,410	36.6	0.99	727	19.3	0.72	404	10.2	0.52
Missouri	8,245	337.8	3.79	2,529	106.3	2.15	1,201	46.8	1.37	782	31.1	1.13	495	20.2	0.92	288	11.1	0.67

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Black, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Pancreas		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	15	148.7	39.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	750	316.5	11.62	197	84.0	6.01	115	48.9	4.58	68	29.0	3.53	42	18.2	2.81	30	12.3	2.26
New Hampshire	80	190.2	21.73	27	65.3	12.89	6	15.6	6.41	8	17.1	6.08	6	14.6	6.01	-	-	-
New Jersey	15,156	314.3	2.60	4,720	99.4	1.47	1,698	33.3	0.82	1,461	29.1	0.78	1,095	22.3	0.68	528	10.1	0.45
New Mexico	328	221.1	12.41	101	69.9	7.07	40	25.7	4.14	31	21.2	3.86	20	13.8	3.15	10	5.9	1.91
New York	40,587	304.5	1.55	12,195	93.9	0.87	4,083	28.5	0.45	3,666	26.1	0.44	3,474	25.6	0.44	1,422	9.7	0.26
North Carolina	25,223	314.1	2.02	8,309	105.5	1.18	2,912	34.4	0.64	2,253	27.1	0.58	1,687	20.6	0.51	904	10.5	0.35
North Dakota	33	157.7	31.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	16,396	317.0	2.54	5,069	100.3	1.44	2,484	45.1	0.92	1,485	27.9	0.74	1,022	19.6	0.62	578	10.1	0.43
Oklahoma	2,915	317.5	5.94	903	100.3	3.37	374	39.3	2.05	281	29.8	1.80	176	19.0	1.44	90	9.3	0.99
Oregon	664	294.4	11.51	212	94.2	6.51	85	38.0	4.16	50	22.3	3.17	44	20.0	3.02	24	10.4	2.14
Pennsylvania	17,915	347.3	2.66	5,021	99.9	1.44	2,671	49.0	0.96	1,615	30.2	0.77	1,229	23.6	0.68	632	11.2	0.46
Rhode Island	603	256.9	10.60	192	81.8	5.97	71	31.0	3.75	45	18.3	2.78	38	16.9	2.76	21	8.5	1.90
South Carolina	14,994	302.9	2.54	4,922	102.4	1.50	1,571	29.6	0.75	1,432	27.9	0.76	1,110	21.5	0.66	568	10.5	0.45
South Dakota	48	218.8	33.66	18	83.0	20.22	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	11,462	310.7	2.94	3,607	98.9	1.67	1,426	37.4	1.00	1,159	30.7	0.92	679	18.1	0.70	391	10.1	0.52
Texas	31,109	303.1	1.73	9,679	94.6	0.97	3,516	33.9	0.58	3,165	30.1	0.54	1,864	18.0	0.42	1,084	10.4	0.32
Utah	139	226.0	20.01	33	55.3	9.97	18	33.6	8.14	11	18.0	5.68	9	17.0	5.79	-	-	-
Vermont	30	205.0	39.56	9	53.7	18.14	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	17,974	302.6	2.31	6,147	105.9	1.38	2,154	34.2	0.75	1,709	27.8	0.69	1,151	19.2	0.57	676	10.5	0.41
Washington	2,212	295.8	6.38	709	93.9	3.57	230	32.8	2.20	188	25.0	1.85	146	19.7	1.65	64	8.7	1.11
WA: Seattle/Puget Sound	2,105	316.7	7.00	682	101.4	3.93	218	35.1	2.42	175	26.2	2.01	135	20.6	1.80	64	9.8	1.25
West Virginia	693	305.3	12.11	215	99.7	7.07	97	39.5	4.13	76	32.0	3.80	38	15.8	2.63	23	9.4	2.02
Wisconsin	3,782	377.2	6.17	1,105	109.8	3.32	540	54.6	2.37	335	33.2	1.82	241	24.0	1.56	131	13.1	1.15
Wyoming	27	150.1	30.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Black race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

# NAACCR U.S. Combined Incidence 2012-2016, The Asian/Pacific Islander Population



**UNITED STATES**

19 Combined Incidence – Asian/Pacific Islander



**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR United States Combined, 2012-2016, Asian/Pacific Islander (API)**

SITES	Count	MALES (API)				FEMALES (API)				
		Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	112,000	292.3	0.91	214.4	0.64	143,085	289.4	0.78	225.9	0.60
Oral Cavity & Pharynx	4,701	11.3	0.17	8.9	0.13	2,597	5.2	0.10	4.1	0.08
Lip	48	0.1	0.02	0.1	0.01	38	0.1	0.01	0.1	0.01
Tongue	1,006	2.4	0.08	1.9	0.06	764	1.6	0.06	1.2	0.04
Major salivary gland	454	1.1	0.05	0.9	0.04	455	0.9	0.04	0.8	0.04
Floor of mouth	105	0.3	0.03	0.2	0.02	62	0.1	0.02	0.1	0.01
Gum & other mouth	786	1.9	0.07	1.5	0.05	476	1.0	0.05	0.7	0.03
Nasopharynx	1,477	3.3	0.09	2.8	0.07	578	1.1	0.05	1.0	0.04
Oropharynx	90	0.2	0.02	0.2	0.02	28	0.1	0.01	0.0	0.01
Hypopharynx	252	0.7	0.05	0.5	0.03	47	0.1	0.01	0.1	0.01
Digestive System	34,020	88.6	0.50	64.4	0.35	26,818	56.7	0.35	40.3	0.25
Esophagus	1,357	3.6	0.10	2.6	0.07	435	0.9	0.05	0.6	0.03
Stomach	4,888	13.3	0.20	9.3	0.13	3,711	7.9	0.13	5.6	0.09
Small intestine	571	1.5	0.06	1.1	0.05	443	0.9	0.04	0.7	0.03
Colon excl. rectum	8,385	22.0	0.25	15.9	0.17	8,408	17.7	0.20	12.6	0.14
Rectum & rectosigmoid	5,449	13.3	0.19	10.3	0.14	3,961	8.0	0.13	6.1	0.10
Anus, anal canal & anorectum	166	0.4	0.03	0.3	0.02	223	0.5	0.03	0.3	0.02
Liver	7,140	17.8	0.22	13.5	0.16	2,864	6.2	0.12	4.3	0.08
Gallbladder	358	1.0	0.06	0.7	0.04	705	1.5	0.06	1.1	0.04
Pancreas	3,674	10.1	0.17	7.0	0.11	3,963	8.7	0.14	5.8	0.09
Respiratory System	16,709	46.5	0.37	31.7	0.25	13,262	28.4	0.25	19.8	0.17
Larynx	752	2.0	0.07	1.4	0.05	118	0.2	0.02	0.2	0.02
Lung & bronchus	15,531	43.4	0.36	29.4	0.24	12,885	27.6	0.25	19.2	0.17
Bones & Joints	369	0.8	0.04	0.8	0.04	262	0.5	0.03	0.5	0.03
Soft Tissue (incl. heart)	1,149	2.8	0.09	2.3	0.07	1,039	2.1	0.07	1.8	0.06
Skin (excl. basal & sq.)	957	2.5	0.08	1.8	0.06	896	1.8	0.06	1.4	0.05
Melanomas of the skin	594	1.5	0.06	1.1	0.05	586	1.2	0.05	0.9	0.04
Breast (excl. <i>in situ</i> )	259	0.7	0.04	0.5	0.03	47,546	93.2	0.43	75.7	0.35
Female Genital System	-	-	-	-	-	18,750	36.4	0.27	30.0	0.22
Cervix uteri	-	-	-	-	-	3,105	6.0	0.11	5.0	0.09
Uterus Corpus	-	-	-	-	-	9,611	18.4	0.19	15.3	0.16
Uterus, NOS <sup>1</sup>	-	-	-	-	-	304	0.6	0.04	0.5	0.03
Ovary	-	-	-	-	-	4,627	9.1	0.14	7.5	0.11
Male Genital System	21,758	55.6	0.39	41.5	0.28	-	-	-	-	-
Prostate	20,489	52.9	0.38	38.9	0.27	-	-	-	-	-
Testis	996	2.0	0.06	2.0	0.07	-	-	-	-	-
Penis	169	0.5	0.04	0.3	0.02	-	-	-	-	-
Urinary System	9,756	26.6	0.28	18.5	0.19	4,328	9.2	0.14	6.6	0.10
Bladder (incl. <i>in situ</i> )	5,073	14.8	0.22	9.6	0.13	1,640	3.6	0.09	2.4	0.06
Kidney & renal pelvis	4,413	11.0	0.17	8.4	0.13	2,458	5.1	0.10	3.9	0.08
Ureter	173	0.5	0.04	0.3	0.03	164	0.4	0.03	0.2	0.02
Eye & Orbit	133	0.3	0.03	0.3	0.03	129	0.3	0.02	0.3	0.03
Brain & Other CNS <sup>1</sup>	1,804	4.2	0.10	3.7	0.09	1,557	3.2	0.08	2.8	0.08
Brain	1,667	3.9	0.10	3.4	0.09	1,423	2.9	0.08	2.6	0.07
Endocrine System	3,636	8.2	0.14	7.1	0.12	11,844	22.6	0.21	20.2	0.19
Thyroid gland	3,189	7.2	0.13	6.2	0.11	11,442	21.8	0.21	19.5	0.18
Lymphomas	6,750	17.2	0.22	13.2	0.16	5,671	11.8	0.16	9.1	0.12
Hodgkin Lymphoma	691	1.5	0.06	1.5	0.06	519	1.0	0.04	1.0	0.05
Non-Hodgkin Lymphoma	6,059	15.7	0.21	11.7	0.15	5,152	10.8	0.15	8.1	0.11
Multiple Myeloma	1,789	4.8	0.12	3.4	0.08	1,398	2.9	0.08	2.1	0.06
Leukemias	3,821	9.7	0.16	7.8	0.13	2,958	6.2	0.12	5.2	0.10
Acute lymphocytic	709	1.6	0.06	1.8	0.07	572	1.2	0.05	1.4	0.06
Chronic lymphocytic	577	1.5	0.07	1.1	0.05	337	0.7	0.04	0.5	0.03
Acute myeloid	1,503	3.9	0.11	3.0	0.08	1,333	2.8	0.08	2.2	0.06
Chronic myeloid	631	1.5	0.06	1.2	0.05	424	0.9	0.04	0.7	0.03
Other leukemias	401	1.1	0.06	0.8	0.04	292	0.6	0.04	0.5	0.03
Mesothelioma	181	0.5	0.04	0.3	0.03	65	0.1	0.02	0.1	0.01
Kaposi Sarcoma	140	0.3	0.03	0.3	0.02	13	0.0	0.01	0.0	0.01
Ill-defined & Unknown	4,068	11.6	0.19	7.8	0.12	3,952	8.6	0.14	5.8	0.10
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malignant)	2,807	6.9	0.14	5.5	0.10	6,126	12.5	0.16	9.7	0.13
Breast ( <i>in situ</i> )	35	0.1	0.02	0.1	0.01	15,019	29.3	0.24	24.1	0.20

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the API race category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers**  
**Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Asian/Pacific Islander, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Liver & IBD <sup>3</sup>			Non-Hodgkin Lymphoma		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>112,000</b>	<b>214.4</b>	<b>0.64</b>	<b>20,489</b>	<b>38.9</b>	<b>0.27</b>	<b>15,531</b>	<b>29.4</b>	<b>0.24</b>	<b>13,834</b>	<b>26.2</b>	<b>0.22</b>	<b>7,746</b>	<b>14.7</b>	<b>0.17</b>	<b>6,059</b>	<b>11.7</b>	<b>0.15</b>
Alabama	314	215.8	12.60	70	50.2	6.14	45	33.7	5.20	25	14.9	3.07	25	16.9	3.49	11	7.4	2.31
Alaska	290	226.8	13.74	46	37.6	5.70	45	37.5	5.76	42	31.8	5.06	21	15.8	3.56	22	17.2	3.81
Arizona	946	160.6	5.25	157	27.3	2.18	131	22.8	2.00	102	17.2	1.72	69	11.7	1.41	50	8.4	1.20
Arkansas	262	260.5	16.80	37	37.7	6.34	36	39.1	6.70	35	35.1	6.11	24	21.4	4.47	18	16.7	4.22
California	40,985	213.7	1.07	7,258	37.0	0.44	6,020	30.1	0.39	5,412	28.0	0.38	2,905	15.0	0.28	2,317	12.4	0.26
CA: Greater California	14,687	203.4	1.69	2,590	35.1	0.69	2,144	28.9	0.63	1,894	26.0	0.60	1,116	15.3	0.46	813	11.5	0.41
CA: Greater Bay Area	14,441	227.4	1.92	2,731	42.6	0.82	2,131	32.1	0.70	1,788	27.9	0.66	1,033	16.1	0.50	848	13.7	0.48
CA: Los Angeles	11,857	211.7	2.00	1,937	33.4	0.76	1,745	29.3	0.71	1,730	30.5	0.75	756	13.5	0.50	656	11.9	0.48
Colorado	838	195.6	6.81	126	30.6	2.74	107	25.9	2.52	109	25.0	2.42	72	16.3	1.94	55	13.0	1.76
Connecticut	639	165.8	6.67	93	25.1	2.63	67	18.1	2.25	74	17.9	2.11	55	14.7	2.00	35	9.2	1.59
Delaware	196	201.6	14.51	45	46.6	6.97	19	20.7	4.80	14	14.5	3.90	12	12.3	3.59	14	15.0	4.05
Florida	2,940	170.3	3.16	554	31.0	1.32	379	21.5	1.11	356	20.4	1.08	160	9.1	0.72	183	10.9	0.81
Georgia	1,960	203.5	4.69	340	36.6	2.01	172	18.9	1.47	266	27.3	1.71	143	14.5	1.24	112	11.5	1.11
Hawaii	10,579	287.0	2.90	2,230	58.1	1.25	1,653	41.9	1.06	1,382	39.0	1.08	500	13.9	0.64	504	13.8	0.64
Idaho	130	214.3	19.21	22	35.5	7.72	15	27.2	7.19	16	28.6	7.36	10	16.0	5.14	-	-	-
Illinois	4,058	205.8	3.25	785	38.5	1.38	531	26.7	1.16	533	26.8	1.16	242	12.3	0.80	201	10.4	0.74
Indiana	475	182.0	8.67	76	32.3	3.77	46	18.0	2.73	58	21.4	2.88	23	8.9	1.92	24	8.6	1.83
Iowa	283	229.2	14.29	35	31.6	5.42	39	36.5	6.06	40	31.2	5.13	33	27.0	4.82	16	13.4	3.53
Kansas	373	209.7	11.09	54	31.4	4.31	39	22.7	3.70	46	24.8	3.71	36	19.9	3.35	22	12.6	2.78
Kentucky	215	165.2	11.65	29	25.0	4.76	24	17.7	3.71	35	26.3	4.63	17	13.9	3.42	15	11.0	2.95
Louisiana	521	230.6	10.27	75	33.9	3.98	69	31.1	3.82	72	32.2	3.85	66	27.6	3.44	22	9.6	2.06
Maine	55	155.7	21.35	9	24.0	8.03	-	-	-	7	19.2	7.28	7	18.9	7.14	-	-	-
Maryland	2,253	196.4	4.15	504	43.2	1.92	264	22.9	1.41	250	21.5	1.36	135	11.6	1.00	104	9.2	0.91
Massachusetts	2,279	218.5	4.61	386	38.5	1.96	361	35.7	1.88	246	23.3	1.49	195	18.7	1.35	101	9.6	0.97
Michigan	1,317	187.4	5.21	283	40.9	2.45	137	20.4	1.76	168	23.8	1.86	60	8.3	1.07	83	11.6	1.28
MI: Metropolitan Detroit	907	203.1	6.82	231	52.0	3.44	93	21.5	2.26	102	22.4	2.24	34	7.3	1.26	45	9.6	1.44
Minnesota	1,016	219.4	7.09	132	32.1	2.82	143	33.2	2.84	119	25.4	2.39	103	22.6	2.28	58	12.2	1.65
Mississippi	153	210.2	17.28	30	42.6	7.90	23	32.1	6.79	12	16.3	4.78	12	16.7	4.93	7	8.9	3.40
Missouri	516	187.0	8.32	78	29.9	3.39	75	28.9	3.35	66	24.1	2.99	43	15.2	2.33	30	9.9	1.83

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Asian/Pacific Islander, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Liver & IBD <sup>3</sup>			Non-Hodgkin Lymphoma		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	50	265.7	38.23	9	46.2	15.42	-	-	-	6	32.7	13.46	6	28.6	11.95	-	-	-
Nebraska	178	219.9	16.95	32	45.2	8.08	23	31.5	6.68	15	16.9	4.44	23	27.6	5.93	9	11.3	3.86
New Hampshire	150	210.8	17.78	30	43.3	8.05	13	19.8	5.66	19	26.1	6.14	12	17.2	5.18	6	8.2	3.49
New Jersey	4,773	197.7	2.89	1,077	43.8	1.34	515	21.6	0.96	533	21.4	0.93	238	9.8	0.64	259	10.7	0.67
New Mexico	219	215.2	14.62	62	60.8	7.77	16	15.8	3.99	20	20.2	4.54	19	18.6	4.29	6	5.8	2.37
New York	13,034	252.8	2.23	2,301	43.5	0.91	1,896	36.3	0.84	1,437	27.5	0.73	881	16.9	0.57	619	12.2	0.50
North Carolina	1,037	177.5	5.65	207	37.7	2.64	140	24.9	2.15	115	19.3	1.85	64	10.7	1.36	60	10.1	1.35
North Dakota	35	200.8	38.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	991	172.1	5.51	209	37.1	2.58	118	21.6	2.00	126	21.6	1.94	53	9.0	1.25	53	8.9	1.24
Oklahoma	432	232.9	11.45	68	37.5	4.60	56	31.1	4.23	59	31.7	4.23	39	21.2	3.47	27	14.3	2.84
Oregon	1,099	229.5	6.97	176	37.5	2.84	163	34.5	2.72	131	27.2	2.39	104	21.6	2.13	59	12.4	1.63
Pennsylvania	2,136	202.5	4.41	371	35.5	1.85	273	26.7	1.63	228	21.7	1.45	165	15.3	1.20	107	10.0	0.97
Rhode Island	151	178.0	14.66	22	26.4	5.66	20	23.9	5.38	13	16.7	4.68	22	25.6	5.54	12	13.9	4.08
South Carolina	333	173.8	9.68	63	33.6	4.30	51	26.6	3.77	37	19.6	3.27	10	5.1	1.65	30	15.4	2.89
South Dakota	37	230.3	42.17	-	-	-	-	-	-	-	-	-	7	29.8	12.27	-	-	-
Tennessee	515	194.3	8.74	105	42.3	4.17	69	27.4	3.37	58	21.7	2.90	38	14.0	2.30	30	11.0	2.07
Texas	5,788	182.9	2.44	1,020	32.9	1.04	743	24.3	0.90	667	20.6	0.81	509	15.7	0.70	346	10.8	0.59
Utah	518	250.4	11.27	107	55.2	5.42	42	22.3	3.51	49	23.2	3.37	38	19.0	3.16	28	12.8	2.47
Vermont	48	283.8	42.56	-	-	-	-	-	-	6	34.8	14.65	-	-	-	-	-	-
Virginia	2,391	173.0	3.56	423	30.7	1.50	327	24.2	1.35	258	18.1	1.14	178	12.7	0.95	124	8.8	0.80
Washington	3,859	229.9	3.71	641	38.4	1.52	525	31.7	1.39	484	28.3	1.29	312	18.3	1.04	226	13.4	0.90
WA: Seattle/Puget Sound	3,697	244.7	4.04	625	41.6	1.67	502	33.6	1.51	472	30.7	1.42	290	18.9	1.11	223	14.7	0.99
West Virginia	61	150.5	19.70	7	15.6	5.90	18	40.2	9.52	11	27.6	8.40	-	-	-	-	-	-
Wisconsin	545	207.4	9.21	91	39.7	4.20	60	26.2	3.45	65	23.5	3.02	51	19.6	2.81	37	12.7	2.20
Wyoming	27	194.8	38.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the API race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: IBD - Intrahepatic Bile Duct; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
 Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Asian/Pacific Islander, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Thyroid			Uterus Corpus & Uterus, NOS <sup>3</sup>		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>143,085</b>	<b>225.9</b>	<b>0.60</b>	<b>47,546</b>	<b>75.7</b>	<b>0.35</b>	<b>12,885</b>	<b>19.2</b>	<b>0.17</b>	<b>12,369</b>	<b>18.7</b>	<b>0.17</b>	<b>11,442</b>	<b>19.5</b>	<b>0.18</b>	<b>9,915</b>	<b>15.7</b>	<b>0.16</b>
Alabama	447	212.9	10.15	137	62.6	5.38	40	20.1	3.20	45	21.8	3.28	27	12.2	2.35	16	7.5	1.88
Alaska	393	225.0	11.43	113	63.5	6.01	36	19.9	3.34	32	18.0	3.19	36	21.7	3.63	47	27.2	3.99
Arizona	1,559	191.1	4.87	530	64.4	2.80	166	19.9	1.54	116	14.0	1.30	143	18.1	1.53	98	11.8	1.19
Arkansas	405	291.9	14.74	123	88.9	8.14	35	27.1	4.64	40	29.7	4.78	30	19.9	3.69	20	13.6	3.08
California	52,953	230.0	1.03	17,845	79.9	0.61	4,776	18.6	0.28	4,891	19.7	0.29	3,448	17.4	0.30	3,857	17.1	0.28
CA: Greater California	19,628	224.1	1.63	6,424	74.9	0.94	1,754	18.3	0.44	1,806	19.5	0.47	1,404	17.9	0.49	1,433	16.6	0.44
CA: Greater Bay Area	17,788	235.0	1.82	6,205	84.4	1.08	1,662	19.6	0.49	1,509	18.6	0.49	1,020	15.6	0.50	1,311	17.6	0.49
CA: Los Angeles	15,537	232.7	1.96	5,216	81.7	1.16	1,360	17.7	0.50	1,576	21.2	0.56	1,024	18.6	0.61	1,113	17.4	0.53
Colorado	1,204	200.4	5.82	373	61.3	3.18	123	20.6	1.87	118	19.5	1.81	110	18.2	1.74	74	12.2	1.42
Connecticut	919	194.8	6.50	350	71.5	3.86	63	14.5	1.84	60	13.2	1.73	102	20.4	2.05	42	8.7	1.35
Delaware	238	208.1	13.52	87	76.4	8.20	17	15.0	3.64	7	6.1	2.31	37	31.8	5.23	12	10.2	2.94
Florida	4,087	184.0	2.91	1,375	61.4	1.66	364	15.8	0.83	321	14.1	0.79	284	13.7	0.82	276	12.1	0.73
Georgia	2,426	206.8	4.25	822	67.1	2.36	171	15.3	1.18	207	17.9	1.25	205	16.7	1.18	127	10.6	0.94
Hawaii	12,306	300.7	2.94	4,231	109.0	1.77	1,238	24.7	0.75	1,163	26.0	0.84	629	21.1	0.88	1,011	27.9	0.92
Idaho	200	224.4	16.06	63	70.3	8.89	16	18.7	4.73	14	14.4	3.89	15	16.6	4.31	12	14.1	4.09
Illinois	4,988	216.4	3.10	1,799	77.8	1.84	369	15.2	0.80	422	17.9	0.87	451	20.6	0.98	360	15.4	0.81
Indiana	608	174.4	7.17	202	56.7	4.05	49	15.1	2.18	47	14.2	2.09	45	11.2	1.69	41	11.5	1.81
Iowa	354	221.7	12.04	109	66.4	6.46	25	17.2	3.50	29	19.3	3.66	22	10.8	2.36	24	14.7	3.04
Kansas	487	209.5	9.58	141	59.0	5.00	60	27.7	3.60	38	16.7	2.73	53	20.6	2.85	32	13.6	2.41
Kentucky	360	204.7	10.91	111	59.9	5.75	38	24.3	3.97	30	17.8	3.27	35	17.7	3.01	24	13.6	2.81
Louisiana	540	209.5	9.10	147	56.1	4.65	44	17.5	2.65	33	12.6	2.21	56	21.5	2.89	35	12.8	2.16
Maine	117	223.3	20.82	33	61.5	10.75	14	27.4	7.38	11	21.1	6.40	17	31.9	7.75	6	10.8	4.40
Maryland	2,914	215.2	4.02	988	72.2	2.30	199	14.2	1.01	223	16.1	1.08	310	24.1	1.39	198	14.4	1.03
Massachusetts	2,898	232.8	4.36	957	76.0	2.47	275	22.7	1.38	241	19.4	1.26	315	23.8	1.35	159	12.9	1.03
Michigan	1,718	203.7	4.94	602	69.7	2.85	167	20.4	1.58	112	13.4	1.28	123	14.2	1.29	118	13.9	1.28
MI: Metropolitan Detroit	1,080	211.1	6.48	388	73.8	3.76	95	19.0	1.96	68	13.5	1.65	83	16.2	1.80	79	15.2	1.72
Minnesota	1,375	231.5	6.36	371	61.7	3.26	106	19.5	1.91	127	22.2	1.99	118	17.4	1.64	99	15.1	1.55
Mississippi	236	230.3	15.12	68	63.9	7.79	29	30.1	5.64	23	22.4	4.70	17	16.3	3.96	10	9.0	2.84
Missouri	808	221.0	7.82	282	75.7	4.53	70	19.8	2.37	67	18.8	2.30	63	16.4	2.08	40	10.6	1.69

