

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Breast

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female**	White	70.9	3,920	66.2	3,734	66.7	3,844	65.5	3,851	65.6	3,922	66.9	19,271
	Black	69.4	812	64.9	774	66.9	827	62.9	794	70.9	910	67.0	4,117
	Other***	59.1	138	56.1	150	55.4	161	53.0	164	68.1	206	58.7	819
	Total	70.5	4,870	65.9	4,658	66.8	4,832	64.9	4,809	66.7	5,038	66.9	24,207
Male	White	2.0	44	2.0	50	1.6	44	1.8	46	1.9	50	1.9	234
	Black	-	13	-	13	-	-	-	14	-	-	2.3	56
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	2.2	59	2.1	65	1.5	51	2.0	62	1.9	63	1.9	300
Female	White	130.4	3,876	121.6	3,684	123.1	3,800	120.8	3,805	121.1	3,872	123.3	19,037
	Black	121.3	799	113.0	761	118.0	820	109.3	780	124.1	901	117.2	4,061
	Other***	103.4	136	99.5	148	99.6	161	94.5	162	119.2	202	104.0	809
	Total	128.2	4,811	119.8	4,593	122.1	4,781	118.3	4,747	121.6	4,975	121.9	23,907

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\* Rates for sex specific sites are calculated using males and females. Consult sex-specific rows for sex-specific rates.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004

### Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

#### Prostate

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female**	White	66.5	3,634	68.5	3,797	64.6	3,681	60.7	3,526	55.9	3,330	63.1	17,968
	Black	98.6	1,057	104.9	1,142	102.2	1,151	95.9	1,105	88.3	1,059	97.9	5,514
	Other***	79.7	127	92.5	172	74.1	147	149.9	301	93.5	214	99.6	961
	Total	71.7	4,818	74.8	5,111	70.6	4,979	68.5	4,932	62.1	4,603	69.4	24,443
Male	White	149.6	3,634	153.8	3,797	144.1	3,681	136.5	3,526	124.7	3,330	141.5	17,968
	Black	237.3	1,057	253.5	1,142	244.2	1,151	231.8	1,105	212.2	1,059	235.7	5,514
	Other***	196.9	127	219.8	172	175.8	147	361.3	301	221.3	214	239.0	961
	Total	163.4	4,818	170.1	5,111	159.6	4,979	156.3	4,932	140.4	4,603	157.7	24,443
Female	White	-	-	-	-	-	-	-	-	-	-	-	-
	Black	-	-	-	-	-	-	-	-	-	-	-	-
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\* Rates for sex specific sites are calculated using males and females. Consult sex-specific rows for sex-specific rates.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Lung and Bronchus

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	63.0	3,401	59.9	3,293	63.4	3,553	70.7	4,034	68.2	3,974	65.1	18,255
	Black	66.9	715	64.7	705	67.7	761	74.7	847	72.4	842	69.4	3,870
	Other***	38.5	68	45.8	78	36.7	72	38.0	84	39.0	96	39.4	398
	Total	62.9	4,184	60.1	4,076	63.4	4,386	70.4	4,965	68.0	4,912	65.1	22,523
Male	White	80.7	1,898	74.4	1,802	81.1	1,983	91.3	2,264	87.6	2,249	83.2	10,196
	Black	102.8	451	97.4	441	96.7	445	109.4	510	106.0	506	102.7	2,353
	Other***	45.4	35	62.8	44	56.1	43	38.9	40	49.8	52	50.2	214
	Total	83.2	2,384	77.4	2,287	82.7	2,471	92.6	2,814	89.2	2,807	85.2	12,763
Female	White	50.2	1,503	49.2	1,491	50.7	1,570	55.7	1,770	53.5	1,725	51.9	8,059
	Black	42.6	264	41.9	264	48.5	316	51.3	337	49.8	336	46.9	1,517
	Other***	33.4	33	34.5	34	23.8	29	36.8	44	30.9	44	31.8	184
	Total	48.4	1,800	47.4	1,789	49.6	1,915	54.4	2,151	52.1	2,105	50.4	9,760

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Colon and Rectum

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	50.2	2,694	47.8	2,617	45.7	2,555	48.1	2,755	46.9	2,740	47.7	13,361
	Black	58.3	624	58.6	642	59.4	665	60.5	699	59.7	701	59.3	3,331
	Other***	47.2	83	36.5	82	36.7	80	38.7	92	44.2	113	40.6	450
	Total	51.5	3,401	49.4	3,341	47.7	3,300	50.0	3,546	48.9	3,554	49.4	17,142
Male	White	59.5	1,381	55.7	1,321	53.6	1,310	56.3	1,404	53.2	1,383	55.5	6,799
	Black	66.1	287	70.1	319	72.5	329	70.0	339	72.5	351	70.3	1,625
	Other***	60.8	40	38.7	41	44.0	38	45.4	44	52.3	59	48.0	222
	Total	60.4	1,708	57.7	1,681	56.1	1,677	58.2	1,787	56.0	1,793	57.6	8,646
Female	White	43.0	1,313	42.0	1,296	39.5	1,245	41.9	1,351	41.5	1,357	41.6	6,562
	Black	53.6	337	50.8	323	51.0	336	53.7	360	51.0	350	52.0	1,706
	Other***	38.6	43	34.2	41	32.3	42	34.7	48	37.8	54	35.6	228
	Total	45.0	1,693	43.4	1,660	41.3	1,623	43.9	1,759	43.0	1,761	43.3	8,496