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, Asian/Pacific Islander, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Thyroid			Uterus Corpus & Uterus, NOS <sup>3</sup>		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Montana	79	253.0	28.69	30	93.0	17.08	9	29.5	9.91	-	-	-	-	-	-	7	22.0	8.37
Nebraska	218	197.3	13.51	53	47.3	6.55	19	18.2	4.21	18	16.9	4.02	31	25.3	4.62	9	8.6	2.90
New Hampshire	206	212.9	15.11	74	73.4	8.67	22	25.7	5.59	18	19.6	4.67	18	16.5	3.91	19	19.7	4.56
New Jersey	5,829	209.9	2.77	2,226	78.5	1.66	403	14.3	0.71	441	15.6	0.74	505	18.7	0.85	397	13.9	0.70
New Mexico	311	213.8	12.31	89	60.6	6.46	32	20.2	3.61	24	16.1	3.31	30	22.1	4.06	23	15.3	3.21
New York	14,853	253.9	2.11	4,494	77.1	1.15	1,406	22.9	0.62	1,174	19.3	0.57	1,762	31.7	0.76	974	16.4	0.53
North Carolina	1,524	200.8	5.21	514	65.0	2.90	156	22.3	1.80	110	14.8	1.42	118	14.1	1.31	96	12.2	1.26
North Dakota	60	253.8	35.36	12	45.3	13.33	-	-	-	7	36.8	14.88	15	52.8	15.03	-	-	-
Ohio	1,336	187.6	5.16	478	65.8	3.02	139	20.2	1.73	91	12.8	1.34	124	16.7	1.51	90	12.4	1.31
Oklahoma	605	232.4	9.50	182	68.3	5.08	66	26.7	3.30	61	23.6	3.04	33	12.1	2.11	45	17.1	2.55
Oregon	1,497	231.4	6.03	462	70.9	3.31	147	22.1	1.85	141	21.7	1.84	136	21.3	1.84	87	13.3	1.43
Pennsylvania	2,706	215.9	4.17	780	61.2	2.20	245	20.1	1.28	246	19.7	1.26	299	23.0	1.34	165	13.0	1.01
Rhode Island	227	227.9	15.26	71	69.9	8.33	16	17.0	4.27	19	18.7	4.33	19	17.7	4.09	18	18.2	4.32
South Carolina	519	199.9	8.84	163	61.2	4.81	52	20.2	2.82	53	20.4	2.82	31	12.0	2.16	28	10.8	2.05
South Dakota	57	212.5	29.31	17	60.3	15.11	6	22.8	9.65	7	25.9	10.06	-	-	-	-	-	-
Tennessee	659	188.3	7.40	209	58.0	4.04	69	20.6	2.50	64	18.5	2.33	47	13.0	1.91	43	12.0	1.84
Texas	7,128	185.7	2.22	2,328	58.5	1.22	605	16.2	0.66	632	16.6	0.66	611	15.6	0.64	429	10.9	0.53
Utah	687	257.0	9.91	208	76.9	5.38	45	18.0	2.71	70	27.0	3.27	55	19.2	2.61	84	30.5	3.35
Vermont	46	167.6	25.38	16	60.6	15.54	-	-	-	-	-	-	6	19.9	8.30	-	-	-
Virginia	3,543	198.9	3.36	1,181	64.5	1.88	314	17.9	1.01	259	14.5	0.90	459	25.7	1.21	225	12.3	0.82
Washington	5,474	241.3	3.30	1,827	81.0	1.90	530	22.5	0.99	433	18.5	0.90	366	17.1	0.90	352	15.6	0.83
WA: Seattle/Puget Sound	5,149	252.4	3.56	1,699	84.0	2.05	490	23.0	1.05	416	19.8	0.98	350	18.2	0.98	338	16.7	0.91
West Virginia	102	195.1	19.62	41	76.1	12.01	9	16.3	5.51	7	12.9	4.95	7	15.0	5.69	6	11.8	4.82
Wisconsin	843	245.3	8.58	219	63.5	4.35	93	30.1	3.14	69	20.8	2.53	71	18.0	2.19	69	19.4	2.37
Wyoming	36	191.3	32.20	13	64.3	18.01	-	-	-	-	-	-	-	-	-	-	-	-

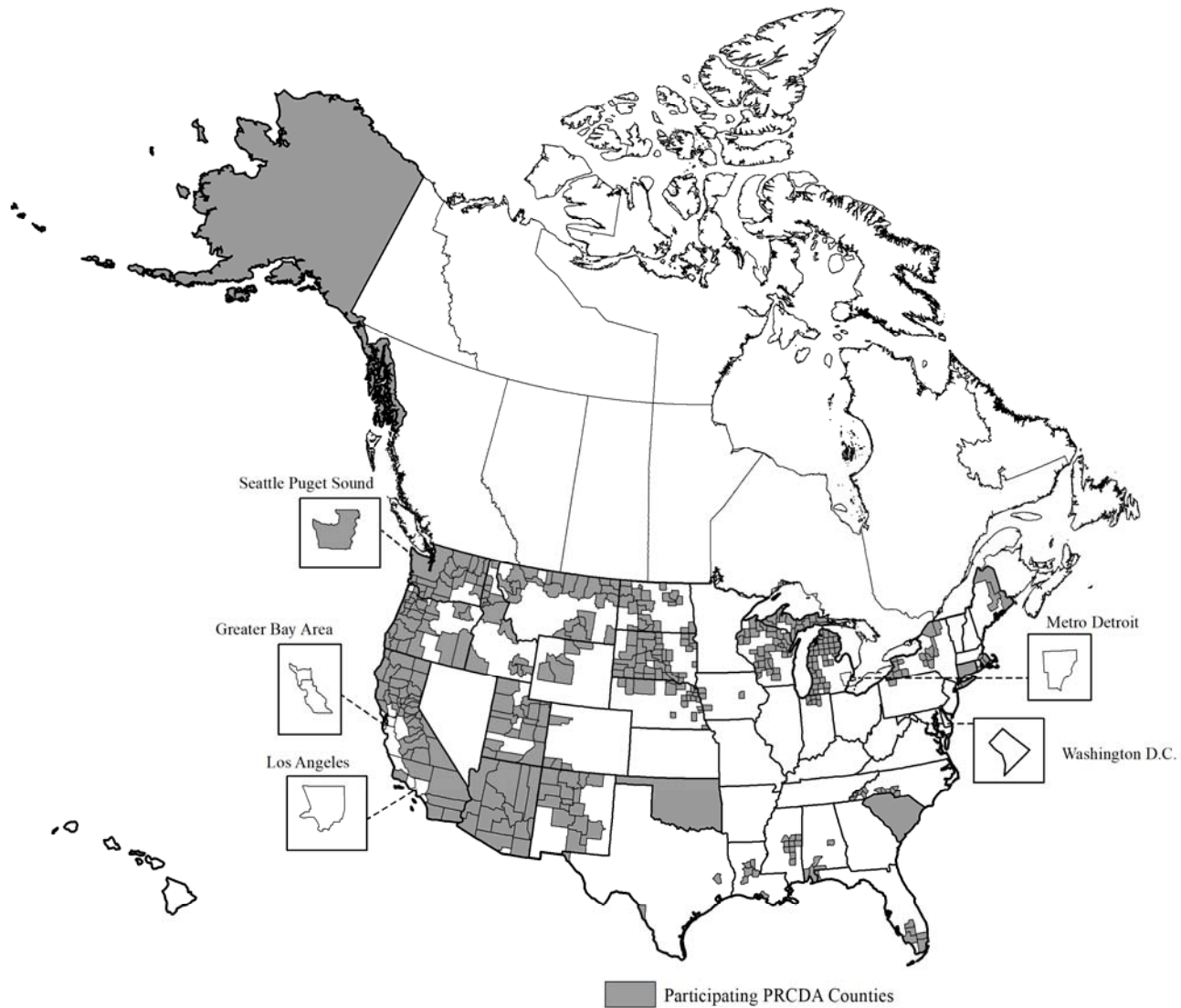
<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Asian/Pacific Islander race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

# NAACCR U.S. Combined Incidence 2012-2016, The American Indian/Alaskan Native PRCDA Counties Population



**UNITED STATES**

25 Combined Incidence – American Indian/Alaskan Native

**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\***  
**NAACCR United States Combined, 2012-2016, American Indian/Alaskan Native (AI/AN) for PRCDA<sup>1</sup> Counties**

SITES	MALES (AI/AN)					FEMALES (AI/AN)				
	Count	Adj. Rate		Adj. Rate		Count	Adj. Rate		Adj. Rate	
		2000 U.S.	S.E.	World	S.E.		2000 U.S.	S.E.	World	S.E.
All Sites (invasive & in situ bladder)	15,028	399.2	3.57	294.8	2.43	16,974	370.9	2.96	284.4	2.19
Oral Cavity & Pharynx	609	14.2	0.62	11.4	0.46	257	5.6	0.36	4.2	0.26
Lip	20	0.6	0.16	0.4	0.09	7	0.2	0.06	0.1	0.04
Tongue	148	3.4	0.30	2.8	0.23	67	1.4	0.17	1.1	0.13
Major salivary gland	37	0.9	0.15	0.7	0.12	36	0.8	0.13	0.6	0.10
Floor of mouth	40	0.8	0.13	0.7	0.11	19	0.4	0.10	0.3	0.07
Gum & other mouth	51	1.2	0.18	1.0	0.14	44	1.0	0.16	0.7	0.11
Nasopharynx	59	1.3	0.18	1.1	0.14	24	0.5	0.12	0.4	0.08
Oropharynx	34	0.8	0.14	0.6	0.11	8	0.2	0.06	0.1	0.04
Hypopharynx	48	1.3	0.20	0.9	0.13	20	0.5	0.11	0.3	0.07
Digestive System	4,204	110.5	1.86	81.8	1.28	3,388	77.2	1.38	56.2	0.97
Esophagus	281	7.5	0.49	5.5	0.33	89	2.0	0.22	1.5	0.15
Stomach	410	11.6	0.63	8.2	0.41	284	6.7	0.41	4.8	0.29
Small intestine	66	1.8	0.23	1.3	0.16	67	1.5	0.19	1.1	0.14
Colon excl. rectum	1,159	32.1	1.03	23.0	0.68	1,232	28.6	0.85	20.5	0.59
Rectum & rectosigmoid	670	16.4	0.69	12.7	0.50	491	10.4	0.49	8.2	0.37
Anus, anal canal & anorectum	44	1.0	0.16	0.8	0.12	68	1.4	0.17	1.1	0.13
Liver	866	20.2	0.74	16.2	0.55	384	8.6	0.46	6.3	0.32
Gallbladder	54	1.8	0.27	1.2	0.16	126	3.0	0.28	2.1	0.19
Pancreas	461	12.8	0.65	9.2	0.43	436	10.4	0.52	7.2	0.35
Respiratory System	2,261	65.9	1.51	46.0	0.98	2,164	50.5	1.13	36.0	0.78
Larynx	190	4.9	0.38	3.7	0.27	48	1.0	0.16	0.8	0.12
Lung & bronchus	2,032	60.1	1.45	41.5	0.93	2,090	48.8	1.11	34.8	0.76
Bones & Joints	55	1.0	0.15	1.0	0.13	39	0.7	0.11	0.7	0.11
Soft Tissue (incl. heart)	161	3.9	0.34	3.1	0.24	115	2.4	0.23	1.9	0.18
Skin (excl. basal & sq.)	381	10.6	0.60	7.6	0.39	343	7.4	0.42	5.9	0.32
Melanomas of the skin	343	9.5	0.56	6.8	0.37	281	6.0	0.37	4.8	0.29
Breast (excl. <i>in situ</i> )	13	0.3	0.10	0.2	0.07	4,453	94.7	1.47	74.6	1.12
Female Genital System	-	-	-	-	-	2,251	46.2	1.01	37.9	0.80
Cervix uteri	-	-	-	-	-	430	8.7	0.43	7.6	0.37
Uterus Corpus	-	-	-	-	-	1,114	22.4	0.69	18.6	0.56
Uterus, NOS <sup>1</sup>	-	-	-	-	-	42	0.9	0.14	0.7	0.11
Ovary	-	-	-	-	-	483	10.3	0.49	8.1	0.37
Male Genital System	2,857	74.3	1.52	55.9	1.06	-	-	-	-	-
Prostate	2,509	68.0	1.48	49.7	1.00	-	-	-	-	-
Testis	312	5.3	0.31	5.5	0.31	-	-	-	-	-
Penis	31	0.8	0.15	0.6	0.11	-	-	-	-	-
Urinary System	1,835	49.4	1.26	36.1	0.85	1,067	23.3	0.74	17.8	0.55
Bladder (incl. <i>in situ</i> )	598	18.9	0.85	12.4	0.51	226	5.4	0.37	3.7	0.25
Kidney & renal pelvis	1,215	29.7	0.92	23.2	0.67	827	17.5	0.63	13.9	0.48
Ureter	14	0.5	0.14	0.3	0.08	10	0.3	0.08	0.2	0.05
Eye & Orbit	22	0.5	0.13	0.4	0.09	23	0.4	0.09	0.4	0.08
Brain & Other CNS <sup>2</sup>	225	4.8	0.36	4.1	0.28	160	3.1	0.26	2.7	0.22
Brain	211	4.5	0.34	3.9	0.27	148	2.9	0.25	2.5	0.21
Endocrine System	238	5.2	0.36	4.4	0.29	833	16.2	0.58	14.4	0.50
Thyroid gland	207	4.6	0.34	3.9	0.27	802	15.5	0.56	13.9	0.49
Lymphomas	647	17.1	0.74	12.7	0.51	637	14.5	0.60	10.7	0.43
Hodgkin Lymphoma	73	1.5	0.19	1.3	0.16	61	1.2	0.16	1.1	0.14
Non-Hodgkin Lymphoma	574	15.6	0.72	11.4	0.48	576	13.3	0.58	9.7	0.40
Multiple Myeloma	283	8.1	0.53	5.7	0.34	240	5.6	0.37	4.0	0.26
Leukemias	536	12.9	0.63	10.2	0.45	390	8.0	0.43	6.6	0.34
Acute lymphocytic	121	1.9	0.19	2.1	0.19	91	1.5	0.17	1.6	0.16
Chronic lymphocytic	113	3.4	0.35	2.3	0.22	57	1.3	0.18	0.9	0.12
Acute myeloid	149	3.8	0.34	2.9	0.24	125	2.6	0.25	2.1	0.19
Chronic myeloid	87	2.1	0.25	1.7	0.18	64	1.4	0.18	1.1	0.14
Other leukemias	66	1.7	0.23	1.3	0.16	53	1.2	0.17	0.9	0.12
Mesothelioma	35	1.2	0.22	0.7	0.13	13	0.3	0.10	0.2	0.06
Kaposi Sarcoma	24	0.6	0.13	0.5	0.09	-	-	-	-	-
Ill-defined & Unknown	642	18.6	0.81	13.0	0.52	597	14.7	0.63	10.0	0.41
Selected tumors (non-invasive)										
Brain & Other CNS <sup>2</sup> (non-malignant)	295	7.3	0.48	5.6	0.33	651	13.9	0.57	11.1	0.44
Breast ( <i>in situ</i> )	-	-	-	-	-	844	17.4	0.62	14.1	0.49

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Statistics exclude data for KS and MN for all years. Puerto Rico is defined as "Other" race and therefore is not included in the AI/AN race category, see technical notes.  
 - Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> PRCDA - Indian Health Services Purchased/Referred Care Delivery Area (See Appendix G)

<sup>2</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers**  
**Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, American Indian/Alaskan Native for PRCDA<sup>3</sup> Counties, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Kidney & Renal Pelvis			Liver & IBD <sup>4</sup>		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>15,028</b>	<b>294.8</b>	<b>2.43</b>	<b>2,509</b>	<b>49.7</b>	<b>1.00</b>	<b>2,032</b>	<b>41.5</b>	<b>0.93</b>	<b>1,829</b>	<b>35.7</b>	<b>0.84</b>	<b>1,215</b>	<b>23.2</b>	<b>0.67</b>	<b>918</b>	<b>17.2</b>	<b>0.57</b>
Alabama	39	146.1	23.91	7	26.1	10.14	10	35.4	11.32	-	-	-	-	-	-	-	-	-
Alaska	1,045	366.1	11.51	96	35.1	3.65	180	66.0	5.00	174	61.6	4.74	64	21.8	2.76	36	11.6	1.95
Arizona	1,720	217.5	5.30	270	36.1	2.22	106	14.3	1.40	193	24.1	1.75	220	27.0	1.84	140	17.1	1.46
California	1,459	170.7	4.54	271	32.0	1.97	184	23.1	1.72	129	15.3	1.36	87	9.8	1.07	121	13.3	1.22
CA: Greater California	1,485	173.6	4.57	282	33.3	2.01	184	23.0	1.72	133	15.7	1.38	90	10.2	1.09	121	13.3	1.22
Colorado	27	162.2	31.77	-	-	-	6	40.4	16.71	-	-	-	-	-	-	-	-	-
Connecticut	47	92.8	13.93	6	13.6	5.75	6	13.9	5.79	-	-	-	-	-	-	-	-	-
Florida	99	160.9	16.35	23	38.1	8.04	10	15.6	4.98	10	15.7	4.97	8	12.8	4.53	-	-	-
Idaho	104	273.3	27.16	24	61.2	12.64	7	20.2	7.77	12	32.1	9.42	9	23.7	7.94	12	28.0	8.12
Indiana	14	135.2	36.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	37	446.3	77.49	-	-	-	7	85.0	33.09	-	-	-	-	-	-	-	-	-
Louisiana	20	171.6	38.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maine	63	407.3	53.11	13	79.7	22.35	14	86.8	23.81	-	-	-	-	-	-	-	-	-
Massachusetts	40	89.0	14.15	10	23.0	7.30	6	14.8	6.04	-	-	-	-	-	-	-	-	-
Michigan	493	410.0	18.77	76	62.1	7.25	103	86.1	8.62	66	56.4	7.05	31	24.5	4.46	25	19.2	3.90
Mississippi	69	434.1	54.47	9	55.0	18.59	-	-	-	8	48.7	17.84	6	36.7	15.52	9	58.8	19.83
Montana	505	400.7	18.28	94	74.6	7.85	71	60.1	7.31	66	52.5	6.65	52	40.2	5.71	22	16.3	3.53
Nebraska	102	323.6	34.17	13	41.1	11.71	12	44.5	13.72	12	38.4	11.58	9	22.2	7.47	15	43.2	11.54
New Mexico	1,108	224.7	6.79	169	35.2	2.73	51	10.8	1.52	187	37.4	2.76	122	24.4	2.22	81	16.0	1.79
New York	322	285.4	16.07	77	68.5	7.87	50	46.7	6.69	23	20.1	4.24	24	21.9	4.51	22	18.0	3.85
North Carolina	148	281.0	23.53	27	51.9	10.15	15	29.4	7.76	24	42.3	8.72	12	22.5	6.64	12	22.7	6.62
North Dakota	260	432.4	27.42	45	74.9	11.43	45	79.5	12.10	40	63.8	10.33	23	39.0	8.20	10	17.0	5.51
Oklahoma	4,344	456.6	6.98	722	74.9	2.81	726	77.3	2.89	518	54.5	2.41	337	35.0	1.92	197	19.9	1.43
Oregon	559	282.8	12.17	70	35.7	4.35	116	59.9	5.67	63	31.5	4.03	34	17.0	2.96	37	16.9	2.79
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	10	274.0	87.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	82	108.5	12.35	21	26.8	5.99	11	15.6	4.91	7	9.2	3.59	-	-	-	-	-	-
South Dakota	473	386.6	18.23	99	80.3	8.20	65	59.7	7.58	58	46.5	6.21	43	35.0	5.43	30	24.3	4.58



**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, American Indian/Alaskan Native for PRCDA<sup>3</sup> Counties, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Kidney & Renal Pelvis			Liver & IBD <sup>4</sup>		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Texas	46	184.6	27.40	19	76.4	17.65	-	-	-	-	-	-	-	-	-	-	-	-
Utah	86	189.7	20.77	14	34.3	9.29	-	-	-	14	30.1	8.12	8	17.7	6.31	6	13.8	5.64
Washington	1,176	352.0	10.62	207	61.2	4.36	141	44.8	3.90	125	37.6	3.49	69	18.9	2.30	96	27.0	2.84
WA: Seattle/Puget Sound	813	390.4	14.27	160	77.4	6.33	97	49.2	5.21	79	37.9	4.44	40	17.7	2.87	67	30.1	3.83
Wisconsin	454	476.6	23.39	94	97.9	10.45	62	68.3	9.03	59	61.8	8.44	29	27.6	5.24	22	23.5	5.30
Wyoming	46	184.6	27.40	19	76.4	17.65	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1.</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Statistics exclude data for KS and MN for all years. Puerto Rico is defined as "Other" race and therefore is not included in the AI/AN race category, see technical notes.

<sup>2.</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3.</sup> PRCDA – Indian Health Services Purchased/Referred Care Delivery Area (See Appendix G)

<sup>4.</sup> Abbreviations: IBD - Intrahepatic Bile Duct; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
 Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, American Indian/Alaskan Native for PRCDA<sup>3</sup> Counties, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>4</sup>			Kidney & Renal Pelvis		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>16,701</b>	<b>289.3</b>	<b>2.25</b>	<b>4,373</b>	<b>75.8</b>	<b>1.15</b>	<b>2,046</b>	<b>35.1</b>	<b>0.78</b>	<b>1,703</b>	<b>29.3</b>	<b>0.71</b>	<b>1,134</b>	<b>19.6</b>	<b>0.59</b>	<b>813</b>	<b>14.1</b>	<b>0.50</b>
Alabama	33	133.9	24.08	10	43.3	14.12	6	19.9	8.18	-	-	-	-	-	-	-	-	-
Alaska	1,268	402.1	11.38	353	113.0	6.07	158	49.5	3.96	212	67.6	4.68	45	14.0	2.11	53	17.0	2.36
Arizona	2,042	210.2	4.67	442	45.7	2.18	110	11.2	1.07	173	17.6	1.34	208	21.7	1.51	140	14.5	1.23
California	1,414	171.9	4.60	365	44.3	2.33	153	18.9	1.54	145	17.5	1.46	126	15.2	1.36	64	7.7	0.97
CA: Greater California	1,432	174.3	4.64	370	45.0	2.35	154	19.0	1.54	148	17.9	1.48	126	15.2	1.36	65	7.9	0.98
Colorado	49	249.0	36.12	14	76.7	20.78	-	-	-	6	26.7	10.96	8	39.8	14.20	-	-	-
Connecticut	56	97.8	13.29	20	34.5	7.81	10	18.8	6.03	-	-	-	-	-	-	-	-	-
Florida	109	165.2	16.01	39	57.6	9.30	10	14.0	4.43	15	21.5	5.58	9	14.3	4.79	-	-	-
Idaho	139	342.2	29.28	40	99.4	15.88	25	62.5	12.60	11	27.4	8.29	7	16.2	6.19	-	-	-
Indiana	9	85.3	29.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	48	420.7	61.27	11	88.8	26.96	-	-	-	7	65.7	25.15	-	-	-	-	-	-
Louisiana	21	151.7	33.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maine	75	469.1	54.88	30	183.2	33.71	15	91.9	24.03	-	-	-	-	-	-	-	-	-
Massachusetts	56	119.3	16.13	16	34.1	8.61	14	30.4	8.24	6	11.4	4.69	-	-	-	-	-	-
Michigan	521	385.3	17.05	131	95.9	8.47	125	92.1	8.30	47	34.0	5.00	24	17.9	3.68	13	9.6	2.68
Mississippi	75	388.1	45.37	8	38.6	13.66	-	-	-	16	81.9	20.55	7	37.5	14.65	-	-	-
Montana	536	360.0	15.67	131	87.9	7.74	79	53.6	6.06	59	38.7	5.09	36	23.7	4.00	35	23.6	4.03
Nebraska	119	301.1	28.97	36	90.6	15.59	15	41.5	11.30	12	34.4	10.68	-	-	-	6	12.1	4.94
New Mexico	1,407	224.6	6.04	324	52.1	2.91	46	6.8	1.02	153	23.8	1.94	141	23.4	1.99	78	12.3	1.41
New York	289	336.0	20.02	67	77.8	9.65	47	50.4	7.41	34	39.5	6.83	16	18.9	4.77	12	13.1	3.81
North Carolina	164	269.9	21.11	41	67.3	10.52	25	41.6	8.32	14	22.8	6.11	11	18.6	5.61	9	15.1	5.03
North Dakota	276	375.9	22.81	78	105.5	12.05	48	67.5	9.80	25	34.4	6.92	19	24.6	5.67	17	22.7	5.57
Oklahoma	4,717	429.0	6.29	1,317	120.7	3.35	697	61.2	2.33	447	40.0	1.91	257	23.4	1.47	232	21.0	1.39
Oregon	620	294.6	11.98	149	69.6	5.76	101	49.8	5.03	41	20.0	3.15	51	22.4	3.16	24	11.3	2.34
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	13	247.6	74.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	82	104.3	11.62	25	31.3	6.30	8	10.0	3.56	-	-	-	9	10.8	3.63	-	-	-
South Dakota	515	334.7	14.83	142	92.3	7.77	86	56.2	6.10	58	37.8	4.99	21	13.5	2.96	26	17.0	3.35

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR United States Combined<sup>2</sup>, 2012-2016, American Indian/Alaskan Native for PRCDA<sup>3</sup> Counties, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>4</sup>			Kidney & Renal Pelvis		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
Texas	35	128.4	21.81	6	22.5	9.21	-	-	-	-	-	-	-	-	-	-	-	-
Utah	100	178.7	18.03	22	39.8	8.53	-	-	-	14	25.1	6.75	7	12.5	4.77	-	-	-
Washington	1,318	341.3	9.50	391	100.3	5.12	146	39.0	3.27	128	34.5	3.09	78	18.7	2.14	46	11.4	1.70
WA: Seattle/Puget Sound	922	376.2	12.55	280	113.7	6.87	106	45.3	4.47	88	37.4	4.05	47	17.2	2.52	26	10.1	2.01
Wisconsin	518	451.7	19.97	127	109.8	9.81	89	78.3	8.34	49	42.4	6.10	34	28.1	4.85	20	17.5	3.94
Wyoming	35	128.4	21.81	6	22.5	9.21	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1.</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Statistics exclude data for KS and MN for all years. Puerto Rico is defined as "Other" race and therefore is not included in the AI/AN race category, see technical notes.

<sup>2.</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3.</sup> PRCDA – Indian Health Services Purchased/Referred Care Delivery Area (See Appendix G)

<sup>4.</sup> Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the U.S. combined.

**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR United States Combined, 2012-2016, Hispanic/Latino, All Races**

SITES	Count	MALES (HISPANIC/LATINO)				FEMALES (HISPANIC/LATINA)				
		Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	336,463	375.9	0.69	277.7	0.48	370,638	330.9	0.56	258.0	0.43
Oral Cavity & Pharynx	10,315	10.9	0.11	8.4	0.08	4,629	4.2	0.06	3.2	0.05
Lip	389	0.5	0.02	0.3	0.02	189	0.2	0.01	0.1	0.01
Tongue	2,794	2.9	0.06	2.3	0.04	1,329	1.2	0.03	0.9	0.03
Major salivary gland	1,016	1.1	0.04	0.8	0.03	958	0.8	0.03	0.7	0.02
Floor of mouth	445	0.5	0.02	0.4	0.02	144	0.1	0.01	0.1	0.01
Gum & other mouth	1,276	1.4	0.04	1.1	0.03	965	0.9	0.03	0.7	0.02
Nasopharynx	578	0.6	0.02	0.4	0.02	241	0.2	0.01	0.2	0.01
Oropharynx	559	0.6	0.03	0.5	0.02	146	0.1	0.01	0.1	0.01
Hypopharynx	739	0.8	0.03	0.6	0.02	116	0.1	0.01	0.1	0.01
Digestive System	86,611	97.7	0.35	71.5	0.25	67,602	64.2	0.25	46.6	0.18
Esophagus	4,158	4.9	0.08	3.5	0.05	1,062	1.1	0.03	0.7	0.02
Stomach	10,149	11.9	0.13	8.4	0.08	8,024	7.5	0.09	5.5	0.06
Small intestine	1,833	2.0	0.05	1.5	0.04	1,663	1.5	0.04	1.2	0.03
Colon excl. rectum	24,331	28.2	0.19	20.2	0.13	22,768	21.6	0.15	15.6	0.10
Rectum & rectosigmoid	13,136	13.8	0.13	10.6	0.09	8,709	7.8	0.09	6.1	0.07
Anus, anal canal & anorectum	1,020	1.0	0.03	0.8	0.03	1,748	1.6	0.04	1.2	0.03
Liver	16,893	17.8	0.15	13.9	0.11	6,409	6.2	0.08	4.5	0.06
Gallbladder	898	1.1	0.04	0.8	0.03	2,386	2.3	0.05	1.7	0.03
Pancreas	9,787	11.7	0.13	8.3	0.08	10,005	9.9	0.10	6.8	0.07
Respiratory System	32,625	41.5	0.24	28.3	0.16	24,229	23.9	0.16	16.9	0.11
Larynx	4,058	4.7	0.08	3.4	0.05	635	0.6	0.02	0.4	0.02
Lung & bronchus	27,468	35.7	0.23	24.0	0.15	23,009	22.8	0.15	16.0	0.11
Bones & Joints	1,404	1.0	0.03	1.0	0.03	1,093	0.8	0.02	0.8	0.02
Soft Tissue (incl. heart)	3,749	3.5	0.06	2.8	0.05	3,212	2.6	0.05	2.2	0.04
Skin (excl. basal & sq.)	5,329	6.0	0.09	4.3	0.06	5,845	5.1	0.07	4.0	0.05
Melanomas of the skin	4,364	4.9	0.08	3.5	0.05	4,875	4.2	0.06	3.4	0.05
Breast (excl. <i>in situ</i> )	733	0.8	0.03	0.6	0.02	106,555	93.7	0.29	74.8	0.23
Female Genital System	-	-	-	-	-	54,623	46.8	0.20	38.3	0.16
Cervix uteri	-	-	-	-	-	12,069	9.8	0.09	8.4	0.08
Uterus Corpus	-	-	-	-	-	26,374	22.7	0.14	18.7	0.12
Uterus, NOS <sup>1</sup>	-	-	-	-	-	1,171	1.1	0.03	0.8	0.02
Ovary	-	-	-	-	-	11,363	9.9	0.09	7.9	0.07
Male Genital System	90,146	100.5	0.36	76.2	0.26	-	-	-	-	-
Prostate	80,865	94.0	0.35	69.9	0.25	-	-	-	-	-
Testis	7,808	4.8	0.06	5.1	0.06	-	-	-	-	-
Penis	1,320	1.5	0.04	1.1	0.03	-	-	-	-	-
Urinary System	34,066	39.7	0.23	28.3	0.15	18,146	16.7	0.13	12.6	0.09
Bladder (incl. <i>in situ</i> )	13,906	18.5	0.17	12.1	0.10	4,831	4.8	0.07	3.3	0.05
Kidney & renal pelvis	19,579	20.3	0.15	15.7	0.11	12,930	11.5	0.10	9.1	0.08
Ureter	331	0.5	0.03	0.3	0.02	245	0.3	0.02	0.2	0.01
Eye & Orbit	659	0.6	0.03	0.5	0.02	617	0.5	0.02	0.4	0.02
Brain & Other CNS <sup>1</sup>	6,384	5.6	0.08	4.8	0.06	5,506	4.4	0.06	3.8	0.05
Brain	5,923	5.3	0.07	4.4	0.06	5,028	4.0	0.06	3.5	0.05
Endocrine System	7,756	6.8	0.08	5.8	0.07	29,809	23.5	0.14	20.8	0.12
Thyroid gland	6,890	6.1	0.08	5.1	0.06	29,105	22.9	0.14	20.4	0.12
Lymphomas	21,480	22.2	0.16	16.9	0.12	19,027	17.1	0.13	13.3	0.10
Hodgkin Lymphoma	3,382	2.7	0.05	2.4	0.04	2,796	2.1	0.04	2.0	0.04
Non-Hodgkin Lymphoma	18,098	19.5	0.16	14.5	0.11	16,231	15.0	0.12	11.3	0.09
Multiple Myeloma	6,602	7.8	0.10	5.6	0.07	5,627	5.4	0.07	3.9	0.05
Leukemias	13,949	13.3	0.12	10.6	0.09	11,288	9.4	0.09	7.8	0.07
Acute lymphocytic	4,103	2.6	0.04	2.8	0.04	3,098	2.0	0.04	2.1	0.04
Chronic lymphocytic	2,383	3.0	0.06	2.0	0.04	1,793	1.8	0.04	1.2	0.03
Acute myeloid	3,867	4.0	0.07	3.0	0.05	3,593	3.1	0.05	2.5	0.04
Chronic myeloid	1,992	2.0	0.05	1.5	0.03	1,516	1.3	0.03	1.1	0.03
Other leukemias	1,604	1.7	0.05	1.3	0.03	1,288	1.2	0.03	0.9	0.02
Mesothelioma	816	1.1	0.04	0.7	0.02	330	0.3	0.02	0.2	0.01
Kaposi Sarcoma	1,213	1.1	0.03	0.9	0.03	125	0.1	0.01	0.1	0.01
Ill-defined & Unknown	12,626	15.7	0.15	10.5	0.09	12,375	12.1	0.11	8.3	0.08
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malig)	7,018	6.8	0.09	5.4	0.06	15,021	13.2	0.11	10.4	0.09
Breast ( <i>in situ</i> )	76	0.1	0.01	0.1	0.01	25,259	21.8	0.14	17.9	0.11

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the Hispanic/Latino, All Races ethnicity category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

N.B. In areas with small Latino populations, methods to indirectly identify Latinos (like NHIAv2) can overestimate the ethnicity-specific counts of cancer cases. Also, even small errors in Latino population estimates can affect the magnitude of the cancer rates. Data Item 190 used in place of NHIA for MA and RI, see technical notes.

## UNITED STATES

### 31 Combined Incidence – Hispanic/Latino, All Races

**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR United States Combined, 2012-2016, Non-Hispanic White**

SITES	Count	MALES (NON-HISPANIC WHITE)				FEMALES (NON-HISPANIC WHITE)				
		Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	3,156,656	501.2	0.29	371.6	0.22	3,065,984	440.6	0.26	342.1	0.22
Oral Cavity & Pharynx	126,423	19.5	0.06	15.5	0.04	49,383	6.9	0.03	5.4	0.03
Lip	6,438	1.0	0.01	0.7	0.01	2,406	0.3	0.01	0.2	0.01
Tongue	41,917	6.4	0.03	5.1	0.03	15,545	2.2	0.02	1.7	0.02
Major salivary gland	10,737	1.8	0.02	1.3	0.01	6,728	1.0	0.01	0.8	0.01
Floor of mouth	5,562	0.8	0.01	0.7	0.01	2,638	0.4	0.01	0.3	0.01
Gum & other mouth	12,431	2.0	0.02	1.5	0.01	10,087	1.4	0.01	1.0	0.01
Nasopharynx	3,446	0.6	0.01	0.5	0.01	1,418	0.2	0.01	0.2	0.01
Oropharynx	6,356	0.9	0.01	0.8	0.01	1,804	0.2	0.01	0.2	0.00
Hypopharynx	6,887	1.0	0.01	0.8	0.01	1,720	0.2	0.01	0.2	0.00
Digestive System	589,878	93.5	0.12	68.5	0.09	462,610	62.7	0.10	45.5	0.07
Esophagus	55,786	8.6	0.04	6.3	0.03	13,965	1.8	0.02	1.3	0.01
Stomach	47,833	7.6	0.04	5.4	0.03	25,764	3.5	0.02	2.5	0.02
Small intestine	17,051	2.7	0.02	2.0	0.02	14,615	2.1	0.02	1.6	0.01
Colon excl. rectum	184,191	30.0	0.07	21.4	0.05	185,528	25.2	0.06	17.8	0.05
Rectum & rectosigmoid	87,328	14.0	0.05	10.8	0.04	60,669	8.7	0.04	6.8	0.03
Anus, anal canal & anorectum	9,539	1.5	0.02	1.2	0.01	18,368	2.6	0.02	2.1	0.02
Liver	62,990	9.3	0.04	7.3	0.03	19,894	2.7	0.02	2.0	0.02
Gallbladder	4,215	0.7	0.01	0.5	0.01	8,387	1.1	0.01	0.7	0.01
Pancreas	93,192	14.7	0.05	10.4	0.03	84,387	11.0	0.04	7.7	0.03
Respiratory System	506,799	79.3	0.11	55.9	0.08	442,406	58.7	0.09	42.4	0.07
Larynx	37,845	5.8	0.03	4.4	0.02	10,193	1.4	0.01	1.1	0.01
Lung & bronchus	461,786	72.4	0.11	50.6	0.08	427,825	56.7	0.09	40.7	0.07
Bones & Joints	6,168	1.2	0.02	1.1	0.02	4,647	0.9	0.01	0.8	0.01
Soft Tissue (incl. heart)	23,362	4.1	0.03	3.3	0.02	17,577	2.8	0.02	2.4	0.02
Skin (excl. basal & sq.)	228,177	37.6	0.08	27.6	0.06	153,191	24.2	0.07	20.0	0.06
Melanomas of the skin	212,596	34.9	0.08	25.9	0.06	143,945	22.9	0.06	19.0	0.06
Breast (excl. <i>in situ</i> )	8,162	1.3	0.01	0.9	0.01	893,416	130.8	0.15	103.4	0.12
Female Genital System	-	-	-	-	-	351,493	51.0	0.09	41.3	0.08
Cervix uteri	-	-	-	-	-	38,150	7.1	0.04	6.3	0.03
Uterus Corpus	-	-	-	-	-	191,907	26.5	0.06	21.6	0.05
Uterus, NOS <sup>1</sup>	-	-	-	-	-	5,451	0.7	0.01	0.6	0.01
Ovary	-	-	-	-	-	79,976	11.6	0.04	9.2	0.04
Male Genital System	701,522	105.2	0.13	81.9	0.10	-	-	-	-	-
Prostate	663,250	97.2	0.12	74.1	0.09	-	-	-	-	-
Testis	31,919	7.0	0.04	7.0	0.04	-	-	-	-	-
Penis	4,958	0.8	0.01	0.6	0.01	-	-	-	-	-
Urinary System	393,731	63.3	0.10	44.5	0.07	158,437	21.7	0.06	16.0	0.04
Bladder (incl. <i>in situ</i> )	242,099	39.1	0.08	25.9	0.05	73,394	9.6	0.04	6.6	0.03
Kidney & renal pelvis	142,791	22.8	0.06	17.6	0.05	80,435	11.5	0.04	9.0	0.04
Ureter	5,527	0.9	0.01	0.6	0.01	3,266	0.4	0.01	0.3	0.01
Eye & Orbit	6,857	1.2	0.01	0.9	0.01	5,777	0.9	0.01	0.8	0.01
Brain & Other CNS <sup>1</sup>	49,104	8.6	0.04	7.5	0.04	38,473	6.2	0.03	5.5	0.03
Brain	46,636	8.1	0.04	7.0	0.04	36,022	5.8	0.03	5.0	0.03
Endocrine System	50,979	9.0	0.04	7.8	0.04	128,679	23.6	0.07	21.4	0.06
Thyroid gland	46,639	8.2	0.04	7.1	0.03	124,808	22.9	0.07	20.7	0.06
Lymphomas	164,143	27.5	0.07	21.0	0.06	132,509	19.1	0.06	14.9	0.05
Hodgkin Lymphoma	16,470	3.2	0.03	3.1	0.03	13,063	2.6	0.02	2.5	0.02
Non-Hodgkin Lymphoma	147,673	24.3	0.06	17.9	0.05	119,446	16.6	0.05	12.3	0.04
Multiple Myeloma	48,230	7.7	0.04	5.4	0.03	34,869	4.6	0.03	3.3	0.02
Leukemias	113,648	19.1	0.06	14.4	0.05	78,513	11.4	0.04	9.0	0.04
Acute lymphocytic	8,147	1.8	0.02	1.9	0.02	6,308	1.4	0.02	1.5	0.02
Chronic lymphocytic	45,257	7.2	0.03	5.0	0.02	28,440	3.7	0.02	2.6	0.02
Acute myeloid	32,443	5.4	0.03	4.0	0.02	24,653	3.6	0.02	2.8	0.02
Chronic myeloid	14,370	2.5	0.02	1.8	0.02	10,172	1.5	0.02	1.2	0.01
Other leukemias	13,431	2.3	0.02	1.6	0.02	8,940	1.2	0.01	0.9	0.01
Mesothelioma	10,595	1.8	0.02	1.1	0.01	3,315	0.4	0.01	0.3	0.01
Kaposi Sarcoma	2,110	0.4	0.01	0.3	0.01	325	0.0	0.00	0.0	0.00
Ill-defined & Unknown	126,768	20.9	0.06	14.0	0.04	110,364	14.5	0.05	9.9	0.03
Selected tumors (non-invasive)										
Brain & ONS <sup>1</sup> (non-malig)	52,336	9.1	0.04	7.3	0.03	103,685	15.6	0.05	12.5	0.04
Breast ( <i>in situ</i> )	853	0.1	0.00	0.1	0.00	204,352	31.0	0.07	25.3	0.06

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Non-Hispanic White ethnicity category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR United States Combined, 2012-2016, Non-Hispanic Black**

SITES	Count	MALES (NON-HISPANIC BLACK)				FEMALES (NON-HISPANIC BLACK)				
		Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	436,502	540.0	0.87	410.5	0.63	428,515	407.2	0.64	315.9	0.49
Oral Cavity & Pharynx	12,493	14.3	0.14	11.5	0.10	5,607	5.2	0.07	4.2	0.06
Lip	87	0.1	0.01	0.1	0.01	61	0.1	0.01	0.0	0.01
Tongue	2,885	3.3	0.06	2.6	0.05	1,149	1.0	0.03	0.8	0.02
Major salivary gland	998	1.2	0.04	1.0	0.03	1,211	1.1	0.03	1.0	0.03
Floor of mouth	646	0.7	0.03	0.6	0.02	281	0.3	0.02	0.2	0.01
Gum & other mouth	1,469	1.7	0.05	1.4	0.04	1,065	1.0	0.03	0.8	0.02
Nasopharynx	962	1.1	0.04	0.9	0.03	401	0.4	0.02	0.3	0.02
Oropharynx	962	1.1	0.04	0.9	0.03	309	0.3	0.02	0.2	0.01
Hypopharynx	1,453	1.7	0.05	1.3	0.04	340	0.3	0.02	0.2	0.01
Digestive System	96,651	120.8	0.42	90.6	0.29	83,702	80.1	0.28	59.2	0.21
Esophagus	5,288	6.6	0.10	4.9	0.07	2,339	2.2	0.05	1.6	0.03
Stomach	10,321	13.9	0.15	9.9	0.10	7,620	7.5	0.09	5.3	0.06
Small intestine	3,517	4.4	0.08	3.3	0.06	3,630	3.4	0.06	2.7	0.04
Colon excl. rectum	30,160	39.1	0.24	28.6	0.17	31,980	30.8	0.18	22.6	0.13
Rectum & rectosigmoid	12,188	14.8	0.14	11.3	0.10	9,781	9.2	0.09	7.2	0.07
Anus, anal canal & anorectum	1,756	2.0	0.05	1.7	0.04	1,923	1.8	0.04	1.4	0.03
Liver	15,638	16.7	0.14	14.0	0.11	5,045	4.5	0.07	3.6	0.05
Gallbladder	970	1.4	0.05	0.9	0.03	2,104	2.0	0.05	1.5	0.03
Pancreas	13,382	17.5	0.16	12.7	0.11	15,000	14.6	0.12	10.3	0.09
Respiratory System	69,972	92.0	0.37	66.5	0.25	53,162	50.8	0.23	37.3	0.16
Larynx	6,770	8.2	0.11	6.3	0.08	1,760	1.6	0.04	1.3	0.03
Lung & bronchus	62,319	82.7	0.35	59.4	0.24	50,784	48.6	0.22	35.5	0.16
Bones & Joints	839	0.9	0.03	0.8	0.03	736	0.7	0.03	0.7	0.03
Soft Tissue (incl. heart)	3,182	3.7	0.07	3.2	0.06	3,369	3.2	0.06	2.8	0.05
Skin (excl. basal & sq.)	1,752	2.2	0.06	1.7	0.04	1,868	1.8	0.04	1.4	0.03
Melanomas of the skin	847	1.1	0.04	0.8	0.03	932	0.9	0.03	0.7	0.02
Breast (excl. <i>in situ</i> )	1,467	1.9	0.05	1.4	0.04	134,501	126.7	0.35	101.0	0.28
Female Genital System	-	-	-	-	-	52,603	48.9	0.22	39.3	0.17
Cervix uteri	-	-	-	-	-	9,447	9.1	0.10	7.7	0.08
Uterus Corpus	-	-	-	-	-	27,457	24.9	0.15	19.9	0.12
Uterus, NOS <sup>1</sup>	-	-	-	-	-	1,912	1.8	0.04	1.4	0.03
Ovary	-	-	-	-	-	9,696	9.2	0.10	7.2	0.07
Male Genital System	149,361	175.6	0.48	137.4	0.36	-	-	-	-	-
Prostate	147,074	172.9	0.48	135.1	0.35	-	-	-	-	-
Testis	1,420	1.5	0.04	1.5	0.04	-	-	-	-	-
Penis	671	0.9	0.04	0.6	0.03	-	-	-	-	-
Urinary System	35,977	46.5	0.26	34.3	0.18	21,068	20.3	0.14	15.1	0.11
Bladder (incl. <i>in situ</i> )	13,724	19.8	0.18	13.4	0.11	6,585	6.6	0.08	4.4	0.06
Kidney & renal pelvis	21,714	25.9	0.19	20.4	0.14	13,982	13.2	0.11	10.4	0.09
Ureter	194	0.3	0.02	0.2	0.01	180	0.2	0.01	0.1	0.01
Eye & Orbit	266	0.3	0.02	0.3	0.02	239	0.2	0.02	0.2	0.02
Brain & Other CNS <sup>1</sup>	4,344	4.9	0.08	4.3	0.07	3,734	3.6	0.06	3.2	0.05
Brain	3,982	4.5	0.08	3.9	0.06	3,326	3.2	0.06	2.8	0.05
Endocrine System	4,360	5.0	0.08	4.2	0.06	15,709	14.9	0.12	13.0	0.11
Thyroid gland	3,424	4.0	0.07	3.3	0.06	14,722	14.0	0.12	12.1	0.10
Lymphomas	17,150	20.4	0.16	16.7	0.13	15,391	14.7	0.12	12.0	0.10
Hodgkin Lymphoma	2,968	3.1	0.06	3.0	0.06	2,506	2.4	0.05	2.3	0.05
Non-Hodgkin Lymphoma	14,182	17.3	0.15	13.7	0.12	12,885	12.3	0.11	9.7	0.09
Multiple Myeloma	12,289	16.3	0.16	11.8	0.11	12,446	12.1	0.11	8.8	0.08
Leukemias	10,893	14.0	0.14	10.7	0.10	9,373	9.1	0.10	7.2	0.08
Acute lymphocytic	1,114	1.1	0.03	1.2	0.04	906	0.9	0.03	0.9	0.03
Chronic lymphocytic	3,495	4.8	0.09	3.4	0.06	2,457	2.4	0.05	1.7	0.03
Acute myeloid	3,323	4.4	0.08	3.3	0.06	3,315	3.2	0.06	2.6	0.05
Chronic myeloid	1,731	2.2	0.05	1.7	0.04	1,508	1.5	0.04	1.2	0.03
Other leukemias	1,230	1.6	0.05	1.2	0.03	1,187	1.2	0.03	0.9	0.03
Mesothelioma	555	0.8	0.04	0.6	0.02	211	0.2	0.01	0.2	0.01
Kaposi Sarcoma	1,454	1.6	0.04	1.5	0.04	138	0.1	0.01	0.1	0.01
Ill-defined & Unknown	13,497	18.7	0.17	13.1	0.11	14,658	14.5	0.12	10.2	0.09
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malig)	6,880	8.6	0.11	6.7	0.08	16,115	15.5	0.12	12.2	0.10
Breast ( <i>in situ</i> )	194	0.2	0.02	0.2	0.01	34,863	32.4	0.18	26.2	0.14

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Non-Hispanic Black ethnicity category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

## UNITED STATES

33 Combined Incidence – Non-Hispanic Black



# NAACCR Canadian Combined Incidence 2012-2016, All Races Combined



## CANADA

35 Combined Incidence – All Races



**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR Canadian Combined, 2012-2016, All Races**

SITES	MALES (ALL RACES)					FEMALES (ALL RACES)				
	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	184,667	482.0	1.15	348.6	0.83	173,645	413.0	1.01	314.5	0.80
Oral Cavity & Pharynx	5,962	14.7	0.20	11.6	0.15	2,601	6.2	0.12	4.7	0.10
Lip	531	1.5	0.06	1.0	0.04	189	0.4	0.03	0.3	0.02
Tongue	1,792	4.3	0.10	3.5	0.08	709	1.7	0.06	1.3	0.05
Major salivary gland	409	1.1	0.06	0.8	0.04	372	0.9	0.05	0.8	0.04
Floor of mouth	286	0.7	0.04	0.5	0.03	146	0.3	0.03	0.2	0.02
Gum & other mouth	598	1.5	0.06	1.1	0.05	541	1.3	0.06	0.9	0.04
Nasopharynx	347	0.9	0.05	0.8	0.04	158	0.4	0.03	0.4	0.03
Oropharynx	281	0.7	0.04	0.5	0.03	55	0.1	0.02	0.1	0.01
Hypopharynx	344	0.9	0.05	0.6	0.03	77	0.2	0.02	0.1	0.02
Digestive System	44,682	116.6	0.56	82.8	0.40	33,078	76.4	0.43	54.1	0.31
Esophagus	3,075	7.8	0.14	5.7	0.10	917	2.1	0.07	1.5	0.05
Stomach	3,916	10.4	0.17	7.2	0.12	1,917	4.5	0.10	3.1	0.08
Small intestine	951	2.5	0.08	1.8	0.06	785	1.9	0.07	1.4	0.05
Colon excl. rectum	15,976	42.5	0.34	29.4	0.24	14,565	33.7	0.28	23.3	0.20
Rectum & rectosigmoid	9,800	25.0	0.26	18.5	0.19	5,629	13.1	0.18	9.8	0.14
Anus, anal canal & anorectum	444	1.1	0.05	0.9	0.04	891	2.0	0.07	1.6	0.06
Liver	3,360	8.2	0.14	6.3	0.11	1,123	2.6	0.08	1.9	0.06
Gallbladder	350	0.9	0.05	0.6	0.03	593	1.4	0.06	1.0	0.04
Pancreas	4,790	12.6	0.19	8.7	0.13	4,495	10.2	0.15	7.0	0.11
Respiratory System	25,961	68.5	0.43	46.7	0.29	24,237	55.8	0.36	39.5	0.26
Larynx	1,484	3.7	0.10	2.7	0.07	247	0.6	0.04	0.4	0.03
Lung & bronchus	24,081	63.8	0.42	43.2	0.28	23,738	54.6	0.36	38.7	0.26
Bones & Joints	356	1.0	0.06	0.9	0.05	304	0.9	0.05	0.8	0.05
Soft Tissue (incl. heart)	1,231	3.4	0.10	2.7	0.08	934	2.4	0.08	2.0	0.07
Skin (excl. basal & sq.)	8,397	22.3	0.25	16.3	0.18	7,033	17.3	0.21	13.9	0.18
Melanomas of the skin	7,585	20.0	0.24	14.7	0.17	6,497	16.0	0.20	12.9	0.17
Breast (excl. <i>in situ</i> )	382	1.0	0.05	0.7	0.04	47,924	115.1	0.54	90.3	0.43
Female Genital System	-	-	-	-	-	20,833	49.7	0.35	40.1	0.29
Cervix uteri	-	-	-	-	-	2,711	7.5	0.15	6.7	0.13
Uterus Corpus	-	-	-	-	-	11,044	25.4	0.25	20.5	0.20
Uterus, NOS <sup>1</sup>	-	-	-	-	-	214	0.5	0.03	0.4	0.03
Ovary	-	-	-	-	-	4,633	11.1	0.17	8.7	0.14
Male Genital System	44,106	110.4	0.54	82.6	0.40	-	-	-	-	-
Prostate	41,469	102.8	0.52	75.4	0.37	-	-	-	-	-
Testis	2,097	6.2	0.14	6.2	0.14	-	-	-	-	-
Penis	433	1.2	0.06	0.8	0.04	-	-	-	-	-
Urinary System	22,033	58.7	0.40	40.6	0.28	8,788	20.4	0.22	14.8	0.17
Bladder (incl. <i>in situ</i> )	13,816	37.6	0.33	24.7	0.21	4,290	9.8	0.15	6.7	0.11
Kidney & renal pelvis	7,691	19.7	0.23	15.0	0.17	4,214	10.0	0.16	7.7	0.13
Ureter	314	0.9	0.05	0.5	0.03	192	0.4	0.03	0.3	0.02
Eye & Orbit	319	0.8	0.05	0.7	0.04	295	0.8	0.04	0.6	0.04
Brain & Other CNS <sup>1</sup>	2,822	7.6	0.15	6.5	0.13	2,031	5.2	0.12	4.6	0.11
Brain	2,717	7.3	0.14	6.2	0.13	1,938	5.0	0.12	4.3	0.11
Endocrine System	2,473	6.7	0.14	5.8	0.12	6,095	16.5	0.22	14.7	0.20
Thyroid gland	2,186	5.9	0.13	5.0	0.11	5,825	15.8	0.21	14.1	0.19
Lymphomas	9,685	25.9	0.27	19.8	0.21	7,622	18.4	0.22	14.2	0.17
Hodgkin Lymphoma	969	2.7	0.09	2.6	0.09	728	2.1	0.08	2.1	0.08
Non-Hodgkin Lymphoma	8,716	23.2	0.25	17.2	0.19	6,894	16.3	0.20	12.1	0.15
Multiple Myeloma	2,853	7.5	0.14	5.2	0.10	1,993	4.6	0.10	3.2	0.07
Leukemias	6,667	18.1	0.23	13.5	0.17	4,366	10.7	0.17	8.4	0.14
Acute lymphocytic	463	1.5	0.07	1.7	0.08	391	1.3	0.07	1.4	0.08
Chronic lymphocytic	3,001	7.8	0.15	5.5	0.10	1,744	4.0	0.10	2.8	0.07
Acute myeloid	1,717	4.7	0.12	3.4	0.09	1,301	3.2	0.09	2.5	0.08
Chronic myeloid	839	2.3	0.08	1.7	0.06	519	1.3	0.06	1.0	0.05
Other leukemias	647	1.8	0.07	1.2	0.05	411	1.0	0.05	0.7	0.04
Mesothelioma	898	2.5	0.09	1.6	0.05	201	0.5	0.03	0.3	0.02
Kaposi Sarcoma	96	0.3	0.03	0.2	0.02	20	0.0	0.01	0.0	0.01
Ill-defined & Unknown	5,744	16.0	0.22	10.5	0.14	5,290	12.1	0.17	8.2	0.12
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malig)	1,770	4.8	0.12	4.0	0.10	3,146	7.9	0.14	6.4	0.12
Breast ( <i>in situ</i> )	27	0.1	0.01	0.1	0.01	7,018	17.0	0.21	13.9	0.17

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Other Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (2000 U.S. Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR Canadian Combined<sup>3</sup>, 2012-2016, All Races, Males**

	All Sites			Prostate			Colon & Rectum			Lung & Bronchus			Bladder			Non-Hodgkin Lymphoma		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR Canadian Combined</b>	<b>184,667</b>	<b>482.0</b>	<b>1.15</b>	<b>41,469</b>	<b>102.8</b>	<b>0.52</b>	<b>25,776</b>	<b>67.5</b>	<b>0.43</b>	<b>24,081</b>	<b>63.8</b>	<b>0.42</b>	<b>13,816</b>	<b>37.6</b>	<b>0.33</b>	<b>8,716</b>	<b>23.2</b>	<b>0.25</b>
Alberta	46,419	483.4	2.33	11,470	114.1	1.11	5,876	61.9	0.84	5,444	60.4	0.85	3,283	37.1	0.67	2,171	22.8	0.51
British Columbia	65,897	456.8	1.82	14,656	96.7	0.81	9,095	62.9	0.67	8,028	55.5	0.63	5,405	38.3	0.53	3,100	22.0	0.40
Manitoba	16,521	481.1	3.82	3,424	96.1	1.68	2,358	68.7	1.44	2,186	64.2	1.40	1,076	32.3	1.00	841	24.5	0.87
New Brunswick	12,770	512.1	4.69	2,624	95.3	1.91	1,651	66.4	1.69	2,166	87.6	1.94	998	41.0	1.34	611	25.5	1.06
Newfoundland and Labrador	9,297	528.8	5.76	2,144	110.1	2.47	1,732	100.3	2.52	1,396	80.1	2.24	610	36.6	1.56	417	24.0	1.23
Northwest Territory	384	501.2	29.86	59	73.9	11.01	73	102.6	13.95	59	98.2	14.46	12	12.6	4.12	13	11.5	3.40
Nova Scotia	16,423	543.0	4.38	3,211	99.1	1.80	2,331	77.4	1.65	2,558	83.9	1.70	1,192	40.2	1.20	828	28.5	1.03
Prince Edward Island	2,399	528.3	11.22	498	101.8	4.73	349	76.2	4.23	345	76.6	4.27	164	36.7	2.97	107	23.7	2.40
Saskatchewan	14,557	475.7	4.02	3,383	105.9	1.86	2,311	75.5	1.60	1,899	63.1	1.47	1,076	36.3	1.12	628	20.9	0.85

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>2</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR Canadian Combined<sup>3</sup>, 2012-2016, All Races, Males**

	All Sites			Prostate			Colon & Rectum			Lung & Bronchus			Bladder			Non-Hodgkin Lymphoma		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR Canadian Combined</b>	<b>184,667</b>	<b>348.6</b>	<b>0.83</b>	<b>41,469</b>	<b>75.4</b>	<b>0.37</b>	<b>25,776</b>	<b>47.9</b>	<b>0.30</b>	<b>24,081</b>	<b>43.2</b>	<b>0.28</b>	<b>13,816</b>	<b>24.7</b>	<b>0.21</b>	<b>8,716</b>	<b>17.2</b>	<b>0.19</b>
Alberta	46,419	350.4	1.64	11,470	84.6	0.79	5,876	44.0	0.58	5,444	40.7	0.56	3,283	24.5	0.43	2,171	16.7	0.36
British Columbia	65,897	328.5	1.33	14,656	69.3	0.58	9,095	44.5	0.48	8,028	37.3	0.42	5,405	24.9	0.35	3,100	16.2	0.31
Manitoba	16,521	347.7	2.77	3,424	69.3	1.19	2,358	49.0	1.03	2,186	43.9	0.95	1,076	21.1	0.65	841	18.2	0.64
New Brunswick	12,770	373.8	3.43	2,624	73.6	1.45	1,651	47.5	1.20	2,166	59.4	1.29	998	28.0	0.90	611	18.4	0.78
Newfoundland and Labrador	9,297	388.9	4.18	2,144	84.7	1.84	1,732	71.3	1.75	1,396	54.9	1.48	610	24.4	1.00	417	18.9	0.98
Northwest Territory	384	358.8	19.24	59	54.9	7.48	73	70.9	8.75	59	63.6	8.60	12	9.9	2.98	13	9.9	2.84
Nova Scotia	16,423	392.1	3.19	3,211	72.5	1.29	2,331	53.9	1.14	2,558	57.0	1.14	1,192	26.5	0.78	828	21.4	0.79
Prince Edward Island	2,399	376.9	7.99	498	73.6	3.32	349	52.9	2.87	345	51.1	2.79	164	24.0	1.89	107	18.6	1.90
Saskatchewan	14,557	344.6	2.93	3,383	78.0	1.36	2,311	53.9	1.15	1,899	43.0	1.00	1,076	23.7	0.74	628	15.8	0.65

<sup>1</sup> Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age.

<sup>2</sup> Rates are per 100,000 and are age-adjusted to the World population standard.

<sup>3</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>4</sup> Abbreviations: S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the Canadian combined.

**Total Cancer Cases and Average Annual Age-adjusted (2000 U.S. Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR Canadian Combined<sup>3</sup>, 2012-2016, All Races, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>4</sup>			Non-Hodgkin Lymphoma		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR Canadian Combined</b>	<b>173,645</b>	<b>413.0</b>	<b>1.01</b>	<b>47,924</b>	<b>115.1</b>	<b>0.54</b>	<b>23,738</b>	<b>54.6</b>	<b>0.36</b>	<b>20,194</b>	<b>46.8</b>	<b>0.34</b>	<b>11,258</b>	<b>25.9</b>	<b>0.25</b>	<b>6,894</b>	<b>16.3</b>	<b>0.20</b>
Alberta	43,561	411.5	2.00	12,711	119.7	1.08	5,443	52.3	0.72	4,505	42.6	0.65	2,916	26.3	0.49	1,668	15.9	0.39
British Columbia	61,606	396.1	1.64	17,253	112.6	0.88	8,343	51.1	0.57	7,242	44.9	0.54	3,869	24.1	0.40	2,471	15.8	0.32
Manitoba	16,512	424.9	3.39	4,282	111.9	1.75	2,365	58.8	1.23	1,804	44.9	1.08	1,318	33.8	0.95	663	16.6	0.66
New Brunswick	11,513	419.1	4.06	2,950	108.1	2.07	1,782	60.8	1.47	1,286	44.9	1.29	704	24.2	0.93	505	18.6	0.86
Newfoundland and Labrador	8,637	464.2	5.18	2,284	121.5	2.64	1,060	53.9	1.69	1,345	70.2	1.97	555	28.5	1.25	332	17.7	1.01
Northwest Territory	368	439.9	25.12	119	130.6	12.96	46	71.8	11.40	60	72.9	10.42	20	19.4	4.72	13	14.9	4.39
Nova Scotia	15,662	454.1	3.77	3,978	117.1	1.93	2,463	66.9	1.37	1,939	53.9	1.26	921	25.5	0.87	614	17.6	0.74
Prince Edward Island	2,222	422.5	9.29	606	114.8	4.83	349	63.2	3.43	282	52.9	3.24	108	19.6	1.96	78	14.9	1.75
Saskatchewan	13,564	404.1	3.58	3,741	114.5	1.93	1,887	54.6	1.28	1,731	49.6	1.23	847	24.9	0.88	550	16.0	0.70

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>2</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR Canadian Combined<sup>3</sup>, 2012-2016, All Races, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>4</sup>			Non-Hodgkin Lymphoma		
	Count	Rate	S.E. <sup>4</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR Canadian Combined</b>	<b>173,645</b>	<b>314.5</b>	<b>0.80</b>	<b>47,924</b>	<b>90.3</b>	<b>0.43</b>	<b>23,738</b>	<b>38.7</b>	<b>0.26</b>	<b>20,194</b>	<b>33.1</b>	<b>0.25</b>	<b>11,258</b>	<b>20.9</b>	<b>0.20</b>	<b>6,894</b>	<b>12.1</b>	<b>0.15</b>
Alberta	43,561	314.2	1.55	12,711	93.9	0.85	5,443	36.9	0.51	4,505	30.3	0.47	2,916	21.2	0.40	1,668	11.7	0.30
British Columbia	61,606	300.5	1.30	17,253	88.5	0.71	8,343	35.7	0.41	7,242	31.7	0.40	3,869	19.4	0.32	2,471	11.7	0.25
Manitoba	16,512	324.4	2.68	4,282	87.6	1.40	2,365	41.9	0.90	1,804	32.0	0.81	1,318	27.4	0.78	663	12.3	0.51
New Brunswick	11,513	321.1	3.27	2,950	85.1	1.67	1,782	44.3	1.08	1,286	31.2	0.94	704	19.5	0.76	505	14.2	0.69
Newfoundland and Labrador	8,637	357.9	4.14	2,284	95.4	2.10	1,060	38.9	1.23	1,345	50.2	1.43	555	23.4	1.03	332	13.6	0.81
Northwest Territory	368	333.7	17.87	119	103.3	9.69	46	47.9	7.22	60	54.0	7.17	20	16.0	3.68	13	12.2	3.46
Nova Scotia	15,662	344.5	3.01	3,978	91.9	1.56	2,463	48.2	1.00	1,939	37.5	0.92	921	20.4	0.70	614	13.3	0.58
Prince Edward Island	2,222	318.9	7.34	606	88.0	3.80	349	44.8	2.45	282	36.8	2.34	108	16.1	1.62	78	12.0	1.52
Saskatchewan	13,564	307.7	2.83	3,741	89.8	1.55	1,887	38.9	0.94	1,731	35.6	0.93	847	20.3	0.72	550	11.6	0.54

<sup>1</sup>. Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age.

<sup>2</sup>. Rates are per 100,000 and are age-adjusted to the World population standard.

<sup>3</sup>. See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>4</sup>. Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the Canadian combined.

# NAACCR North American Combined Incidence 2012-2016, All Races Combined



**Total Cancer Cases and Average Annual Age-adjusted Cancer Incidence Rates\*  
NAACCR North American Combined, 2012-2016, All Races**

SITES	Count	MALES (ALL RACES)				FEMALES (ALL RACES)				
		Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.	Count	Adj. Rate 2000 U.S.	S.E.	Adj. Rate World	S.E.
All Sites (invasive & in situ bladder)	4,308,596	488.2	0.24	361.6	0.18	4,242,497	419.7	0.21	325.1	0.17
Oral Cavity & Pharynx	162,185	17.6	0.04	13.9	0.04	65,850	6.4	0.03	5.0	0.02
Lip	7,759	0.9	0.01	0.6	0.01	2,998	0.3	0.01	0.2	0.00
Tongue	51,012	5.4	0.02	4.4	0.02	19,778	1.9	0.01	1.5	0.01
Major salivary gland	13,781	1.6	0.01	1.2	0.01	9,862	1.0	0.01	0.8	0.01
Floor of mouth	7,159	0.8	0.01	0.6	0.01	3,333	0.3	0.01	0.2	0.00
Gum & other mouth	16,838	1.9	0.01	1.4	0.01	13,346	1.3	0.01	0.9	0.01
Nasopharynx	6,938	0.8	0.01	0.7	0.01	2,855	0.3	0.01	0.3	0.00
Oropharynx	8,345	0.9	0.01	0.7	0.01	2,363	0.2	0.00	0.2	0.00
Hypopharynx	9,788	1.1	0.01	0.8	0.01	2,342	0.2	0.00	0.2	0.00
Digestive System	862,704	97.7	0.11	71.7	0.08	682,228	65.4	0.08	47.4	0.06
Esophagus	70,358	7.8	0.03	5.8	0.02	18,920	1.8	0.01	1.3	0.01
Stomach	78,082	9.0	0.03	6.5	0.02	47,718	4.6	0.02	3.4	0.02
Small intestine	24,208	2.8	0.02	2.1	0.01	21,390	2.1	0.01	1.6	0.01
Colon excl. rectum	266,482	30.9	0.06	22.1	0.04	266,490	25.6	0.05	18.2	0.04
Rectum & rectosigmoid	129,992	14.6	0.04	11.2	0.03	90,336	8.9	0.03	6.9	0.02
Anus, anal canal & anorectum	13,094	1.5	0.01	1.2	0.01	23,390	2.2	0.01	1.8	0.01
Liver	107,627	11.3	0.04	9.0	0.03	35,944	3.4	0.02	2.5	0.01
Gallbladder	6,885	0.8	0.01	0.6	0.01	14,407	1.4	0.01	1.0	0.01
Pancreas	125,914	14.4	0.04	10.2	0.03	118,778	11.1	0.03	7.8	0.02
Respiratory System	657,739	75.2	0.09	52.9	0.07	561,985	53.2	0.07	38.2	0.05
Larynx	51,502	5.6	0.03	4.3	0.02	13,099	1.2	0.01	1.0	0.01
Lung & bronchus	596,126	68.5	0.09	47.7	0.06	542,690	51.3	0.07	36.7	0.05
Bones & Joints	9,291	1.1	0.01	1.1	0.01	7,157	0.8	0.01	0.8	0.01
Soft Tissue (incl. heart)	33,214	3.9	0.02	3.2	0.02	26,524	2.8	0.02	2.4	0.02
Skin (excl. basal & sq.)	254,956	29.8	0.06	21.6	0.04	177,519	18.3	0.04	14.9	0.04
Melanomas of the skin	235,655	27.4	0.06	20.0	0.04	164,998	17.1	0.04	14.0	0.04
Breast (excl. <i>in situ</i> )	11,102	1.3	0.01	0.9	0.01	1,243,920	124.5	0.11	98.5	0.09
Female Genital System	-	-	-	-	-	504,865	50.0	0.07	40.5	0.06
Cervix uteri	-	-	-	-	-	66,629	7.6	0.03	6.7	0.03
Uterus Corpus	-	-	-	-	-	269,834	25.8	0.05	20.9	0.04
Uterus, NOS <sup>1</sup>	-	-	-	-	-	9,169	0.9	0.01	0.7	0.01
Ovary	-	-	-	-	-	111,550	11.1	0.03	8.8	0.03
Male Genital System	1,038,885	111.4	0.11	86.3	0.09	-	-	-	-	-
Prostate	983,928	104.6	0.11	79.8	0.08	-	-	-	-	-
Testis	45,288	5.7	0.03	5.7	0.03	-	-	-	-	-
Penis	7,656	0.9	0.01	0.6	0.01	-	-	-	-	-
Urinary System	502,734	58.6	0.08	41.1	0.06	213,934	20.6	0.05	15.2	0.03
Bladder (incl. <i>in situ</i> )	293,030	34.9	0.07	23.1	0.04	92,254	8.6	0.03	5.9	0.02
Kidney & renal pelvis	198,813	22.3	0.05	17.2	0.04	115,618	11.4	0.03	8.9	0.03
Ureter	6,577	0.8	0.01	0.5	0.01	4,076	0.4	0.01	0.2	0.00
Eye & Orbit	8,496	1.0	0.01	0.8	0.01	7,237	0.7	0.01	0.6	0.01
Brain & Other CNS <sup>1</sup>	65,183	7.6	0.03	6.5	0.03	51,872	5.5	0.02	4.8	0.02
Brain	61,582	7.2	0.03	6.1	0.03	48,235	5.1	0.02	4.4	0.02
Endocrine System	70,331	8.2	0.03	7.0	0.03	195,611	22.1	0.05	19.9	0.05
Thyroid gland	63,342	7.3	0.03	6.2	0.03	189,285	21.5	0.05	19.3	0.05
Lymphomas	222,750	26.1	0.06	20.0	0.04	183,397	18.3	0.04	14.2	0.04
Hodgkin Lymphoma	24,857	3.0	0.02	2.8	0.02	19,928	2.3	0.02	2.3	0.02
Non-Hodgkin Lymphoma	197,893	23.1	0.05	17.1	0.04	163,469	16.0	0.04	11.9	0.03
Multiple Myeloma	72,799	8.4	0.03	5.9	0.02	57,164	5.4	0.02	3.9	0.02
Leukemias	152,185	18.1	0.05	13.7	0.04	108,832	11.0	0.03	8.7	0.03
Acute lymphocytic	14,795	1.9	0.02	2.0	0.02	11,493	1.4	0.01	1.5	0.02
Chronic lymphocytic	56,450	6.5	0.03	4.5	0.02	35,927	3.4	0.02	2.3	0.01
Acute myeloid	43,258	5.2	0.03	3.8	0.02	34,527	3.5	0.02	2.7	0.02
Chronic myeloid	19,995	2.4	0.02	1.8	0.01	14,480	1.5	0.01	1.2	0.01
Other leukemias	17,687	2.1	0.02	1.5	0.01	12,405	1.2	0.01	0.9	0.01
Mesothelioma	13,135	1.6	0.01	1.0	0.01	4,152	0.4	0.01	0.3	0.00
Kaposi Sarcoma	5,253	0.7	0.01	0.6	0.01	672	0.1	0.00	0.0	0.00
Ill-defined & Unknown	165,654	19.9	0.05	13.4	0.03	149,578	14.2	0.04	9.7	0.03
Selected tumors (non-invasive)										
Brain & Other CNS <sup>1</sup> (non-malignant)	72,037	8.5	0.03	6.8	0.03	146,444	14.9	0.04	11.8	0.03
Breast ( <i>in situ</i> )	1,212	0.1	0.00	0.1	0.00	290,183	29.5	0.06	24.0	0.05

\* Rates are per 100,000 population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

<sup>1</sup> Abbreviations: NOS - Not Otherwise Specified; CNS - Central Nervous System

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
 Selected Areas in the NAACCR North American Combined<sup>2</sup>, 2012-2016, All Races, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Bladder			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>4,123,929</b>	<b>362.2</b>	<b>0.18</b>	<b>942,459</b>	<b>80.0</b>	<b>0.08</b>	<b>572,045</b>	<b>47.9</b>	<b>0.06</b>	<b>370,698</b>	<b>32.6</b>	<b>0.05</b>	<b>279,214</b>	<b>23.0</b>	<b>0.04</b>	<b>228,070</b>	<b>20.3</b>	<b>0.04</b>
Alabama	68,627	389.7	1.52	16,808	91.4	0.71	11,538	62.5	0.59	6,579	38.0	0.48	4,094	22.0	0.35	3,563	20.7	0.36
Alaska	7,110	313.7	3.82	1,459	60.5	1.62	972	43.6	1.44	721	31.6	1.21	470	21.9	1.03	271	12.5	0.78
Arizona	76,377	301.3	1.13	15,265	58.3	0.48	10,019	36.3	0.37	6,998	27.9	0.34	5,894	20.9	0.28	5,386	21.2	0.30
Arkansas	43,912	398.9	1.95	9,792	85.3	0.87	8,150	70.3	0.79	4,095	38.0	0.61	2,743	23.2	0.45	2,206	20.4	0.45
California	407,532	319.9	0.51	92,173	70.9	0.23	42,293	31.9	0.16	37,832	29.5	0.15	26,102	19.3	0.12	27,695	21.6	0.13
CA: Greater California	232,564	327.5	0.69	51,741	71.1	0.31	24,795	33.4	0.21	21,016	29.6	0.21	15,277	20.3	0.17	17,246	24.2	0.19
CA: Greater Bay Area	80,111	321.2	1.15	18,397	72.2	0.53	8,035	30.9	0.35	7,123	28.4	0.34	4,969	18.7	0.27	6,133	24.5	0.32
CA: Los Angeles	94,855	302.0	0.99	22,035	69.5	0.47	9,463	29.2	0.30	9,692	30.4	0.31	5,857	17.7	0.23	4,315	13.6	0.21
Colorado	56,306	313.1	1.34	13,524	71.9	0.62	5,686	30.8	0.41	4,817	26.9	0.39	3,947	21.4	0.34	3,631	20.4	0.34
Connecticut	50,903	374.4	1.71	11,697	83.4	0.78	6,499	45.3	0.57	4,130	30.3	0.49	4,366	29.7	0.46	2,589	19.1	0.39
Delaware	14,870	407.6	3.44	3,743	99.6	1.64	2,101	54.3	1.20	1,133	31.3	0.96	1,123	28.4	0.86	1,042	28.7	0.92
Florida	315,220	371.0	0.70	63,670	73.0	0.30	44,686	48.7	0.24	26,305	31.3	0.20	21,423	22.0	0.16	20,363	23.5	0.17
Georgia	125,958	395.4	1.12	30,959	93.7	0.53	18,558	57.0	0.42	11,617	36.5	0.34	6,923	21.5	0.26	8,179	26.0	0.29
Hawaii	17,728	322.6	2.51	3,632	62.6	1.05	2,320	39.4	0.84	1,967	36.8	0.86	955	15.8	0.52	1,133	21.3	0.66
Idaho	20,326	342.7	2.46	4,845	78.1	1.13	2,357	37.2	0.77	1,673	28.6	0.71	1,526	24.1	0.62	1,405	24.6	0.68
Illinois	167,091	374.8	0.93	38,543	84.1	0.43	24,225	52.2	0.34	16,392	36.4	0.29	11,514	24.5	0.23	7,827	17.8	0.21
Indiana	85,879	369.4	1.28	16,781	69.3	0.54	15,005	62.1	0.51	8,233	35.3	0.40	6,199	25.3	0.32	4,108	18.1	0.29
Iowa	45,611	385.1	1.86	9,804	79.6	0.81	6,579	52.3	0.66	4,298	36.2	0.57	3,236	25.0	0.45	2,582	22.8	0.47
Kansas	38,091	371.1	1.95	8,695	82.1	0.89	5,050	46.8	0.67	3,419	33.3	0.58	2,748	24.8	0.48	2,304	22.9	0.49
Kentucky	68,826	430.3	1.67	13,407	79.8	0.69	13,221	79.3	0.69	6,762	42.5	0.53	4,329	25.8	0.40	3,819	24.5	0.41
Louisiana	66,405	419.2	1.65	16,687	101.5	0.79	9,935	60.7	0.61	6,377	40.4	0.51	3,594	21.9	0.37	2,697	17.4	0.34
Maine	21,683	371.8	2.65	4,158	66.5	1.04	3,616	58.6	0.99	1,752	30.4	0.76	1,922	30.6	0.71	1,233	21.6	0.65
Maryland	74,791	364.3	1.35	20,104	94.8	0.67	9,381	44.3	0.46	6,063	29.6	0.38	5,199	24.2	0.34	4,527	22.2	0.34
Massachusetts	85,746	349.3	1.22	19,550	77.0	0.55	11,775	45.6	0.42	7,063	28.6	0.35	6,552	24.9	0.31	4,637	19.0	0.29
Michigan	136,528	363.4	1.01	32,547	83.0	0.46	20,353	51.4	0.36	11,529	30.9	0.30	10,241	25.5	0.26	6,299	17.3	0.23
MI: Metropolitan Detroit	56,999	410.3	1.76	14,407	100.5	0.84	8,072	55.8	0.63	4,858	34.9	0.51	4,028	27.4	0.44	2,266	16.5	0.36
Minnesota	73,379	369.4	1.40	16,798	81.5	0.63	8,906	42.8	0.46	6,079	30.6	0.40	5,182	24.5	0.35	5,163	26.7	0.38
Mississippi	42,377	411.2	2.03	10,514	98.3	0.96	7,610	71.2	0.82	4,362	42.9	0.66	2,246	20.9	0.44	1,690	16.9	0.42
Missouri	82,360	367.0	1.31	16,715	71.7	0.56	14,240	60.3	0.51	7,818	35.0	0.41	5,565	23.1	0.31	3,997	18.4	0.30
Montana	15,505	359.6	3.01	3,937	85.3	1.38	1,757	37.6	0.91	1,363	32.1	0.91	1,133	24.4	0.74	944	23.5	0.81
Nebraska	24,694	366.6	2.39	5,876	84.3	1.11	3,316	46.7	0.82	2,415	35.8	0.75	1,663	22.9	0.57	1,313	20.2	0.57
New Hampshire	20,222	377.4	2.75	4,760	83.3	1.21	2,648	46.6	0.92	1,625	30.9	0.79	1,748	30.9	0.75	1,400	26.2	0.72
New Jersey	125,086	389.5	1.12	32,553	99.1	0.55	14,286	42.5	0.36	11,054	34.1	0.33	9,149	26.7	0.28	6,584	20.4	0.26
New Mexico	22,444	289.8	1.99	4,927	60.1	0.86	2,577	30.7	0.61	2,142	28.0	0.62	1,435	16.9	0.45	1,117	14.5	0.45

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR North American Combined<sup>2</sup>, 2012-2016, All Races, Males**

	All Sites			Prostate			Lung & Bronchus			Colon & Rectum			Bladder			Melanoma of the Skin		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
New York	275,691	394.0	0.77	68,832	95.9	0.37	34,119	46.5	0.25	22,925	32.6	0.22	19,943	26.6	0.19	11,757	16.8	0.16
North Carolina	136,261	388.3	1.07	32,581	89.1	0.50	21,925	59.8	0.41	11,051	31.9	0.31	8,579	23.2	0.25	8,542	24.8	0.27
North Dakota	9,777	368.4	3.83	2,438	89.2	1.82	1,274	45.3	1.29	1,012	38.5	1.25	688	24.0	0.94	489	19.7	0.92
Ohio	161,641	373.0	0.95	35,789	79.0	0.42	26,089	57.5	0.36	15,053	34.7	0.29	11,921	25.7	0.24	8,684	20.7	0.23
Oklahoma	50,695	369.7	1.67	10,266	72.1	0.72	8,501	59.0	0.65	4,900	36.3	0.53	3,351	22.9	0.40	2,819	20.6	0.40
Oregon	51,707	334.9	1.52	11,218	68.6	0.65	6,719	40.7	0.50	4,289	28.1	0.44	4,004	24.0	0.38	3,528	23.5	0.41
Pennsylvania	196,533	391.5	0.91	42,135	81.1	0.40	27,960	52.3	0.32	17,734	35.1	0.27	15,428	28.2	0.23	10,993	22.4	0.22
Puerto Rico	41,560	309.4	1.58	15,416	108.6	0.89	2,427	16.6	0.35	5,218	38.6	0.55	1,660	11.0	0.28	440	3.4	0.17
Rhode Island	14,606	370.0	3.16	3,056	75.2	1.37	2,256	54.4	1.16	1,103	27.5	0.85	1,260	29.8	0.86	834	21.3	0.76
South Carolina	69,319	383.7	1.49	16,859	88.6	0.69	11,034	58.3	0.56	5,857	33.3	0.45	4,206	22.1	0.34	3,912	22.1	0.36
South Dakota	11,676	362.4	3.46	2,837	85.1	1.61	1,589	45.9	1.17	1,094	33.7	1.05	775	22.2	0.82	623	20.3	0.85
Tennessee	92,229	389.3	1.31	21,065	84.7	0.59	16,434	66.4	0.52	8,049	34.4	0.39	5,760	23.1	0.31	4,430	19.1	0.29
Texas	271,329	333.3	0.64	57,959	69.4	0.29	36,223	43.6	0.23	27,116	33.2	0.20	14,650	17.6	0.15	10,132	12.5	0.12
Utah	26,176	327.3	2.03	6,904	85.6	1.03	1,760	21.5	0.51	1,949	24.6	0.56	1,592	19.2	0.48	2,951	37.2	0.69
Vermont	9,075	349.0	3.83	1,802	63.9	1.52	1,335	48.7	1.36	703	27.1	1.06	707	25.6	0.98	829	32.3	1.18
Virginia	95,990	331.6	1.08	22,734	75.8	0.50	14,455	48.2	0.40	8,453	29.3	0.32	6,078	20.2	0.26	5,224	18.2	0.25
Washington	89,368	351.7	1.20	20,128	75.6	0.54	11,049	41.7	0.40	7,328	29.1	0.35	6,554	24.5	0.31	5,727	23.0	0.31
WA: Seattle/Puget Sound	63,914	372.0	1.50	14,673	81.9	0.68	7,452	41.9	0.49	5,210	30.6	0.43	4,588	25.6	0.38	4,338	25.6	0.39
West Virginia	29,697	382.8	2.31	5,772	69.3	0.92	5,651	68.2	0.92	2,938	38.4	0.73	2,203	26.4	0.57	1,414	19.3	0.54
Wisconsin	82,079	373.8	1.34	18,959	82.7	0.60	10,852	46.9	0.46	6,712	30.6	0.38	6,096	25.9	0.34	4,625	21.6	0.33
Wyoming	6,933	315.4	3.88	1,786	76.1	1.81	734	31.8	1.18	601	27.6	1.15	538	23.3	1.02	413	19.3	0.98
<b>NAACCR Canadian Combined</b>	<b>184,667</b>	<b>348.6</b>	<b>0.83</b>	<b>41,469</b>	<b>75.4</b>	<b>0.37</b>	<b>24,081</b>	<b>43.2</b>	<b>0.28</b>	<b>25,776</b>	<b>47.9</b>	<b>0.30</b>	<b>13,816</b>	<b>24.7</b>	<b>0.21</b>	<b>7,585</b>	<b>14.7</b>	<b>0.17</b>
Alberta	46,419	350.4	1.64	11,470	84.6	0.79	5,444	40.7	0.56	5,876	44.0	0.58	3,283	24.5	0.43	1,757	13.2	0.32
British Columbia	65,897	328.5	1.33	14,656	69.3	0.58	8,028	37.3	0.42	9,095	44.5	0.48	5,405	24.9	0.35	2,994	15.4	0.29
Manitoba	16,521	347.7	2.77	3,424	69.3	1.19	2,186	43.9	0.95	2,358	49.0	1.03	1,076	21.1	0.65	590	12.5	0.53
New Brunswick	12,770	373.8	3.43	2,624	73.6	1.45	2,166	59.4	1.29	1,651	47.5	1.20	998	28.0	0.90	480	14.9	0.71
Newfoundland and Labrador	9,297	388.9	4.18	2,144	84.7	1.84	1,396	54.9	1.48	1,732	71.3	1.75	610	24.4	1.00	266	12.3	0.80
Northwest Territory	384	358.8	19.24	59	54.9	7.48	59	63.6	8.60	73	70.9	8.75	12	9.9	2.98	10	8.4	2.80
Nova Scotia	16,423	392.1	3.19	3,211	72.5	1.29	2,558	57.0	1.14	2,331	53.9	1.14	1,192	26.5	0.78	881	22.3	0.79
Prince Edward Island	2,399	376.9	7.99	498	73.6	3.32	345	51.1	2.79	349	52.9	2.87	164	24.0	1.89	144	23.9	2.10
Saskatchewan	14,557	344.6	2.93	3,383	78.0	1.36	1,899	43.0	1.00	2,311	53.9	1.15	1,076	23.7	0.74	463	11.4	0.54
<b>NAACCR North American Combined</b>	<b>4,308,596</b>	<b>361.6</b>	<b>0.18</b>	<b>983,928</b>	<b>79.8</b>	<b>0.08</b>	<b>596,126</b>	<b>47.7</b>	<b>0.06</b>	<b>396,474</b>	<b>33.3</b>	<b>0.05</b>	<b>293,030</b>	<b>23.1</b>	<b>0.04</b>	<b>235,655</b>	<b>20.0</b>	<b>0.04</b>

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the combined.

**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR North American Combined<sup>2</sup>, 2012-2016, All Races, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Thyroid		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
<b>NAACCR U.S. Combined</b>	<b>4,068,852</b>	<b>325.5</b>	<b>0.17</b>	<b>1,195,996</b>	<b>98.8</b>	<b>0.09</b>	<b>518,952</b>	<b>36.7</b>	<b>0.05</b>	<b>336,632</b>	<b>24.7</b>	<b>0.05</b>	<b>267,745</b>	<b>21.6</b>	<b>0.04</b>	<b>183,460</b>	<b>19.5</b>	<b>0.05</b>
Alabama	61,923	314.1	1.34	18,606	97.0	0.75	8,292	37.3	0.42	5,978	28.5	0.39	3,108	15.7	0.29	1,800	12.1	0.30
Alaska	6,808	313.5	3.87	2,108	96.3	2.14	771	34.2	1.25	649	29.6	1.18	448	19.9	0.96	324	16.7	0.95
Arizona	75,862	288.6	1.12	23,036	90.1	0.63	9,592	30.7	0.32	5,953	20.6	0.29	4,720	18.7	0.28	3,838	20.0	0.34
Arkansas	38,842	327.4	1.77	10,767	93.1	0.95	6,185	46.4	0.61	3,585	28.1	0.50	2,185	19.0	0.43	1,347	15.4	0.44
California	418,675	298.0	0.48	130,377	95.7	0.27	41,818	26.2	0.13	34,460	22.7	0.13	28,539	20.7	0.13	19,623	17.4	0.13
CA: Greater California	234,506	304.5	0.66	71,948	96.1	0.37	25,059	28.6	0.19	19,033	22.9	0.17	15,367	20.3	0.17	10,911	17.8	0.18
CA: Greater Bay Area	81,742	297.8	1.09	26,333	99.6	0.63	7,917	25.1	0.29	6,447	21.8	0.29	5,682	20.8	0.28	3,352	15.5	0.28
CA: Los Angeles	102,430	284.4	0.92	32,095	91.8	0.52	8,844	21.9	0.24	8,981	23.0	0.25	7,491	21.5	0.25	5,360	17.9	0.25
Colorado	57,201	299.3	1.30	18,626	99.0	0.74	5,949	27.8	0.37	4,425	21.7	0.34	3,534	18.1	0.31	3,141	20.5	0.38
Connecticut	53,312	349.4	1.63	16,183	111.1	0.92	6,923	39.5	0.50	4,002	23.3	0.40	3,588	23.4	0.40	2,738	25.5	0.52
Delaware	14,147	357.7	3.23	4,139	107.2	1.76	2,059	45.4	1.03	1,018	23.9	0.81	969	24.3	0.82	644	23.2	0.97
Florida	294,358	325.4	0.66	79,966	93.4	0.36	39,610	37.1	0.20	23,446	23.4	0.17	17,393	19.6	0.16	10,239	16.6	0.18
Georgia	119,059	325.7	0.97	35,902	99.6	0.54	14,733	36.8	0.31	10,180	26.7	0.27	6,894	18.7	0.23	4,825	16.0	0.24
Hawaii	17,909	319.7	2.58	5,948	110.6	1.52	1,755	25.8	0.65	1,619	26.6	0.72	1,326	25.6	0.74	828	20.4	0.74
Idaho	19,293	322.8	2.45	5,705	97.2	1.34	2,213	32.3	0.71	1,492	23.5	0.64	1,223	20.6	0.61	983	22.0	0.73
Illinois	171,324	341.1	0.87	50,495	104.5	0.48	22,905	40.6	0.28	14,876	26.8	0.23	11,920	24.0	0.23	7,739	20.4	0.24
Indiana	85,330	332.2	1.20	24,006	96.2	0.65	12,706	44.6	0.41	7,721	27.2	0.33	5,656	22.4	0.31	3,134	16.6	0.31
Iowa	43,419	344.5	1.80	11,788	98.1	0.97	5,601	39.0	0.55	4,054	27.7	0.48	3,123	25.1	0.47	1,678	19.4	0.50
Kansas	36,520	335.6	1.87	10,645	99.9	1.02	4,557	37.1	0.57	3,065	25.5	0.50	2,282	21.5	0.47	1,842	22.8	0.55
Kentucky	65,903	375.3	1.55	17,184	99.9	0.80	11,210	57.3	0.56	5,899	31.3	0.43	3,829	22.6	0.38	2,692	20.5	0.42
Louisiana	58,090	329.3	1.43	16,991	98.4	0.79	7,747	39.6	0.46	5,447	29.6	0.42	2,842	16.3	0.31	2,565	18.4	0.38
Maine	21,818	354.0	2.64	5,866	99.3	1.40	3,357	47.6	0.86	1,657	24.2	0.66	1,570	25.2	0.67	859	20.6	0.77
Maryland	77,430	328.4	1.24	23,962	104.5	0.70	9,559	36.2	0.38	6,080	24.1	0.33	5,269	22.2	0.31	3,640	19.8	0.34
Massachusetts	94,863	340.2	1.18	29,170	109.2	0.67	13,290	42.0	0.38	7,030	22.8	0.29	6,474	23.2	0.30	5,154	24.9	0.36
Michigan	133,705	328.3	0.96	38,573	97.9	0.53	19,053	41.4	0.31	10,819	24.1	0.25	9,494	23.3	0.25	5,201	17.9	0.26
MI: Metropolitan Detroit	57,038	355.1	1.58	16,374	105.7	0.86	8,148	45.0	0.52	4,819	27.3	0.42	3,832	24.1	0.40	2,585	21.9	0.45
Minnesota	71,590	340.1	1.35	20,965	102.9	0.74	8,740	37.1	0.41	5,728	24.2	0.34	5,223	24.7	0.35	2,759	17.8	0.35
Mississippi	37,237	321.6	1.75	10,524	93.7	0.95	5,463	42.4	0.59	3,797	30.7	0.52	2,018	17.6	0.41	1,281	14.3	0.42
Missouri	82,373	334.3	1.24	24,278	102.4	0.69	12,846	46.3	0.42	6,982	25.7	0.33	5,197	21.4	0.31	2,846	15.7	0.31
Montana	14,002	331.9	3.04	4,021	97.3	1.64	1,907	38.5	0.91	1,093	24.1	0.79	895	21.0	0.74	546	19.0	0.87
Nebraska	23,457	328.8	2.30	6,840	98.6	1.26	2,931	36.3	0.70	2,162	26.8	0.63	1,541	22.3	0.59	1,010	19.3	0.63
New Hampshire	20,423	361.9	2.72	6,314	114.4	1.52	2,846	44.7	0.86	1,486	23.8	0.67	1,500	26.0	0.70	898	22.8	0.82
New Jersey	129,517	351.2	1.04	37,550	106.1	0.57	15,469	36.7	0.31	10,713	26.0	0.27	9,360	25.4	0.27	6,931	25.5	0.32
New Mexico	23,136	285.2	2.00	7,090	88.2	1.10	2,340	24.2	0.52	1,872	21.7	0.53	1,560	19.9	0.53	1,288	21.7	0.63



**Total Cancer Cases and Average Annual Age-adjusted (World Standard) Cancer Incidence Rates<sup>1</sup> for the Five Most Commonly Diagnosed Cancers  
Selected Areas in the NAACCR North American Combined<sup>2</sup>, 2012-2016, All Races, Females**

	All Sites			Breast			Lung & Bronchus			Colon & Rectum			Uterus Corpus & Uterus, NOS <sup>3</sup>			Thyroid		
	Count	Rate	S.E. <sup>3</sup>	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.	Count	Rate	S.E.
New York	281,944	351.2	0.70	79,658	103.7	0.38	34,896	38.2	0.21	21,981	24.6	0.18	20,449	25.5	0.18	15,688	26.3	0.22
North Carolina	131,921	332.1	0.96	40,474	104.7	0.54	18,272	41.1	0.31	10,112	24.1	0.25	7,988	20.1	0.23	4,893	16.1	0.24
North Dakota	8,847	329.8	3.78	2,567	100.6	2.11	1,116	36.9	1.16	829	27.2	1.03	541	20.6	0.93	479	24.5	1.17
Ohio	162,651	340.4	0.91	46,794	100.4	0.49	23,199	43.2	0.29	14,047	26.4	0.24	11,484	24.2	0.24	7,026	20.6	0.26
Oklahoma	48,492	328.4	1.58	13,774	95.6	0.85	7,049	42.3	0.52	4,313	27.3	0.44	2,652	18.4	0.37	1,945	17.3	0.41
Oregon	52,242	321.8	1.51	15,682	98.5	0.83	6,699	35.5	0.45	3,923	22.1	0.38	3,647	22.7	0.39	2,123	18.2	0.41
Pennsylvania	198,768	359.4	0.88	55,393	104.2	0.47	25,923	40.7	0.27	16,565	26.2	0.23	14,448	26.3	0.23	10,291	27.0	0.28
Puerto Rico	38,137	263.3	1.46	10,916	75.0	0.76	1,551	8.6	0.23	4,301	25.7	0.42	3,172	22.5	0.42	4,430	40.0	0.63
Rhode Island	16,207	364.8	3.10	4,659	109.7	1.70	2,404	47.5	1.01	1,148	22.9	0.74	1,106	24.9	0.78	793	25.0	0.93
South Carolina	64,330	322.7	1.35	19,859	102.2	0.76	8,703	38.6	0.43	5,246	25.0	0.37	3,834	19.1	0.32	2,244	14.9	0.33
South Dakota	10,895	332.0	3.45	3,235	103.2	1.94	1,410	38.4	1.07	1,000	26.4	0.92	715	22.0	0.87	413	17.9	0.93
Tennessee	86,232	329.5	1.19	24,911	97.2	0.64	13,233	45.4	0.41	7,384	26.3	0.32	5,052	19.6	0.29	3,285	16.8	0.31
Texas	264,143	293.1	0.59	78,441	88.8	0.32	30,069	30.5	0.18	22,136	23.3	0.16	15,927	18.1	0.15	12,328	16.2	0.15
Utah	24,560	294.5	1.92	7,413	90.1	1.06	1,489	16.4	0.43	1,700	19.7	0.49	1,800	21.8	0.52	1,909	25.9	0.60
Vermont	9,315	342.2	3.86	2,746	104.0	2.12	1,287	41.0	1.18	721	23.5	0.97	767	27.6	1.04	338	18.6	1.08
Virginia	99,401	309.4	1.03	31,723	101.4	0.59	12,901	36.0	0.32	8,026	23.2	0.27	6,476	20.1	0.26	4,401	17.8	0.28
Washington	89,696	333.8	1.17	27,987	106.3	0.66	10,899	35.9	0.35	6,673	23.4	0.30	5,703	21.1	0.29	3,792	18.4	0.31
WA: Seattle/Puget Sound	63,883	346.2	1.43	20,041	111.0	0.81	7,507	36.2	0.43	4,650	23.8	0.37	4,028	21.6	0.35	2,699	18.7	0.37
West Virginia	28,568	354.5	2.29	7,350	92.8	1.16	4,586	49.8	0.77	2,728	29.8	0.62	1,991	25.8	0.61	1,261	23.1	0.70
Wisconsin	78,721	340.6	1.30	22,922	103.1	0.72	10,099	38.7	0.40	6,044	23.2	0.32	5,919	25.5	0.34	3,112	18.7	0.35
Wyoming	6,256	294.1	3.93	1,867	88.5	2.15	740	30.7	1.16	467	20.6	1.00	394	18.7	0.98	316	20.6	1.21
<b>NAACCR Canadian Combined</b>	<b>173,645</b>	<b>314.5</b>	<b>0.80</b>	<b>47,924</b>	<b>90.3</b>	<b>0.43</b>	<b>23,738</b>	<b>38.7</b>	<b>0.26</b>	<b>20,194</b>	<b>33.1</b>	<b>0.25</b>	<b>11,258</b>	<b>20.9</b>	<b>0.20</b>	<b>5,825</b>	<b>14.1</b>	<b>0.19</b>
Alberta	43,561	314.2	1.55	12,711	93.9	0.85	5,443	36.9	0.51	4,505	30.3	0.47	2,916	21.2	0.40	1,862	15.9	0.37
British Columbia	61,606	300.5	1.30	17,253	88.5	0.71	8,343	35.7	0.41	7,242	31.7	0.40	3,869	19.4	0.32	1,634	11.1	0.29
Manitoba	16,512	324.4	2.68	4,282	87.6	1.40	2,365	41.9	0.90	1,804	32.0	0.81	1,318	27.4	0.78	552	14.7	0.65
New Brunswick	11,513	321.1	3.27	2,950	85.1	1.67	1,782	44.3	1.08	1,286	31.2	0.94	704	19.5	0.76	423	16.6	0.88
Newfoundland and Labrador	8,637	357.9	4.14	2,284	95.4	2.10	1,060	38.9	1.23	1,345	50.2	1.43	555	23.4	1.03	481	25.8	1.27
Northwest Territory	368	333.7	17.87	119	103.3	9.69	46	47.9	7.22	60	54.0	7.17	20	16.0	3.68	9	7.2	2.41
Nova Scotia	15,662	344.5	3.01	3,978	91.9	1.56	2,463	48.2	1.00	1,939	37.5	0.92	921	20.4	0.70	475	15.3	0.77
Prince Edward Island	2,222	318.9	7.34	606	88.0	3.80	349	44.8	2.45	282	36.8	2.34	108	16.1	1.62	37	7.9	1.43
Saskatchewan	13,564	307.7	2.83	3,741	89.8	1.55	1,887	38.9	0.94	1,731	35.6	0.93	847	20.3	0.72	352	11.0	0.61
<b>NAACCR North American Combined</b>	<b>4,242,497</b>	<b>325.1</b>	<b>0.17</b>	<b>1,243,920</b>	<b>98.5</b>	<b>0.09</b>	<b>542,690</b>	<b>36.7</b>	<b>0.05</b>	<b>356,826</b>	<b>25.0</b>	<b>0.04</b>	<b>279,003</b>	<b>21.6</b>	<b>0.04</b>	<b>189,285</b>	<b>19.3</b>	<b>0.05</b>

<sup>1</sup> Rates are per 100,000 and are age-adjusted to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: NOS - Not Otherwise Specified; S.E. - Standard Error

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for the combined.



# NAACCR U.S. Combined Pediatric Cancer Incidence 2012-2016



**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, All Races, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	28,342	181.5	1.08	183.3	1.09	41,358	196.2	0.96	197.1	0.97
I. Leukemias	8,744	55.9	0.60	56.7	0.61	11,011	52.4	0.50	53.0	0.51
I(a). Lymphoid leukemias	6,637	42.4	0.52	43.0	0.53	7,889	37.6	0.42	38.1	0.43
I(b). Acute myeloid leukemias	1,223	7.8	0.22	7.9	0.23	1,760	8.3	0.20	8.4	0.20
II. Lymphomas & reticuloendothelial neoplasms	4,302	27.6	0.42	27.5	0.42	7,495	35.5	0.41	35.1	0.41
II(a). Hodgkin lymphomas	1,071	6.9	0.21	6.7	0.21	2,749	12.9	0.25	12.6	0.24
II(b, c, e). Non-Hodgkin lymphomas	2,154	13.9	0.30	13.7	0.30	3,535	16.8	0.28	16.6	0.28
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	5,825	37.3	0.49	37.5	0.49	7,118	33.9	0.40	34.2	0.41
III(a). Ependymomas and choroids plexus tumor	514	3.3	0.14	3.3	0.15	599	2.9	0.12	2.9	0.12
III(b). Astrocytomas	2,881	18.5	0.34	18.5	0.35	3,617	17.2	0.29	17.3	0.29
III(c). Intracranial and intraspinal embryonal tumors	1,307	8.4	0.23	8.5	0.23	1,441	6.9	0.18	7.0	0.18
III(d). Other gliomas	917	5.9	0.19	5.9	0.19	1,177	5.6	0.16	5.6	0.16
IV. Neuroblastoma and other peripheral nervous cell tumors	1,912	12.2	0.28	12.7	0.29	1,964	9.4	0.21	9.8	0.22
IV(a). Neuroblastoma & ganglioneuroblastoma	1,873	11.9	0.28	12.4	0.29	1,900	9.1	0.21	9.5	0.22
V. Retinoblastoma	695	4.4	0.17	4.7	0.18	695	3.3	0.13	3.5	0.13
VI. Renal Tumors	1,299	8.3	0.23	8.5	0.24	1,415	6.7	0.18	7.0	0.19
VI(a). Nephroblastoma and other nonepithelial renal tumors	1,227	7.8	0.22	8.1	0.23	1,246	5.9	0.17	6.2	0.18
VII. Hepatic tumors	573	3.6	0.15	3.8	0.16	631	3.0	0.12	3.1	0.12
VII(a). Hepatoblastoma	501	3.2	0.14	3.3	0.15	502	2.4	0.11	2.5	0.11
VIII. Malignant bone tumors	1,236	8.0	0.23	7.8	0.22	2,190	10.4	0.22	10.2	0.22
VIII(a). Osteosarcomas	675	4.4	0.17	4.2	0.16	1,224	5.8	0.17	5.7	0.16
VIII(c). Ewing tumor and related sarcomas of bone	445	2.9	0.14	2.8	0.13	735	3.5	0.13	3.4	0.13
IX. Soft tissue and other extraosseous sarcomas	1,873	12.0	0.28	12.1	0.28	2,769	13.1	0.25	13.2	0.25
IX(a). Rhabdomyosarcomas	900	5.8	0.19	5.8	0.19	1,100	5.2	0.16	5.3	0.16
X. Germ cell & trophoblastic tumors & neoplasms of gonads	705	4.5	0.17	4.6	0.17	2,996	14.0	0.26	13.8	0.25
X(a). Intracranial & intraspinal germ cell tumors	313	2.0	0.11	2.0	0.11	535	2.5	0.11	2.5	0.11
X(c). Malignant gonadal germ cell tumors	217	1.4	0.09	1.4	0.10	2,132	9.9	0.21	9.7	0.21
XI. Other malignant epithelial neoplasms and melanomas	1,066	6.9	0.21	6.7	0.21	2,914	13.7	0.25	13.4	0.25
XI(b). Thyroid carcinomas	283	1.8	0.11	1.8	0.11	838	3.9	0.14	3.8	0.13
XI(d). Malignant melanomas	314	2.0	0.11	2.0	0.11	722	3.4	0.13	3.4	0.12
XII. Other & unspecified malignant neoplasms	112	0.7	0.07	0.7	0.07	160	0.8	0.06	0.8	0.06

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, All Races, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	24,566	164.3	1.05	165.9	1.06	36,396	180.5	0.95	181.2	0.95
I. Leukemias	7,381	49.3	0.57	50.0	0.58	8,836	44.0	0.47	44.7	0.48
I(a). Lymphoid leukemias	5,511	36.8	0.50	37.4	0.50	6,100	30.4	0.39	31.0	0.40
I(b). Acute myeloid leukemias	1,140	7.6	0.23	7.7	0.23	1,642	8.1	0.20	8.2	0.20
II. Lymphomas & reticuloendothelial neoplasms	2,507	16.8	0.34	16.7	0.33	4,901	24.2	0.35	24.0	0.34
II(a). Hodgkin lymphomas	664	4.5	0.17	4.3	0.17	2,302	11.3	0.24	11.0	0.23
II(b, c, e). Non-Hodgkin lymphomas	1,043	7.0	0.22	6.9	0.21	1,740	8.6	0.21	8.5	0.20
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	4,981	33.3	0.47	33.5	0.48	6,069	30.2	0.39	30.5	0.39
III(a). Ependymomas and choroids plexus tumor	406	2.7	0.13	2.8	0.14	487	2.4	0.11	2.5	0.11
III(b). Astrocytomas	2,653	17.8	0.34	17.8	0.35	3,256	16.2	0.28	16.3	0.29
III(c). Intracranial and intraspinal embryonal tumors	858	5.7	0.20	5.8	0.20	955	4.8	0.15	4.9	0.16
III(d). Other gliomas	876	5.9	0.20	5.9	0.20	1,124	5.6	0.17	5.6	0.17
IV. Neuroblastoma and other peripheral nervous cell tumors	1,711	11.4	0.28	11.9	0.29	1,761	8.8	0.21	9.2	0.22
IV(a). Neuroblastoma & ganglioneuroblastoma	1,685	11.2	0.27	11.7	0.29	1,715	8.5	0.21	9.0	0.22
V. Retinoblastoma	671	4.5	0.17	4.7	0.18	673	3.4	0.13	3.6	0.14
VI. Renal Tumors	1,472	9.8	0.26	10.1	0.26	1,591	7.9	0.20	8.2	0.21
VI(a). Nephroblastoma and other nonepithelial renal tumors	1,402	9.3	0.25	9.6	0.26	1,419	7.1	0.19	7.4	0.20
VII. Hepatic tumors	378	2.5	0.13	2.6	0.13	445	2.2	0.10	2.3	0.11
VII(a). Hepatoblastoma	325	2.2	0.12	2.3	0.13	326	1.6	0.09	1.7	0.09
VIII. Malignant bone tumors	1,077	7.2	0.22	7.1	0.22	1,631	8.1	0.20	8.0	0.20
VIII(a). Osteosarcomas	596	4.0	0.16	3.9	0.16	881	4.4	0.15	4.3	0.14
VIII(c). Ewing tumor and related sarcomas of bone	365	2.5	0.13	2.4	0.13	536	2.7	0.12	2.6	0.11
IX. Soft tissue and other extrasosseous sarcomas	1,523	10.2	0.26	10.2	0.26	2,242	11.1	0.24	11.1	0.23
IX(a). Rhabdomyosarcomas	687	4.6	0.18	4.6	0.18	837	4.2	0.14	4.2	0.15
X. Germ cell & trophoblastic tumors & neoplasms of gonads	1,006	6.7	0.21	6.8	0.21	1,779	8.8	0.21	8.8	0.21
X(a). Intracranial & intraspinal germ cell tumors	171	1.1	0.09	1.1	0.09	203	1.0	0.07	1.0	0.07
X(c). Malignant gonadal germ cell tumors	482	3.2	0.15	3.2	0.14	935	4.6	0.15	4.5	0.15
XI. Other malignant epithelial neoplasms and melanomas	1,738	11.7	0.28	11.4	0.27	6,252	30.7	0.39	30.0	0.38
XI(b). Thyroid carcinomas	811	5.5	0.19	5.3	0.19	3,524	17.3	0.29	16.8	0.28
XI(d). Malignant melanomas	328	2.2	0.12	2.2	0.12	982	4.8	0.15	4.7	0.15
XII. Other & unspecified malignant neoplasms	121	0.8	0.07	0.8	0.07	216	1.1	0.07	1.1	0.07

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, White, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	21,935	188.1	1.27	189.9	1.28	32,325	204.9	1.14	205.8	1.15
I. Leukemias	6,864	58.8	0.71	59.6	0.72	8,647	55.0	0.59	55.7	0.60
I(a). Lymphoid leukemias	5,332	45.7	0.63	46.3	0.63	6,362	40.6	0.51	41.2	0.52
I(b). Acute myeloid leukemias	899	7.7	0.26	7.8	0.26	1,309	8.3	0.23	8.4	0.23
II. Lymphomas & reticuloendothelial neoplasms	3,272	28.1	0.49	27.9	0.49	5,726	36.2	0.48	35.8	0.47
II(a). Hodgkin lymphomas	799	6.9	0.24	6.7	0.24	2,148	13.5	0.29	13.1	0.28
II(b, c, e). Non-Hodgkin lymphomas	1,602	13.8	0.34	13.6	0.34	2,593	16.4	0.32	16.2	0.32
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	4,578	39.3	0.58	39.5	0.58	5,610	35.8	0.48	36.0	0.48
III(a). Ependymomas and choroids plexus tumor	408	3.5	0.17	3.6	0.18	470	3.0	0.14	3.1	0.14
III(b). Astrocytomas	2,286	19.6	0.41	19.7	0.41	2,881	18.3	0.34	18.4	0.34
III(c). Intracranial and intraspinal embryonal tumors	1,030	8.8	0.28	8.9	0.28	1,136	7.3	0.22	7.4	0.22
III(d). Other gliomas	711	6.1	0.23	6.1	0.23	920	5.9	0.19	5.9	0.19
IV. Neuroblastoma and other peripheral nervous cell tumors	1,484	12.7	0.33	13.3	0.34	1,521	9.7	0.25	10.2	0.26
IV(a). Neuroblastoma & ganglioneuroblastoma	1,454	12.4	0.33	13.0	0.34	1,475	9.4	0.25	9.9	0.26
V. Retinoblastoma	498	4.3	0.19	4.5	0.20	498	3.2	0.14	3.4	0.15
VI. Renal Tumors	965	8.3	0.27	8.5	0.27	1,052	6.7	0.21	7.0	0.21
VI(a). Nephroblastoma and other nonepithelial renal tumors	922	7.9	0.26	8.2	0.27	937	6.0	0.20	6.3	0.20
VII. Hepatic tumors	442	3.8	0.18	3.9	0.19	488	3.1	0.14	3.2	0.15
VII(a). Hepatoblastoma	383	3.3	0.17	3.4	0.18	384	2.5	0.13	2.6	0.13
VIII. Malignant bone tumors	973	8.4	0.27	8.2	0.26	1,739	11.0	0.26	10.8	0.26
VIII(a). Osteosarcomas	491	4.2	0.19	4.1	0.18	910	5.7	0.19	5.6	0.19
VIII(c). Ewing tumor and related sarcomas of bone	395	3.4	0.17	3.3	0.17	654	4.1	0.16	4.1	0.16
IX. Soft tissue and other extraosseous sarcomas	1,394	12.0	0.32	12.0	0.32	2,061	13.1	0.29	13.1	0.29
IX(a). Rhabdomyosarcomas	665	5.7	0.22	5.8	0.22	806	5.1	0.18	5.2	0.18
X. Germ cell & trophoblastic tumors & neoplasms of gonads	544	4.7	0.20	4.7	0.20	2,555	15.9	0.31	15.6	0.31
X(a). Intracranial & intraspinal germ cell tumors	252	2.2	0.14	2.1	0.13	420	2.7	0.13	2.6	0.13
X(c). Malignant gonadal germ cell tumors	165	1.4	0.11	1.5	0.11	1,886	11.7	0.27	11.4	0.26
XI. Other malignant epithelial neoplasms and melanomas	842	7.2	0.25	7.1	0.24	2,315	14.5	0.30	14.2	0.30
XI(b). Thyroid carcinomas	221	1.9	0.13	1.8	0.12	667	4.2	0.16	4.1	0.16
XI(d). Malignant melanomas	277	2.4	0.14	2.4	0.14	656	4.1	0.16	4.1	0.16
XII. Other & unspecified malignant neoplasms	79	0.7	0.08	0.7	0.08	113	0.7	0.07	0.7	0.07

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as “Other” race and therefore is not included in the White race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, White, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	18,983	170.5	1.24	172.2	1.25	28,382	188.7	1.12	189.5	1.13
I. Leukemias	5,821	52.3	0.68	53.0	0.70	6,926	46.3	0.56	47.1	0.57
I(a). Lymphoid leukemias	4,459	40.0	0.60	40.7	0.61	4,932	33.0	0.47	33.7	0.48
I(b). Acute myeloid leukemias	839	7.5	0.26	7.6	0.26	1,212	8.1	0.23	8.1	0.23
II. Lymphomas & reticuloendothelial neoplasms	1,942	17.5	0.40	17.4	0.39	3,850	25.5	0.41	25.2	0.41
II(a). Hodgkin lymphomas	506	4.5	0.20	4.4	0.20	1,851	12.1	0.28	11.8	0.28
II(b, c, e). Non-Hodgkin lymphomas	770	6.9	0.25	6.9	0.25	1,281	8.5	0.24	8.4	0.24
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	3,881	34.9	0.56	35.1	0.56	4,745	31.7	0.46	32.0	0.46
III(a). Ependymomas and choroids plexus tumor	326	2.9	0.16	3.0	0.17	387	2.6	0.13	2.6	0.13
III(b). Astrocytomas	2,110	19.0	0.41	19.0	0.41	2,606	17.4	0.34	17.5	0.34
III(c). Intracranial and intraspinal embryonal tumors	656	5.9	0.23	6.0	0.23	730	4.9	0.18	5.0	0.19
III(d). Other gliomas	663	6.0	0.23	5.9	0.23	853	5.7	0.20	5.7	0.20
IV. Neuroblastoma and other peripheral nervous cell tumors	1,328	11.9	0.33	12.4	0.34	1,366	9.2	0.25	9.6	0.26
IV(a). Neuroblastoma & ganglioneuroblastoma	1,309	11.7	0.32	12.3	0.34	1,332	8.9	0.24	9.4	0.26
V. Retinoblastoma	475	4.3	0.20	4.5	0.21	477	3.2	0.15	3.4	0.16
VI. Renal Tumors	1,072	9.6	0.29	9.9	0.30	1,155	7.7	0.23	8.0	0.24
VI(a). Nephroblastoma and other nonepithelial renal tumors	1,030	9.2	0.29	9.5	0.30	1,044	7.0	0.22	7.3	0.23
VII. Hepatic tumors	290	2.6	0.15	2.7	0.16	340	2.3	0.12	2.4	0.13
VII(a). Hepatoblastoma	249	2.2	0.14	2.3	0.15	250	1.7	0.11	1.8	0.11
VIII. Malignant bone tumors	838	7.5	0.26	7.4	0.26	1,269	8.4	0.24	8.3	0.23
VIII(a). Osteosarcomas	431	3.9	0.19	3.8	0.18	637	4.2	0.17	4.2	0.16
VIII(c). Ewing tumor and related sarcomas of bone	314	2.8	0.16	2.8	0.16	466	3.1	0.14	3.1	0.14
IX. Soft tissue and other extrasosseous sarcomas	1,129	10.1	0.30	10.2	0.30	1,656	11.0	0.27	11.0	0.27
IX(a). Rhabdomyosarcomas	506	4.5	0.20	4.6	0.20	623	4.2	0.17	4.2	0.17
X. Germ cell & trophoblastic tumors & neoplasms of gonads	719	6.5	0.24	6.5	0.24	1,266	8.4	0.24	8.3	0.23
X(a). Intracranial & intraspinal germ cell tumors	127	1.1	0.10	1.1	0.10	150	1.0	0.08	1.0	0.08
X(c). Malignant gonadal germ cell tumors	331	3.0	0.16	2.9	0.16	645	4.3	0.17	4.2	0.16
XI. Other malignant epithelial neoplasms and melanomas	1,404	12.6	0.34	12.3	0.33	5,184	34.0	0.47	33.2	0.46
XI(b). Thyroid carcinomas	666	6.0	0.23	5.8	0.23	2,934	19.2	0.35	18.7	0.35
XI(d). Malignant melanomas	272	2.4	0.15	2.4	0.15	871	5.7	0.19	5.6	0.19
XII. Other & unspecified malignant neoplasms	84	0.8	0.08	0.8	0.08	148	1.0	0.08	1.0	0.08

<sup>1</sup> Rates are per million population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the White race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, Black, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	3,481	135.8	2.30	136.8	2.32	4,917	142.6	2.03	143.1	2.04
I. Leukemias	886	34.5	1.16	34.8	1.17	1,156	33.5	0.99	33.8	0.99
I(a). Lymphoid leukemias	565	22.0	0.93	22.2	0.93	676	19.6	0.75	19.8	0.76
I(b). Acute myeloid leukemias	176	6.8	0.52	6.9	0.52	255	7.4	0.46	7.4	0.47
II. Lymphomas & reticuloendothelial neoplasms	563	22.3	0.94	22.0	0.93	1,012	29.5	0.93	29.0	0.91
II(a). Hodgkin lymphomas	173	6.9	0.52	6.7	0.51	391	11.4	0.58	11.1	0.56
II(b, c, e). Non-Hodgkin lymphomas	321	12.7	0.71	12.5	0.70	547	15.9	0.68	15.7	0.67
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	721	28.2	1.05	28.3	1.05	883	25.7	0.86	25.8	0.87
III(a). Ependymomas and choroids plexus tumor	61	2.4	0.30	2.4	0.31	75	2.2	0.25	2.2	0.25
III(b). Astrocytomas	345	13.5	0.73	13.5	0.73	426	12.4	0.60	12.5	0.60
III(c). Intracranial and intraspinal embryonal tumors	145	5.6	0.47	5.7	0.47	159	4.6	0.37	4.7	0.37
III(d). Other gliomas	133	5.2	0.45	5.2	0.45	173	5.1	0.38	5.0	0.38
IV. Neuroblastoma and other peripheral nervous cell tumors	252	9.7	0.61	10.0	0.63	261	7.5	0.46	7.8	0.48
IV(a). Neuroblastoma & ganglioneuroblastoma	245	9.4	0.60	9.7	0.62	248	7.1	0.45	7.4	0.47
V. Retinoblastoma	110	4.2	0.40	4.4	0.42	110	3.1	0.30	3.3	0.32
VI. Renal Tumors	236	9.1	0.59	9.3	0.61	257	7.4	0.46	7.6	0.48
VI(a). Nephroblastoma and other nonepithelial renal tumors	219	8.4	0.57	8.7	0.59	219	6.3	0.42	6.5	0.44
VII. Hepatic tumors	73	2.8	0.33	2.9	0.34	79	2.3	0.25	2.4	0.27
VII(a). Hepatoblastoma	66	2.5	0.31	2.6	0.32	66	1.9	0.23	2.0	0.24
VIII. Malignant bone tumors	143	5.7	0.48	5.6	0.46	259	7.6	0.47	7.4	0.46
VIII(a). Osteosarcomas	118	4.7	0.43	4.6	0.42	205	6.0	0.42	5.9	0.41
VIII(c). Ewing tumor and related sarcomas of bone	13	0.5	0.14	0.5	0.14	23	0.7	0.14	0.7	0.14
IX. Soft tissue and other extraosseous sarcomas	313	12.2	0.69	12.3	0.69	466	13.5	0.63	13.5	0.63
IX(a). Rhabdomyosarcomas	156	6.1	0.48	6.1	0.49	198	5.7	0.41	5.8	0.41
X. Germ cell & trophoblastic tumors & neoplasms of gonads	58	2.3	0.30	2.3	0.30	124	3.6	0.32	3.6	0.32
X(a). Intracranial & intraspinal germ cell tumors	24	1.0	0.19	0.9	0.19	42	1.2	0.19	1.2	0.19
X(c). Malignant gonadal germ cell tumors	15	0.6	0.15	0.6	0.15	52	1.5	0.21	1.5	0.21
XI. Other malignant epithelial neoplasms and melanomas	109	4.3	0.41	4.3	0.41	282	8.2	0.49	8.0	0.48
XI(b). Thyroid carcinomas	26	1.0	0.20	1.0	0.20	63	1.8	0.23	1.8	0.23
XI(d). Malignant melanomas	13	0.5	0.14	0.5	0.14	18	0.5	0.12	0.5	0.12
XII. Other & unspecified malignant neoplasms	17	0.7	0.16	0.7	0.16	28	0.8	0.15	0.8	0.15

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Black race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.



**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, Black, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	3,028	122.1	2.22	123.0	2.24	4,355	130.6	1.98	131.0	1.99
I. Leukemias	749	30.0	1.10	30.5	1.11	929	27.8	0.91	28.2	0.93
I(a). Lymphoid leukemias	472	18.9	0.87	19.2	0.88	516	15.4	0.68	15.8	0.69
I(b). Acute myeloid leukemias	172	6.9	0.53	7.0	0.53	243	7.3	0.47	7.3	0.47
II. Lymphomas & reticuloendothelial neoplasms	296	12.1	0.70	11.9	0.69	593	17.8	0.73	17.6	0.72
II(a). Hodgkin lymphomas	101	4.2	0.42	4.1	0.40	291	8.7	0.51	8.5	0.50
II(b, c, e). Non-Hodgkin lymphomas	152	6.2	0.50	6.1	0.50	258	7.8	0.48	7.7	0.48
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	640	25.8	1.02	25.9	1.03	788	23.7	0.84	23.9	0.85
III(a). Ependymomas and choroids plexus tumor	47	1.9	0.27	1.9	0.28	59	1.8	0.23	1.8	0.23
III(b). Astrocytomas	309	12.5	0.71	12.5	0.71	377	11.4	0.59	11.4	0.59
III(c). Intracranial and intraspinal embryonal tumors	112	4.5	0.42	4.6	0.43	132	3.9	0.34	4.0	0.35
III(d). Other gliomas	133	5.4	0.47	5.4	0.47	169	5.1	0.39	5.1	0.39
IV. Neuroblastoma and other peripheral nervous cell tumors	221	8.8	0.59	9.1	0.61	226	6.7	0.45	7.0	0.47
IV(a). Neuroblastoma & ganglioneuroblastoma	215	8.5	0.58	8.8	0.60	218	6.5	0.44	6.8	0.46
V. Retinoblastoma	110	4.3	0.41	4.6	0.43	110	3.2	0.31	3.4	0.33
VI. Renal Tumors	284	11.3	0.67	11.6	0.69	310	9.2	0.52	9.5	0.54
VI(a). Nephroblastoma and other nonepithelial renal tumors	267	10.6	0.65	10.9	0.67	269	8.0	0.49	8.3	0.51
VII. Hepatic tumors	41	1.6	0.26	1.7	0.26	51	1.5	0.21	1.6	0.22
VII(a). Hepatoblastoma	33	1.3	0.23	1.4	0.24	33	1.0	0.17	1.0	0.18
VIII. Malignant bone tumors	146	6.0	0.50	5.9	0.48	217	6.6	0.45	6.5	0.44
VIII(a). Osteosarcomas	114	4.7	0.44	4.6	0.43	162	4.9	0.39	4.8	0.38
VIII(c). Ewing tumor and related sarcomas of bone	18	0.7	0.17	0.7	0.17	29	0.9	0.16	0.9	0.16
IX. Soft tissue and other extrasosseous sarcomas	241	9.8	0.63	9.8	0.63	369	11.1	0.58	11.0	0.58
IX(a). Rhabdomyosarcomas	108	4.4	0.42	4.4	0.42	132	4.0	0.35	4.0	0.35
X. Germ cell & trophoblastic tumors & neoplasms of gonads	150	6.1	0.50	6.1	0.50	296	8.9	0.52	8.8	0.51
X(a). Intracranial & intraspinal germ cell tumors	19	0.8	0.18	0.8	0.18	25	0.8	0.15	0.8	0.15
X(c). Malignant gonadal germ cell tumors	74	3.1	0.35	3.0	0.35	161	4.9	0.38	4.7	0.37
XI. Other malignant epithelial neoplasms and melanomas	130	5.3	0.47	5.2	0.46	426	12.7	0.62	12.5	0.60
XI(b). Thyroid carcinomas	42	1.7	0.27	1.7	0.26	188	5.6	0.41	5.5	0.40
XI(d). Malignant melanomas	22	0.9	0.19	0.9	0.19	28	0.8	0.16	0.8	0.16
XII. Other & unspecified malignant neoplasms	20	0.8	0.18	0.8	0.18	40	1.2	0.19	1.2	0.19

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Black race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, Asian/Pacific Islander, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	1,465	156.2	4.08	157.8	4.12	2,046	164.1	3.63	165.1	3.65
I. Leukemias	523	55.5	2.43	56.3	2.46	628	50.1	2.00	50.8	2.03
I(a). Lymphoid leukemias	379	40.1	2.06	40.7	2.09	433	34.4	1.65	35.0	1.68
I(b). Acute myeloid leukemias	99	10.6	1.06	10.7	1.08	122	9.8	0.89	9.9	0.90
II. Lymphomas & reticuloendothelial neoplasms	237	25.4	1.65	25.5	1.66	393	31.7	1.60	31.6	1.59
II(a). Hodgkin lymphomas	49	5.4	0.77	5.2	0.75	111	9.0	0.86	8.9	0.84
II(b, c, e). Non-Hodgkin lymphomas	119	12.8	1.18	12.7	1.17	206	16.7	1.16	16.5	1.15
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	251	26.8	1.69	26.9	1.70	291	23.3	1.37	23.5	1.38
III(a). Ependymomas and choroids plexus tumor	27	2.8	0.55	2.9	0.56	31	2.4	0.44	2.5	0.45
III(b). Astrocytomas	110	11.8	1.12	11.8	1.12	135	10.9	0.93	10.9	0.94
III(c). Intracranial and intraspinal embryonal tumors	68	7.2	0.88	7.3	0.88	72	5.8	0.68	5.8	0.69
III(d). Other gliomas	37	4.0	0.65	3.9	0.65	42	3.4	0.52	3.4	0.52
IV. Neuroblastoma and other peripheral nervous cell tumors	87	9.1	0.97	9.5	1.02	88	6.9	0.73	7.2	0.77
IV(a). Neuroblastoma & ganglioneuroblastoma	86	9.0	0.97	9.4	1.01	87	6.8	0.73	7.2	0.77
V. Retinoblastoma	38	4.0	0.64	4.2	0.68	38	3.0	0.48	3.2	0.51
VI. Renal Tumors	38	4.0	0.65	4.1	0.66	43	3.4	0.52	3.5	0.53
VI(a). Nephroblastoma and other nonepithelial renal tumors	31	3.2	0.58	3.3	0.60	35	2.7	0.46	2.8	0.48
VII. Hepatic tumors	31	3.3	0.59	3.4	0.61	36	2.8	0.47	2.9	0.49
VII(a). Hepatoblastoma	27	2.8	0.54	2.9	0.57	27	2.1	0.41	2.2	0.43
VIII. Malignant bone tumors	64	7.0	0.87	6.8	0.86	106	8.6	0.84	8.5	0.82
VIII(a). Osteosarcomas	36	3.9	0.66	3.8	0.64	63	5.1	0.65	5.0	0.63
VIII(c). Ewing tumor and related sarcomas of bone	17	1.9	0.45	1.8	0.44	30	2.4	0.45	2.4	0.44
IX. Soft tissue and other extraosseous sarcomas	85	9.1	0.99	9.2	1.00	119	9.6	0.88	9.6	0.88
IX(a). Rhabdomyosarcomas	39	4.1	0.66	4.2	0.67	46	3.7	0.54	3.7	0.55
X. Germ cell & trophoblastic tumors & neoplasms of gonads	54	5.8	0.79	5.9	0.80	162	13.1	1.03	13.0	1.02
X(a). Intracranial & intraspinal germ cell tumors	23	2.5	0.52	2.5	0.52	58	4.7	0.62	4.6	0.61
X(c). Malignant gonadal germ cell tumors	21	2.2	0.48	2.3	0.50	78	6.3	0.71	6.2	0.71
XI. Other malignant epithelial neoplasms and melanomas	50	5.5	0.78	5.4	0.76	135	11.0	0.95	10.8	0.93
XI(b). Thyroid carcinomas	20	2.2	0.49	2.1	0.48	52	4.2	0.59	4.1	0.58
XI(d). Malignant melanomas	8	0.9	0.30	0.8	0.30	13	1.0	0.29	1.0	0.29
XII. Other & unspecified malignant neoplasms	7	0.7	0.28	0.8	0.29	7	0.6	0.21	0.6	0.22

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as “Other” race and therefore is not included in the API race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, Asian/Pacific Islander, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	1,301	143.5	3.98	145.3	4.03	1,814	150.2	3.53	151.4	3.56
I. Leukemias	428	47.0	2.27	47.8	2.31	510	42.0	1.86	42.7	1.89
I(a). Lymphoid leukemias	304	33.3	1.91	33.9	1.94	337	27.7	1.51	28.3	1.54
I(b). Acute myeloid leukemias	78	8.6	0.97	8.7	0.99	111	9.2	0.87	9.3	0.88
II. Lymphomas & reticuloendothelial neoplasms	141	15.6	1.31	15.7	1.32	244	20.3	1.30	20.2	1.29
II(a). Hodgkin lymphomas	22	2.5	0.53	2.4	0.51	71	5.9	0.70	5.8	0.69
II(b, c, e). Non-Hodgkin lymphomas	73	8.1	0.95	8.0	0.94	123	10.2	0.92	10.1	0.91
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	221	24.4	1.64	24.5	1.65	258	21.3	1.33	21.5	1.34
III(a). Ependymomas and choroids plexus tumor	14	1.5	0.41	1.6	0.42	18	1.5	0.35	1.5	0.36
III(b). Astrocytomas	102	11.2	1.11	11.3	1.12	122	10.1	0.91	10.2	0.92
III(c). Intracranial and intraspinal embryonal tumors	55	6.1	0.82	6.1	0.83	58	4.8	0.63	4.9	0.64
III(d). Other gliomas	40	4.4	0.70	4.4	0.70	50	4.1	0.59	4.1	0.59
IV. Neuroblastoma and other peripheral nervous cell tumors	95	10.4	1.07	10.9	1.12	98	8.1	0.81	8.5	0.86
IV(a). Neuroblastoma & ganglioneuroblastoma	94	10.3	1.06	10.8	1.12	96	7.9	0.81	8.3	0.85
V. Retinoblastoma	51	5.6	0.78	5.9	0.83	51	4.2	0.59	4.5	0.62
VI. Renal Tumors	47	5.2	0.75	5.3	0.78	52	4.3	0.59	4.4	0.62
VI(a). Nephroblastoma and other nonepithelial renal tumors	43	4.7	0.72	4.9	0.75	43	3.5	0.54	3.7	0.57
VII. Hepatic tumors	31	3.4	0.61	3.5	0.64	35	2.9	0.49	3.0	0.51
VII(a). Hepatoblastoma	30	3.3	0.60	3.4	0.63	30	2.5	0.45	2.6	0.47
VIII. Malignant bone tumors	47	5.2	0.76	5.1	0.75	76	6.3	0.73	6.2	0.72
VIII(a). Osteosarcomas	25	2.8	0.56	2.7	0.54	44	3.7	0.55	3.6	0.54
VIII(c). Ewing tumor and related sarcomas of bone	17	1.9	0.46	1.9	0.45	22	1.8	0.39	1.8	0.39
IX. Soft tissue and other extrasosseous sarcomas	73	8.1	0.94	8.1	0.95	101	8.4	0.83	8.4	0.84
IX(a). Rhabdomyosarcomas	38	4.2	0.68	4.2	0.69	43	3.5	0.54	3.6	0.55
X. Germ cell & trophoblastic tumors & neoplasms of gonads	82	9.1	1.01	9.1	1.00	117	9.8	0.90	9.7	0.90
X(a). Intracranial & intraspinal germ cell tumors	17	1.9	0.46	1.9	0.45	20	1.7	0.37	1.6	0.37
X(c). Malignant gonadal germ cell tumors	44	4.9	0.74	4.8	0.72	62	5.2	0.66	5.1	0.65
XI. Other malignant epithelial neoplasms and melanomas	78	8.7	0.99	8.5	0.96	263	22.0	1.36	21.4	1.32
XI(b). Thyroid carcinomas	48	5.4	0.78	5.2	0.75	186	15.6	1.14	15.1	1.11
XI(d). Malignant melanomas	-	-	-	-	-	7	0.6	0.22	0.6	0.22
XII. Other & unspecified malignant neoplasms	7	0.8	0.29	0.8	0.30	9	0.7	0.25	0.8	0.25

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the API race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, American Indian/Alaskan Native for PRCDA<sup>3</sup> Counties, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>4</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	233	143.2	9.40	144.7	9.49	328	155.2	8.59	156.0	8.62
I. Leukemias	91	55.3	5.80	56.2	5.89	105	48.4	4.74	49.3	4.81
I(a). Lymphoid leukemias	70	42.6	5.10	43.2	5.17	80	36.9	4.14	37.6	4.20
I(b). Acute myeloid leukemias	9	5.4	1.80	5.5	1.85	12	5.6	1.61	5.7	1.63
II. Lymphomas & reticuloendothelial neoplasms	29	18.7	3.47	18.4	3.41	48	23.6	3.40	23.2	3.35
II(a). Hodgkin lymphomas	-	-	-	-	-	10	5.0	1.58	4.9	1.55
II(b, c, e). Non-Hodgkin lymphomas	14	9.2	2.47	9.0	2.40	25	12.5	2.50	12.2	2.44
III. CNS <sup>4</sup> & misc. intracranial & intraspinal neoplasms	46	28.8	4.25	28.7	4.24	60	28.6	3.70	28.6	3.69
III(a). Ependymomas and choroids plexus tumor	-	-	-	-	-	6	2.9	1.18	2.9	1.17
III(b). Astrocytomas	16	10.1	2.54	10.1	2.52	25	12.1	2.43	12.0	2.40
III(c). Intracranial and intraspinal embryonal tumors	12	7.4	2.13	7.4	2.14	13	6.0	1.67	6.1	1.69
III(d). Other gliomas	9	5.7	1.90	5.7	1.89	10	4.8	1.51	4.8	1.51
IV. Neuroblastoma and other peripheral nervous cell tumors	12	7.1	2.04	7.3	2.12	14	6.3	1.69	6.5	1.74
IV(a). Neuroblastoma & ganglioneuroblastoma	12	7.1	2.04	7.3	2.12	13	5.8	1.61	6.0	1.67
V. Retinoblastoma	7	4.0	1.52	4.2	1.60	7	3.0	1.13	3.2	1.21
VI. Renal Tumors	9	5.4	1.80	5.5	1.85	9	4.0	1.35	4.2	1.39
VI(a). Nephroblastoma and other nonepithelial renal tumors	9	5.4	1.80	5.5	1.85	9	4.0	1.35	4.2	1.39
VII. Hepatic tumors	8	4.6	1.62	4.8	1.71	8	3.4	1.21	3.7	1.29
VII(a). Hepatoblastoma	8	4.6	1.62	4.8	1.71	8	3.4	1.21	3.7	1.29
VIII. Malignant bone tumors	6	3.9	1.59	3.8	1.56	12	5.9	1.72	5.8	1.68
VIII(a). Osteosarcomas	-	-	-	-	-	7	3.5	1.32	3.4	1.29
VIII(c). Ewing tumor and related sarcomas of bone	-	-	-	-	-	-	-	-	-	-
IX. Soft tissue and other extraosseous sarcomas	14	8.8	2.34	8.8	2.35	24	11.6	2.37	11.5	2.36
IX(a). Rhabdomyosarcomas	11	6.9	2.10	6.9	2.09	13	6.2	1.72	6.2	1.72
X. Germ cell & trophoblastic tumors & neoplasms of gonads	7	4.3	1.64	4.4	1.65	26	12.8	2.52	12.6	2.48
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	-	-	-	-	-	-	-
X(c). Malignant gonadal germ cell tumors	-	-	-	-	-	19	9.5	2.19	9.3	2.13
XI. Other malignant epithelial neoplasms and melanomas	-	-	-	-	-	14	7.0	1.87	6.8	1.83
XI(b). Thyroid carcinomas	-	-	-	-	-	-	-	-	-	-
XI(d). Malignant melanomas	-	-	-	-	-	-	-	-	-	-
XII. Other & unspecified malignant neoplasms	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Statistics exclude cases diagnosed for KS and MN for all years. Puerto Rico is defined as “Other” race and therefore is not included in the AI/AN race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> PRCDA – Indian Health Services Purchased/Referred Care Delivery Area (See Appendix G)

<sup>4</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, American Indian/Alaskan Native for PRCDA<sup>3</sup> Counties, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>4</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	164	104.3	8.16	105.2	8.22	232	113.5	7.47	113.9	7.48
I. Leukemias	55	34.8	4.70	35.2	4.74	68	32.8	3.99	33.2	4.02
I(a). Lymphoid leukemias	38	24.0	3.90	24.3	3.94	42	20.0	3.10	20.4	3.14
I(b). Acute myeloid leukemias	10	6.4	2.03	6.4	2.04	16	7.9	1.98	7.9	1.98
II. Lymphomas & reticuloendothelial neoplasms	20	13.2	2.95	13.0	2.91	32	16.1	2.85	15.9	2.82
II(a). Hodgkin lymphomas	-	-	-	-	-	6	3.0	1.24	3.0	1.23
II(b, c, e). Non-Hodgkin lymphomas	12	7.9	2.29	7.8	2.26	20	10.1	2.26	10.0	2.23
III. CNS <sup>4</sup> & misc. intracranial & intraspinal neoplasms	26	16.4	3.23	16.6	3.26	29	13.9	2.58	14.1	2.61
III(a). Ependymomas and choroids plexus tumor	-	-	-	-	-	-	-	-	-	-
III(b). Astrocytomas	12	7.8	2.25	7.7	2.23	14	6.9	1.84	6.9	1.83
III(c). Intracranial and intraspinal embryonal tumors	-	-	-	-	-	-	-	-	-	-
III(d). Other gliomas	6	3.8	1.57	3.8	1.57	7	3.4	1.29	3.4	1.29
IV. Neuroblastoma and other peripheral nervous cell tumors	9	5.5	1.82	5.7	1.89	9	4.1	1.36	4.3	1.43
IV(a). Neuroblastoma & ganglioneuroblastoma	9	5.5	1.82	5.7	1.89	9	4.1	1.36	4.3	1.43
V. Retinoblastoma	6	3.6	1.45	3.8	1.54	6	2.7	1.09	2.8	1.16
VI. Renal Tumors	12	7.4	2.15	7.6	2.19	12	5.6	1.61	5.7	1.66
VI(a). Nephroblastoma and other nonepithelial renal tumors	12	7.4	2.15	7.6	2.19	12	5.6	1.61	5.7	1.66
VII. Hepatic tumors	-	-	-	-	-	-	-	-	-	-
VII(a). Hepatoblastoma	-	-	-	-	-	-	-	-	-	-
VIII. Malignant bone tumors	8	5.3	1.89	5.2	1.85	11	5.6	1.68	5.5	1.65
VIII(a). Osteosarcomas	6	4.1	1.66	4.0	1.61	8	4.1	1.44	4.0	1.41
VIII(c). Ewing tumor and related sarcomas of bone	-	-	-	-	-	-	-	-	-	-
IX. Soft tissue and other extrasosseous sarcomas	12	7.9	2.28	7.8	2.25	18	9.0	2.13	8.9	2.11
IX(a). Rhabdomyosarcomas	-	-	-	-	-	6	3.0	1.21	2.9	1.20
X. Germ cell & trophoblastic tumors & neoplasms of gonads	-	-	-	-	-	8	4.0	1.41	4.0	1.40
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	-	-	-	-	-	-	-
X(c). Malignant gonadal germ cell tumors	-	-	-	-	-	6	3.0	1.23	3.0	1.22
XI. Other malignant epithelial neoplasms and melanomas	6	4.1	1.66	4.0	1.61	33	17.1	2.98	16.7	2.90
XI(b). Thyroid carcinomas	-	-	-	-	-	21	10.9	2.38	10.6	2.32
XI(d). Malignant melanomas	-	-	-	-	-	-	-	-	-	-
XII. Other & unspecified malignant neoplasms	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Statistics exclude cases diagnosed for KS and MN for all years. Puerto Rico is defined as "Other" race and therefore is not included in the AI/AN race category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> PRCDA – Indian Health Services Purchased/Referred Care Delivery Area (See Appendix G)

<sup>4</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, Hispanic/Latino, All Races, Males**

Cancer Types	Ages 0-14						Ages 0-19				
	2000 U.S.			World			2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.	
All Sites	6,965	174.9	2.10	176.2	2.11	9,963	191.7	1.92	192.2	1.93	
I. Leukemias	2,649	66.2	1.29	66.8	1.30	3,350	63.8	1.10	64.3	1.11	
I(a). Lymphoid leukemias	2,091	52.1	1.14	52.7	1.15	2,547	48.3	0.96	48.8	0.97	
I(b). Acute myeloid leukemias	329	8.3	0.46	8.3	0.46	463	8.9	0.42	8.9	0.42	
II. Lymphomas & reticuloendothelial neoplasms	1,038	26.4	0.82	26.3	0.82	1,591	31.0	0.78	30.7	0.77	
II(a). Hodgkin lymphomas	266	6.9	0.42	6.7	0.41	547	10.9	0.46	10.6	0.45	
II(b, c, e). Non-Hodgkin lymphomas	450	11.5	0.54	11.4	0.54	702	13.7	0.52	13.5	0.51	
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	1,124	28.2	0.84	28.3	0.84	1,341	25.5	0.70	25.7	0.70	
III(a). Ependymomas and choroids plexus tumor	119	3.0	0.27	3.0	0.28	136	2.6	0.22	2.6	0.22	
III(b). Astrocytomas	532	13.4	0.58	13.4	0.58	652	12.5	0.49	12.5	0.49	
III(c). Intracranial and intraspinal embryonal tumors	278	6.9	0.41	7.0	0.42	308	5.8	0.33	5.9	0.34	
III(d). Other gliomas	150	3.8	0.31	3.8	0.31	184	3.5	0.26	3.5	0.26	
IV. Neuroblastoma and other peripheral nervous cell tumors	330	8.0	0.44	8.4	0.46	340	6.2	0.34	6.5	0.35	
IV(a). Neuroblastoma & ganglioneuroblastoma	324	7.9	0.44	8.2	0.46	329	6.0	0.33	6.3	0.35	
V. Retinoblastoma	179	4.3	0.32	4.6	0.34	179	3.2	0.24	3.4	0.26	
VI. Renal Tumors	267	6.5	0.40	6.7	0.41	289	5.3	0.31	5.5	0.32	
VI(a). Nephroblastoma and other nonepithelial renal tumors	248	6.0	0.38	6.2	0.40	251	4.6	0.29	4.8	0.30	
VII. Hepatic tumors	163	4.0	0.31	4.1	0.32	177	3.3	0.25	3.4	0.26	
VII(a). Hepatoblastoma	141	3.4	0.29	3.6	0.30	141	2.6	0.22	2.7	0.23	
VIII. Malignant bone tumors	309	8.1	0.46	7.9	0.45	516	10.2	0.45	10.0	0.44	
VIII(a). Osteosarcomas	191	5.0	0.36	4.9	0.35	324	6.4	0.36	6.3	0.35	
VIII(c). Ewing tumor and related sarcomas of bone	93	2.4	0.25	2.4	0.24	139	2.7	0.23	2.7	0.23	
IX. Soft tissue and other extraosseous sarcomas	429	10.8	0.52	10.9	0.53	617	11.9	0.48	11.9	0.48	
IX(a). Rhabdomyosarcomas	201	5.0	0.36	5.1	0.36	242	4.6	0.30	4.6	0.30	
X. Germ cell & trophoblastic tumors & neoplasms of gonads	218	5.6	0.38	5.6	0.38	997	20.0	0.63	19.6	0.62	
X(a). Intracranial & intraspinal germ cell tumors	93	2.4	0.25	2.4	0.25	134	2.7	0.23	2.6	0.23	
X(c). Malignant gonadal germ cell tumors	77	1.9	0.22	2.0	0.22	759	15.3	0.55	14.9	0.54	
XI. Other malignant epithelial neoplasms and melanomas	233	6.1	0.40	6.0	0.39	529	10.6	0.46	10.3	0.45	
XI(b). Thyroid carcinomas	76	2.0	0.23	1.9	0.22	189	3.8	0.28	3.7	0.27	
XI(d). Malignant melanomas	45	1.1	0.17	1.1	0.17	59	1.1	0.15	1.1	0.15	
XII. Other & unspecified malignant neoplasms	26	0.6	0.13	0.7	0.13	37	0.7	0.12	0.7	0.12	

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the Hispanic/Latino, All Races ethnicity category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

N.B. In areas with small Latino populations, methods to indirectly identify Latinos (like NHIAv2) can overestimate the ethnicity-specific counts of cancer cases. Also, even small errors in Latino population estimates can affect the magnitude of the cancer rates. Data Item 190 used in place of NHIA for MA and RI, see technical notes.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, Hispanic/Latina, All Races, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	6,206	161.8	2.06	163.1	2.07	8,691	174.0	1.87	174.7	1.87
I. Leukemias	2,245	58.2	1.23	58.9	1.24	2,660	52.4	1.02	53.1	1.03
I(a). Lymphoid leukemias	1,716	44.3	1.07	44.9	1.08	1,943	38.0	0.86	38.6	0.88
I(b). Acute myeloid leukemias	317	8.3	0.47	8.4	0.47	432	8.7	0.42	8.7	0.42
II. Lymphomas & reticuloendothelial neoplasms	669	17.6	0.68	17.6	0.68	1,110	22.6	0.68	22.4	0.67
II(a). Hodgkin lymphomas	169	4.6	0.35	4.5	0.34	442	9.3	0.44	9.0	0.43
II(b, c, e). Non-Hodgkin lymphomas	246	6.5	0.42	6.5	0.41	402	8.2	0.41	8.1	0.40
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	1,079	28.0	0.85	28.2	0.86	1,253	24.7	0.70	24.9	0.70
III(a). Ependymomas and choroids plexus tumor	112	2.9	0.27	2.9	0.28	130	2.5	0.22	2.6	0.23
III(b). Astrocytomas	521	13.6	0.59	13.6	0.60	606	12.0	0.49	12.1	0.49
III(c). Intracranial and intraspinal embryonal tumors	215	5.5	0.38	5.6	0.38	237	4.6	0.30	4.7	0.31
III(d). Other gliomas	187	4.9	0.36	4.9	0.36	223	4.4	0.30	4.4	0.30
IV. Neuroblastoma and other peripheral nervous cell tumors	285	7.2	0.43	7.5	0.45	291	5.5	0.32	5.8	0.34
IV(a). Neuroblastoma & ganglioneuroblastoma	282	7.1	0.42	7.4	0.44	285	5.4	0.32	5.7	0.34
V. Retinoblastoma	176	4.4	0.33	4.7	0.35	177	3.3	0.25	3.5	0.27
VI. Renal Tumors	317	8.1	0.45	8.3	0.47	339	6.5	0.35	6.7	0.37
VI(a). Nephroblastoma and other nonepithelial renal tumors	301	7.6	0.44	7.9	0.45	304	5.8	0.33	6.0	0.35
VII. Hepatic tumors	113	2.9	0.27	3.0	0.28	123	2.4	0.21	2.5	0.22
VII(a). Hepatoblastoma	102	2.6	0.26	2.7	0.27	102	1.9	0.19	2.0	0.20
VIII. Malignant bone tumors	268	7.2	0.44	7.1	0.43	366	7.5	0.39	7.4	0.39
VIII(a). Osteosarcomas	165	4.5	0.35	4.4	0.34	214	4.4	0.30	4.3	0.29
VIII(c). Ewing tumor and related sarcomas of bone	68	1.8	0.22	1.8	0.22	100	2.0	0.20	2.0	0.20
IX. Soft tissue and other extraosseous sarcomas	362	9.6	0.50	9.5	0.50	533	10.8	0.47	10.7	0.47
IX(a). Rhabdomyosarcomas	155	4.0	0.32	4.1	0.33	187	3.7	0.27	3.7	0.27
X. Germ cell & trophoblastic tumors & neoplasms of gonads	261	7.0	0.43	6.9	0.43	475	9.8	0.45	9.7	0.44
X(a). Intracranial & intraspinal germ cell tumors	43	1.1	0.17	1.1	0.17	55	1.1	0.15	1.1	0.15
X(c). Malignant gonadal germ cell tumors	155	4.2	0.34	4.1	0.33	283	5.9	0.35	5.7	0.34
XI. Other malignant epithelial neoplasms and melanomas	405	11.0	0.55	10.7	0.53	1,314	27.6	0.76	26.9	0.74
XI(b). Thyroid carcinomas	212	5.8	0.40	5.6	0.39	850	17.9	0.62	17.5	0.60
XI(d). Malignant melanomas	49	1.3	0.19	1.3	0.18	85	1.7	0.19	1.7	0.19
XII. Other & unspecified malignant neoplasms	26	0.7	0.13	0.7	0.13	50	1.0	0.14	1.0	0.14

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the Hispanic/Latina, All Races ethnicity category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

N.B. In areas with small Latino populations, methods to indirectly identify Latinos (like NHIAv2) can overestimate the ethnicity-specific counts of cancer cases. Also, even small errors in Latino population estimates can affect the magnitude of the cancer rates. Data Item 190 used in place of NHIA for MA and RI, see technical notes.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, Non-Hispanic White, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	15,841	191.3	1.52	193.4	1.54	23,606	207.6	1.35	208.7	1.36
I. Leukemias	4,513	54.7	0.81	55.5	0.83	5,666	50.5	0.67	51.2	0.68
I(a). Lymphoid leukemias	3,474	42.1	0.71	42.7	0.73	4,087	36.6	0.57	37.2	0.58
I(b). Acute myeloid leukemias	605	7.3	0.30	7.4	0.30	896	7.9	0.26	8.0	0.27
II. Lymphomas & reticuloendothelial neoplasms	2,374	28.5	0.59	28.3	0.58	4,362	37.8	0.57	37.4	0.57
II(a). Hodgkin lymphomas	574	6.8	0.28	6.6	0.28	1,680	14.3	0.35	13.9	0.34
II(b, c, e). Non-Hodgkin lymphomas	1,214	14.6	0.42	14.5	0.42	1,998	17.4	0.39	17.3	0.39
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	3,598	43.5	0.72	43.7	0.73	4,444	39.6	0.59	39.9	0.60
III(a). Ependymomas and choroids plexus tumor	299	3.6	0.21	3.7	0.21	348	3.1	0.17	3.2	0.17
III(b). Astrocytomas	1,829	22.1	0.52	22.2	0.52	2,318	20.6	0.43	20.7	0.43
III(c). Intracranial and intraspinal embryonal tumors	783	9.5	0.34	9.6	0.34	867	7.8	0.26	7.9	0.27
III(d). Other gliomas	582	7.0	0.29	7.0	0.29	759	6.7	0.24	6.7	0.24
IV. Neuroblastoma and other peripheral nervous cell tumors	1,202	14.7	0.42	15.3	0.44	1,233	11.2	0.32	11.8	0.34
IV(a). Neuroblastoma & ganglioneuroblastoma	1,178	14.4	0.42	15.0	0.44	1,195	10.9	0.32	11.5	0.33
V. Retinoblastoma	344	4.2	0.23	4.4	0.24	344	3.1	0.17	3.3	0.18
VI. Renal Tumors	741	9.0	0.33	9.3	0.34	808	7.3	0.26	7.6	0.27
VI(a). Nephroblastoma and other nonepithelial renal tumors	712	8.7	0.32	9.0	0.34	724	6.6	0.24	6.9	0.26
VII. Hepatic tumors	290	3.5	0.21	3.7	0.22	323	2.9	0.16	3.0	0.17
VII(a). Hepatoblastoma	250	3.0	0.19	3.2	0.20	251	2.3	0.14	2.4	0.15
VIII. Malignant bone tumors	699	8.3	0.32	8.2	0.31	1,282	11.1	0.31	10.9	0.30
VIII(a). Osteosarcomas	324	3.8	0.21	3.7	0.21	626	5.4	0.22	5.3	0.21
VIII(c). Ewing tumor and related sarcomas of bone	312	3.7	0.21	3.7	0.21	529	4.6	0.20	4.5	0.20
IX. Soft tissue and other extraosseous sarcomas	1,017	12.3	0.38	12.3	0.39	1,523	13.4	0.34	13.4	0.34
IX(a). Rhabdomyosarcomas	490	5.9	0.27	6.0	0.27	598	5.3	0.22	5.4	0.22
X. Germ cell & trophoblastic tumors & neoplasms of gonads	354	4.3	0.23	4.3	0.23	1,651	13.9	0.34	13.7	0.34
X(a). Intracranial & intraspinal germ cell tumors	169	2.0	0.15	2.0	0.15	299	2.6	0.15	2.5	0.15
X(c). Malignant gonadal germ cell tumors	98	1.2	0.12	1.2	0.12	1,195	10.0	0.29	9.8	0.28
XI. Other malignant epithelial neoplasms and melanomas	651	7.8	0.30	7.6	0.30	1,886	16.1	0.37	15.7	0.36
XI(b). Thyroid carcinomas	158	1.9	0.15	1.8	0.15	514	4.4	0.19	4.3	0.19
XI(d). Malignant melanomas	241	2.9	0.19	2.9	0.19	609	5.2	0.21	5.1	0.21
XII. Other & unspecified malignant neoplasms	58	0.7	0.09	0.7	0.09	84	0.7	0.08	0.8	0.08

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Non-Hispanic White ethnicity category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.



**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, Non-Hispanic White, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	13,570	172.2	1.48	174.0	1.50	20,844	192.6	1.34	193.4	1.34
I. Leukemias	3,839	48.9	0.79	49.7	0.80	4,590	43.2	0.64	43.9	0.65
I(a). Lymphoid leukemias	2,931	37.3	0.69	38.0	0.70	3,204	30.3	0.54	31.0	0.55
I(b). Acute myeloid leukemias	561	7.1	0.30	7.2	0.31	838	7.8	0.27	7.8	0.27
II. Lymphomas & reticuloendothelial neoplasms	1,359	17.2	0.47	17.1	0.46	2,886	26.2	0.49	25.9	0.48
II(a). Hodgkin lymphomas	367	4.6	0.24	4.4	0.23	1,476	13.1	0.34	12.8	0.33
II(b, c, e). Non-Hodgkin lymphomas	551	7.0	0.30	6.9	0.29	927	8.5	0.28	8.4	0.28
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	2,932	37.2	0.69	37.4	0.69	3,640	34.0	0.56	34.3	0.57
III(a). Ependymomas and choroids plexus tumor	225	2.9	0.19	2.9	0.19	270	2.5	0.15	2.6	0.16
III(b). Astrocytomas	1,658	21.0	0.52	21.1	0.52	2,076	19.4	0.43	19.5	0.43
III(c). Intracranial and intraspinal embryonal tumors	463	5.9	0.27	6.0	0.28	517	4.9	0.22	5.0	0.22
III(d). Other gliomas	496	6.3	0.28	6.3	0.28	655	6.1	0.24	6.1	0.24
IV. Neuroblastoma and other peripheral nervous cell tumors	1,077	13.8	0.42	14.4	0.44	1,110	10.6	0.32	11.1	0.33
IV(a). Neuroblastoma & ganglioneuroblastoma	1,061	13.6	0.42	14.2	0.44	1,082	10.4	0.32	10.9	0.33
V. Retinoblastoma	327	4.2	0.23	4.4	0.24	328	3.2	0.17	3.4	0.19
VI. Renal Tumors	803	10.3	0.36	10.6	0.37	867	8.2	0.28	8.5	0.29
VI(a). Nephroblastoma and other nonepithelial renal tumors	772	9.9	0.36	10.2	0.37	783	7.5	0.27	7.8	0.28
VII. Hepatic tumors	191	2.4	0.18	2.5	0.18	234	2.2	0.14	2.3	0.15
VII(a). Hepatoblastoma	160	2.1	0.16	2.1	0.17	161	1.5	0.12	1.6	0.13
VIII. Malignant bone tumors	601	7.5	0.31	7.4	0.30	949	8.7	0.28	8.5	0.28
VIII(a). Osteosarcomas	284	3.6	0.21	3.5	0.21	449	4.1	0.19	4.0	0.19
VIII(c). Ewing tumor and related sarcomas of bone	254	3.2	0.20	3.1	0.20	376	3.5	0.18	3.4	0.18
IX. Soft tissue and other extraosseous sarcomas	815	10.3	0.36	10.4	0.36	1,192	11.0	0.32	11.0	0.32
IX(a). Rhabdomyosarcomas	375	4.8	0.25	4.8	0.25	463	4.3	0.20	4.4	0.20
X. Germ cell & trophoblastic tumors & neoplasms of gonads	493	6.2	0.28	6.3	0.28	855	7.8	0.27	7.8	0.27
X(a). Intracranial & intraspinal germ cell tumors	88	1.1	0.12	1.1	0.12	99	0.9	0.09	0.9	0.09
X(c). Malignant gonadal germ cell tumors	204	2.5	0.18	2.5	0.17	413	3.7	0.18	3.7	0.18
XI. Other malignant epithelial neoplasms and melanomas	1,070	13.4	0.41	13.1	0.40	4,082	36.4	0.57	35.5	0.56
XI(b). Thyroid carcinomas	489	6.1	0.28	5.9	0.27	2,231	19.8	0.42	19.3	0.41
XI(d). Malignant melanomas	236	3.0	0.19	3.0	0.19	804	7.2	0.25	7.1	0.25
XII. Other & unspecified malignant neoplasms	63	0.8	0.10	0.8	0.10	111	1.0	0.10	1.0	0.10

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Non-Hispanic White ethnicity category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers**  
**NAACCR United States Combined<sup>2</sup>, 2012-2016, Non-Hispanic Black, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	3,311	142.6	2.48	143.6	2.50	4,680	149.0	2.18	149.6	2.19
I. Leukemias	833	35.8	1.24	36.2	1.25	1,092	34.8	1.05	35.1	1.06
I(a). Lymphoid leukemias	532	22.9	0.99	23.1	1.00	637	20.4	0.81	20.6	0.82
I(b). Acute myeloid leukemias	163	7.0	0.55	7.1	0.56	239	7.6	0.49	7.6	0.49
II. Lymphomas & reticuloendothelial neoplasms	540	23.5	1.01	23.2	1.00	975	31.0	0.99	30.6	0.98
II(a). Hodgkin lymphomas	166	7.3	0.56	7.1	0.55	377	11.9	0.62	11.7	0.60
II(b, c, e). Non-Hodgkin lymphomas	308	13.4	0.76	13.2	0.75	528	16.8	0.73	16.6	0.72
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	690	29.7	1.13	29.9	1.14	843	27.0	0.93	27.2	0.94
III(a). Ependymomas and choroids plexus tumor	59	2.5	0.33	2.6	0.34	72	2.3	0.27	2.3	0.28
III(b). Astrocytomas	327	14.1	0.78	14.2	0.78	403	12.9	0.64	13.0	0.65
III(c). Intracranial and intraspinal embryonal tumors	141	6.1	0.51	6.1	0.52	154	4.9	0.40	5.0	0.40
III(d). Other gliomas	126	5.5	0.49	5.4	0.48	165	5.3	0.41	5.3	0.41
IV. Neuroblastoma and other peripheral nervous cell tumors	241	10.2	0.66	10.6	0.68	248	7.9	0.50	8.2	0.52
IV(a). Neuroblastoma & ganglioneuroblastoma	234	9.9	0.65	10.3	0.67	237	7.5	0.49	7.9	0.51
V. Retinoblastoma	105	4.4	0.43	4.7	0.46	105	3.3	0.32	3.5	0.34
VI. Renal Tumors	226	9.6	0.64	9.9	0.66	247	7.9	0.50	8.1	0.52
VI(a). Nephroblastoma and other nonepithelial renal tumors	210	8.9	0.62	9.2	0.64	210	6.7	0.46	7.0	0.48
VII. Hepatic tumors	71	3.0	0.36	3.1	0.37	77	2.4	0.28	2.5	0.29
VII(a). Hepatoblastoma	65	2.8	0.34	2.9	0.36	65	2.1	0.26	2.2	0.27
VIII. Malignant bone tumors	137	6.0	0.51	5.8	0.50	242	7.7	0.50	7.6	0.49
VIII(a). Osteosarcomas	113	4.9	0.47	4.8	0.45	192	6.1	0.44	6.0	0.43
VIII(c). Ewing tumor and related sarcomas of bone	12	0.5	0.15	0.5	0.15	20	0.6	0.14	0.6	0.14
IX. Soft tissue and other extraosseous sarcomas	295	12.7	0.74	12.8	0.74	442	14.1	0.67	14.1	0.67
IX(a). Rhabdomyosarcomas	146	6.3	0.52	6.3	0.53	187	6.0	0.44	6.0	0.44
X. Germ cell & trophoblastic tumors & neoplasms of gonads	51	2.2	0.31	2.2	0.31	109	3.4	0.33	3.4	0.33
X(a). Intracranial & intraspinal germ cell tumors	20	0.9	0.19	0.9	0.19	37	1.2	0.19	1.2	0.19
X(c). Malignant gonadal germ cell tumors	13	0.6	0.15	0.6	0.16	44	1.4	0.21	1.4	0.21
XI. Other malignant epithelial neoplasms and melanomas	105	4.6	0.45	4.5	0.44	272	8.6	0.52	8.4	0.51
XI(b). Thyroid carcinomas	26	1.1	0.22	1.1	0.22	60	1.9	0.25	1.9	0.24
XI(d). Malignant melanomas	10	0.4	0.14	0.4	0.14	15	0.5	0.12	0.5	0.12
XII. Other & unspecified malignant neoplasms	17	0.7	0.18	0.7	0.18	28	0.9	0.17	0.9	0.17

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Non-Hispanic Black ethnicity category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR United States Combined<sup>2</sup>, 2012-2016, Non-Hispanic Black, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	2,880	128.1	2.39	129.1	2.41	4,154	136.5	2.12	137.1	2.13
I. Leukemias	708	31.4	1.18	31.8	1.20	877	28.9	0.98	29.3	0.99
I(a). Lymphoid leukemias	443	19.6	0.93	19.9	0.95	485	16.0	0.73	16.4	0.74
I(b). Acute myeloid leukemias	165	7.3	0.57	7.4	0.58	232	7.6	0.50	7.7	0.51
II. Lymphomas & reticuloendothelial neoplasms	277	12.4	0.75	12.3	0.74	560	18.3	0.78	18.1	0.76
II(a). Hodgkin lymphomas	93	4.2	0.44	4.1	0.42	276	9.0	0.54	8.8	0.53
II(b, c, e). Non-Hodgkin lymphomas	144	6.5	0.54	6.4	0.53	243	8.0	0.51	7.9	0.51
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	615	27.4	1.10	27.5	1.11	760	25.1	0.91	25.3	0.92
III(a). Ependymomas and choroids plexus tumor	44	1.9	0.29	2.0	0.30	56	1.8	0.25	1.9	0.25
III(b). Astrocytomas	296	13.2	0.77	13.2	0.77	363	12.0	0.63	12.1	0.63
III(c). Intracranial and intraspinal embryonal tumors	107	4.7	0.46	4.8	0.47	126	4.2	0.37	4.2	0.38
III(d). Other gliomas	129	5.8	0.51	5.8	0.51	164	5.4	0.42	5.4	0.42
IV. Neuroblastoma and other peripheral nervous cell tumors	212	9.3	0.64	9.6	0.66	217	7.1	0.49	7.4	0.50
IV(a). Neuroblastoma & ganglioneuroblastoma	206	9.1	0.63	9.4	0.65	209	6.9	0.48	7.2	0.50
V. Retinoblastoma	103	4.5	0.44	4.7	0.47	103	3.4	0.33	3.6	0.35
VI. Renal Tumors	273	12.0	0.73	12.3	0.75	298	9.8	0.57	10.1	0.58
VI(a). Nephroblastoma and other nonepithelial renal tumors	256	11.3	0.71	11.6	0.72	258	8.5	0.53	8.8	0.55
VII. Hepatic tumors	37	1.6	0.27	1.7	0.28	47	1.5	0.22	1.6	0.23
VII(a). Hepatoblastoma	29	1.3	0.24	1.3	0.25	29	1.0	0.18	1.0	0.19
VIII. Malignant bone tumors	138	6.2	0.53	6.1	0.52	208	6.9	0.48	6.8	0.47
VIII(a). Osteosarcomas	109	4.9	0.47	4.8	0.46	157	5.2	0.42	5.1	0.41
VIII(c). Ewing tumor and related sarcomas of bone	16	0.7	0.18	0.7	0.18	27	0.9	0.17	0.9	0.17
IX. Soft tissue and other extraosseous sarcomas	228	10.2	0.67	10.2	0.67	354	11.6	0.62	11.6	0.62
IX(a). Rhabdomyosarcomas	102	4.5	0.45	4.6	0.45	125	4.1	0.37	4.2	0.37
X. Germ cell & trophoblastic tumors & neoplasms of gonads	143	6.4	0.53	6.4	0.54	285	9.3	0.55	9.2	0.55
X(a). Intracranial & intraspinal germ cell tumors	17	0.8	0.19	0.8	0.18	23	0.8	0.16	0.8	0.16
X(c). Malignant gonadal germ cell tumors	70	3.2	0.38	3.1	0.37	153	5.0	0.41	4.9	0.40
XI. Other malignant epithelial neoplasms and melanomas	126	5.7	0.51	5.6	0.50	405	13.2	0.65	12.9	0.64
XI(b). Thyroid carcinomas	42	1.9	0.29	1.8	0.28	176	5.7	0.43	5.6	0.42
XI(d). Malignant melanomas	20	0.9	0.20	0.9	0.20	26	0.9	0.17	0.9	0.17
XII. Other & unspecified malignant neoplasms	20	0.9	0.20	0.9	0.20	40	1.3	0.21	1.3	0.21

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is not included in the Non-Hispanic Black ethnicity category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.



# NAACCR Canadian Combined Pediatric Cancer Incidence 2012-2016



**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR Canadian Combined<sup>2</sup>, 2012-2016, All Races, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	966	166.7	5.37	168.4	5.42	1,406	176.9	4.72	177.9	4.75
I. Leukemias	314	53.8	3.04	54.7	3.08	381	48.2	2.47	49.0	2.51
I(a). Lymphoid leukemias	251	42.9	2.71	43.7	2.76	283	35.9	2.14	36.7	2.18
I(b). Acute myeloid leukemias	43	7.4	1.13	7.5	1.14	64	8.0	1.00	8.1	1.01
II. Lymphomas & reticuloendothelial neoplasms	141	24.8	2.09	24.6	2.07	254	32.0	2.01	31.6	1.99
II(a). Hodgkin lymphomas	28	5.0	0.95	4.9	0.92	92	11.3	1.18	11.1	1.16
II(b, c, e). Non-Hodgkin lymphomas	85	15.0	1.63	14.8	1.61	129	16.4	1.45	16.3	1.43
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	186	32.2	2.36	32.4	2.37	227	29.0	1.92	29.2	1.94
III(a). Ependymomas and choroids plexus tumor	21	3.5	0.77	3.7	0.80	26	3.2	0.64	3.3	0.66
III(b). Astrocytomas	74	12.9	1.50	12.9	1.50	93	11.9	1.24	11.9	1.24
III(c). Intracranial and intraspinal embryonal tumors	57	9.8	1.30	9.9	1.31	63	8.1	1.02	8.2	1.03
III(d). Other gliomas	29	5.1	0.94	5.0	0.94	39	5.0	0.80	5.0	0.80
IV. Neuroblastoma and other peripheral nervous cell tumors	85	14.2	1.54	14.9	1.61	85	10.7	1.16	11.2	1.22
IV(a). Neuroblastoma & ganglioneuroblastoma	83	13.9	1.52	14.5	1.59	83	10.4	1.14	11.0	1.20
V. Retinoblastoma	16	2.7	0.66	2.8	0.70	16	2.0	0.50	2.1	0.53
VI. Renal Tumors	54	9.2	1.25	9.4	1.28	55	7.0	0.94	7.2	0.97
VI(a). Nephroblastoma and other nonepithelial renal tumors	53	9.0	1.23	9.2	1.27	54	6.8	0.93	7.1	0.96
VII. Hepatic tumors	14	2.3	0.63	2.4	0.65	16	2.0	0.50	2.1	0.52
VII(a). Hepatoblastoma	12	2.0	0.58	2.1	0.60	12	1.5	0.43	1.6	0.46
VIII. Malignant bone tumors	33	5.9	1.03	5.8	1.00	65	8.2	1.02	8.0	1.00
VIII(a). Osteosarcomas	18	3.2	0.76	3.1	0.74	35	4.4	0.75	4.3	0.73
VIII(c). Ewing tumor and related sarcomas of bone	15	2.7	0.69	2.6	0.68	27	3.4	0.66	3.4	0.65
IX. Soft tissue and other extraosseous sarcomas	58	10.1	1.33	10.1	1.33	105	13.1	1.29	13.1	1.28
IX(a). Rhabdomyosarcomas	30	5.2	0.95	5.2	0.95	45	5.7	0.85	5.7	0.85
X. Germ cell & trophoblastic tumors & neoplasms of gonads	32	5.5	0.98	5.6	0.99	115	14.0	1.31	13.8	1.29
X(a). Intracranial & intraspinal germ cell tumors	15	2.7	0.69	2.6	0.68	27	3.4	0.66	3.4	0.65
X(c). Malignant gonadal germ cell tumors	8	1.4	0.49	1.4	0.50	78	9.3	1.06	9.1	1.03
XI. Other malignant epithelial neoplasms and melanomas	28	5.1	0.96	4.9	0.93	81	10.1	1.12	9.8	1.09
XI(b). Thyroid carcinomas	6	1.1	0.44	1.0	0.43	22	2.7	0.58	2.6	0.56
XI(d). Malignant melanomas	-	-	-	-	-	9	1.1	0.38	1.1	0.37
XII. Other & unspecified malignant neoplasms	-	-	-	-	-	6	0.8	0.31	0.8	0.32

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR Canadian Combined<sup>2</sup>, 2012-2016, All Races, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	869	158.3	5.37	160.0	5.43	1,249	166.7	4.72	167.8	4.75
I. Leukemias	273	49.5	3.00	50.2	3.04	321	43.1	2.41	43.8	2.45
I(a). Lymphoid leukemias	202	36.5	2.57	37.1	2.61	221	29.8	2.00	30.4	2.04
I(b). Acute myeloid leukemias	51	9.3	1.30	9.4	1.31	72	9.6	1.13	9.7	1.14
II. Lymphomas & reticuloendothelial neoplasms	89	16.4	1.74	16.4	1.74	186	24.6	1.80	24.4	1.79
II(a). Hodgkin lymphomas	18	3.4	0.81	3.3	0.79	91	11.8	1.24	11.5	1.21
II(b, c, e). Non-Hodgkin lymphomas	40	7.3	1.16	7.4	1.16	61	8.2	1.05	8.2	1.05
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	169	30.8	2.37	31.1	2.39	199	26.9	1.91	27.2	1.93
III(a). Ependymomas and choroids plexus tumor	17	3.0	0.74	3.1	0.76	20	2.6	0.59	2.7	0.61
III(b). Astrocytomas	90	16.5	1.74	16.6	1.75	107	14.5	1.40	14.6	1.41
III(c). Intracranial and intraspinal embryonal tumors	30	5.5	1.00	5.5	1.01	34	4.6	0.79	4.7	0.80
III(d). Other gliomas	30	5.5	1.01	5.5	1.01	35	4.8	0.81	4.8	0.81
IV. Neuroblastoma and other peripheral nervous cell tumors	71	12.5	1.48	13.1	1.55	73	9.6	1.12	10.1	1.19
IV(a). Neuroblastoma & ganglioneuroblastoma	70	12.3	1.47	12.9	1.54	72	9.5	1.11	10.0	1.18
V. Retinoblastoma	15	2.6	0.68	2.8	0.71	15	2.0	0.51	2.1	0.54
VI. Renal Tumors	50	8.9	1.26	9.2	1.30	53	7.0	0.97	7.3	1.00
VI(a). Nephroblastoma and other nonepithelial renal tumors	48	8.5	1.23	8.8	1.27	49	6.5	0.93	6.8	0.97
VII. Hepatic tumors	14	2.5	0.66	2.6	0.69	15	2.0	0.51	2.1	0.53
VII(a). Hepatoblastoma	12	2.1	0.61	2.2	0.64	12	1.6	0.46	1.7	0.48
VIII. Malignant bone tumors	49	9.3	1.33	9.1	1.29	76	10.4	1.19	10.2	1.17
VIII(a). Osteosarcomas	30	5.7	1.04	5.6	1.01	47	6.4	0.94	6.3	0.92
VIII(c). Ewing tumor and related sarcomas of bone	17	3.2	0.77	3.1	0.76	25	3.4	0.68	3.4	0.67
IX. Soft tissue and other extrasosseous sarcomas	48	8.7	1.26	8.8	1.28	69	9.2	1.11	9.3	1.12
IX(a). Rhabdomyosarcomas	23	4.2	0.87	4.2	0.88	27	3.6	0.70	3.7	0.71
X. Germ cell & trophoblastic tumors & neoplasms of gonads	29	5.3	0.99	5.4	1.00	46	6.2	0.91	6.1	0.91
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	-	-	-	-	-	-	-
X(c). Malignant gonadal germ cell tumors	19	3.6	0.82	3.5	0.81	32	4.3	0.77	4.3	0.75
XI. Other malignant epithelial neoplasms and melanomas	59	11.2	1.46	10.9	1.42	191	25.2	1.82	24.6	1.78
XI(b). Thyroid carcinomas	20	3.8	0.85	3.7	0.83	83	10.9	1.19	10.6	1.16
XI(d). Malignant melanomas	11	2.1	0.63	2.0	0.61	27	3.6	0.69	3.5	0.68
XII. Other & unspecified malignant neoplasms	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.





# NAACCR North American Combined Pediatric Cancer Incidence 2012-2016



**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR North American Combined<sup>2</sup>, 2012-2016, All Races, Males**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
All Sites	29,308	181.0	1.06	182.7	1.07	42,764	195.5	0.95	196.4	0.95
I. Leukemias	9,058	55.9	0.59	56.6	0.60	11,392	52.2	0.49	52.9	0.50
I(a). Lymphoid leukemias	6,888	42.5	0.51	43.0	0.52	8,172	37.5	0.41	38.1	0.42
I(b). Acute myeloid leukemias	1,266	7.8	0.22	7.9	0.22	1,824	8.3	0.20	8.4	0.20
II. Lymphomas & reticuloendothelial neoplasms	4,443	27.5	0.41	27.4	0.41	7,749	35.4	0.40	35.0	0.40
II(a). Hodgkin lymphomas	1,099	6.8	0.21	6.7	0.20	2,841	12.9	0.24	12.6	0.24
II(b, c, e). Non-Hodgkin lymphomas	2,239	13.9	0.29	13.7	0.29	3,664	16.8	0.28	16.6	0.27
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	6,011	37.2	0.48	37.4	0.48	7,345	33.8	0.39	34.0	0.40
III(a). Ependymomas and choroids plexus tumor	535	3.3	0.14	3.4	0.15	625	2.9	0.11	2.9	0.12
III(b). Astrocytomas	2,955	18.3	0.34	18.3	0.34	3,710	17.0	0.28	17.1	0.28
III(c). Intracranial and intraspinal embryonal tumors	1,364	8.4	0.23	8.5	0.23	1,504	6.9	0.18	7.0	0.18
III(d). Other gliomas	946	5.9	0.19	5.8	0.19	1,216	5.6	0.16	5.6	0.16
IV. Neuroblastoma and other peripheral nervous cell tumors	1,997	12.3	0.27	12.8	0.29	2,049	9.4	0.21	9.9	0.22
IV(a). Neuroblastoma & ganglioneuroblastoma	1,956	12.0	0.27	12.5	0.28	1,983	9.1	0.20	9.6	0.22
V. Retinoblastoma	711	4.4	0.16	4.6	0.17	711	3.3	0.12	3.5	0.13
VI. Renal Tumors	1,353	8.3	0.23	8.6	0.23	1,470	6.7	0.18	7.0	0.18
VI(a). Nephroblastoma and other nonepithelial renal tumors	1,280	7.9	0.22	8.1	0.23	1,300	6.0	0.17	6.2	0.17
VII. Hepatic tumors	587	3.6	0.15	3.7	0.15	647	3.0	0.12	3.1	0.12
VII(a). Hepatoblastoma	513	3.1	0.14	3.3	0.15	514	2.4	0.10	2.5	0.11
VIII. Malignant bone tumors	1,269	7.9	0.22	7.7	0.22	2,255	10.3	0.22	10.1	0.21
VIII(a). Osteosarcomas	693	4.3	0.16	4.2	0.16	1,259	5.8	0.16	5.6	0.16
VIII(c). Ewing tumor and related sarcomas of bone	460	2.9	0.13	2.8	0.13	762	3.5	0.13	3.4	0.12
IX. Soft tissue and other extraosseous sarcomas	1,931	11.9	0.27	12.0	0.27	2,874	13.1	0.25	13.2	0.25
IX(a). Rhabdomyosarcomas	930	5.7	0.19	5.8	0.19	1,145	5.3	0.16	5.3	0.16
X. Germ cell & trophoblastic tumors & neoplasms of gonads	737	4.6	0.17	4.6	0.17	3,111	14.0	0.25	13.8	0.25
X(a). Intracranial & intraspinal germ cell tumors	328	2.0	0.11	2.0	0.11	562	2.6	0.11	2.5	0.11
X(c). Malignant gonadal germ cell tumors	225	1.4	0.09	1.4	0.10	2,210	9.9	0.21	9.7	0.21
XI. Other malignant epithelial neoplasms and melanomas	1,094	6.8	0.21	6.7	0.20	2,995	13.6	0.25	13.3	0.24
XI(b). Thyroid carcinomas	289	1.8	0.11	1.8	0.10	860	3.9	0.13	3.8	0.13
XI(d). Malignant melanomas	318	2.0	0.11	2.0	0.11	731	3.3	0.12	3.3	0.12
XII. Other & unspecified malignant neoplasms	117	0.7	0.07	0.7	0.07	166	0.8	0.06	0.8	0.06

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

<sup>2</sup> See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

- Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates<sup>1</sup> for Pediatric Cancers  
NAACCR North American Combined<sup>2</sup>, 2012-2016, All Races, Females**

Cancer Types	Ages 0-14					Ages 0-19				
	2000 U.S.			World		2000 U.S.			World	
	Count	Rate	S.E. <sup>3</sup>	Rate	S.E.	Count	Rate	S.E.	Rate	S.E.
<b>All Sites</b>	25,435	164.1	1.03	165.7	1.04	37,645	180.0	0.93	180.7	0.93
I. Leukemias	7,654	49.3	0.56	50.0	0.57	9,157	43.9	0.46	44.6	0.47
I(a). Lymphoid leukemias	5,713	36.8	0.49	37.4	0.49	6,321	30.4	0.38	31.0	0.39
I(b). Acute myeloid leukemias	1,191	7.7	0.22	7.8	0.23	1,714	8.2	0.20	8.3	0.20
II. Lymphomas & reticuloendothelial neoplasms	2,596	16.8	0.33	16.7	0.33	5,087	24.2	0.34	24.0	0.34
II(a). Hodgkin lymphomas	682	4.4	0.17	4.3	0.16	2,393	11.3	0.23	11.0	0.23
II(b, c, e). Non-Hodgkin lymphomas	1,083	7.0	0.21	6.9	0.21	1,801	8.6	0.20	8.5	0.20
III. CNS <sup>3</sup> & misc. intracranial & intraspinal neoplasms	5,150	33.3	0.46	33.4	0.47	6,268	30.1	0.38	30.4	0.38
III(a). Ependymomas and choroids plexus tumor	423	2.7	0.13	2.8	0.13	507	2.4	0.11	2.5	0.11
III(b). Astrocytomas	2,743	17.7	0.34	17.8	0.34	3,363	16.2	0.28	16.2	0.28
III(c). Intracranial and intraspinal embryonal tumors	888	5.7	0.19	5.8	0.20	989	4.8	0.15	4.9	0.15
III(d). Other gliomas	906	5.9	0.19	5.8	0.19	1,159	5.6	0.16	5.6	0.16
IV. Neuroblastoma and other peripheral nervous cell tumors	1,782	11.4	0.27	11.9	0.28	1,834	8.8	0.21	9.2	0.22
IV(a). Neuroblastoma & ganglioneuroblastoma	1,755	11.3	0.27	11.7	0.28	1,787	8.6	0.20	9.0	0.21
V. Retinoblastoma	686	4.4	0.17	4.6	0.18	688	3.3	0.13	3.5	0.13
VI. Renal Tumors	1,522	9.8	0.25	10.1	0.26	1,644	7.9	0.19	8.2	0.20
VI(a). Nephroblastoma and other nonepithelial renal tumors	1,450	9.3	0.24	9.6	0.25	1,468	7.1	0.18	7.3	0.19
VII. Hepatic tumors	392	2.5	0.13	2.6	0.13	460	2.2	0.10	2.3	0.11
VII(a). Hepatoblastoma	337	2.2	0.12	2.3	0.12	338	1.6	0.09	1.7	0.09
VIII. Malignant bone tumors	1,126	7.3	0.22	7.2	0.21	1,707	8.2	0.20	8.0	0.19
VIII(a). Osteosarcomas	626	4.1	0.16	4.0	0.16	928	4.5	0.15	4.4	0.14
VIII(c). Ewing tumor and related sarcomas of bone	382	2.5	0.13	2.4	0.12	561	2.7	0.11	2.7	0.11
IX. Soft tissue and other extrasosseous sarcomas	1,571	10.2	0.26	10.2	0.26	2,311	11.1	0.23	11.0	0.23
IX(a). Rhabdomyosarcomas	710	4.6	0.17	4.6	0.17	864	4.1	0.14	4.2	0.14
X. Germ cell & trophoblastic tumors & neoplasms of gonads	1,035	6.7	0.21	6.7	0.21	1,825	8.7	0.20	8.7	0.20
X(a). Intracranial & intraspinal germ cell tumors	172	1.1	0.09	1.1	0.08	204	1.0	0.07	1.0	0.07
X(c). Malignant gonadal germ cell tumors	501	3.3	0.15	3.2	0.14	967	4.6	0.15	4.5	0.15
XI. Other malignant epithelial neoplasms and melanomas	1,797	11.7	0.28	11.4	0.27	6,443	30.5	0.38	29.8	0.37
XI(b). Thyroid carcinomas	831	5.4	0.19	5.2	0.18	3,607	17.0	0.28	16.6	0.28
XI(d). Malignant melanomas	339	2.2	0.12	2.2	0.12	1,009	4.8	0.15	4.7	0.15
XII. Other & unspecified malignant neoplasms	124	0.8	0.07	0.8	0.07	221	1.1	0.07	1.1	0.07

<sup>1</sup> Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Puerto Rico is defined as "Other" race and therefore is only included in the All Races category, see technical notes.

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<sup>3</sup> Abbreviations: S.E. - Standard Error; CNS - Central Nervous System.

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