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004

### Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

#### Urinary Bladder

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	20.3	1,085	18.4	1,001	20.0	1,111	20.7	1,176	21.2	1,228	20.1	5,601
	Black	11.5	118	9.3	100	10.8	117	12.3	136	12.3	140	11.2	611
	Other***	-	14	13.3	20	12.3	25	11.7	27	14.7	35	12.5	121
	Total	18.6	1,217	16.8	1,121	18.4	1,253	19.1	1,339	19.6	1,403	18.5	6,333
Male	White	36.3	813	32.0	734	36.0	841	36.7	882	36.1	897	35.4	4,167
	Black	20.3	83	15.7	68	16.9	72	20.3	92	20.6	92	18.8	407
	Other***	-	12	-	11	21.6	17	19.5	20	30.5	32	22.1	92
	Total	33.5	908	29.2	813	32.8	930	33.9	994	33.7	1,021	32.6	4,666
Female	White	8.9	272	8.6	267	8.5	270	9.2	294	10.0	331	9.0	1,434
	Black	5.7	35	5.0	32	6.9	45	6.7	44	7.0	48	6.3	204
	Other***	-	-	-	-	-	-	-	-	-	-	5.6	29
	Total	8.2	309	8.0	308	8.2	323	8.6	345	9.3	382	8.5	1,667

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Non-Hodgkin Lymphoma

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	17.0	918	16.0	879	16.8	945	17.0	975	17.0	994	16.8	4,711
	Black	12.9	151	11.2	132	10.8	132	11.7	142	10.9	142	11.5	699
	Other***	15.3	35	9.3	16	11.1	32	14.1	35	18.8	44	14.0	162
	Total	16.3	1,104	15.0	1,027	15.8	1,109	16.1	1,152	16.1	1,180	15.9	5,572
Male	White	19.6	470	20.6	492	21.2	532	20.7	532	20.7	541	20.6	2,567
	Black	17.4	87	11.1	58	13.5	71	13.0	69	12.9	73	13.5	358
	Other***	18.8	19	-	-	16.4	20	18.8	20	25.2	22	18.7	89
	Total	19.4	576	18.8	558	20.0	623	19.5	621	19.6	636	19.5	3,014
Female	White	15.0	448	12.7	387	13.3	413	14.0	443	14.0	453	13.8	2,144
	Black	9.6	64	11.1	74	9.0	61	10.6	73	9.6	69	9.9	341
	Other***	13.3	16	-	-	-	12	-	15	15.3	22	11.0	73
	Total	14.1	528	12.2	469	12.5	486	13.4	531	13.4	544	13.1	2,558

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Melanoma of the Skin

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	17.0	933	16.8	939	20.4	1,161	19.7	1,140	20.8	1,224	18.9	5,397
	Black	~	13	~	14	~	~	~	~	1.5	18	1.2	65
	Other***	31.8	73	30.9	76	24.2	64	14.1	39	13.4	43	22.0	295
	Total	14.7	1,019	14.5	1,029	17.1	1,235	16.2	1,189	17.1	1,285	16.0	5,757
Male	White	21.6	535	22.3	555	25.6	673	24.7	657	25.4	679	24.0	3,099
	Black	~	~	~	~	~	~	~	~	~	~	1.4	32
	Other***	50.0	39	44.7	42	40.3	45	23.3	25	15.4	23	32.8	174
	Total	19.0	580	19.7	606	22.2	722	20.9	687	21.3	710	20.6	3,305
Female	White	13.7	398	13.0	384	16.3	488	15.9	483	17.8	545	15.4	2,298
	Black	~	~	~	~	~	~	~	~	~	~	1.0	33
	Other***	20.9	34	21.5	34	12.3	19	~	14	11.7	20	14.4	121
	Total	11.7	439	11.1	423	13.3	513	12.7	502	14.4	575	12.7	2,452

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* ~ = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

Corpus and Uterus, NOS

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female**	White	11.9	659	11.8	665	10.9	636	11.3	675	12.2	744	11.6	3,379
	Black	11.5	123	9.3	103	9.6	109	11.2	133	9.7	116	10.3	584
	Other***	7.3	18	12.1	29	7.4	20	14.4	38	12.8	34	11.1	139
	Total	11.7	800	11.4	797	10.6	765	11.4	846	11.7	894	11.4	4,102
Male	White	-	-	-	-	-	-	-	-	-	-	-	-
	Black	-	-	-	-	-	-	-	-	-	-	-	-
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-
Female	White	22.1	659	21.8	665	20.4	636	21.2	675	22.9	744	21.7	3,379
	Black	19.7	123	16.1	103	16.6	109	19.5	133	16.7	116	17.8	584
	Other***	13.3	18	21.3	29	13.3	20	25.4	38	22.6	34	19.6	139
	Total	21.3	800	20.8	797	19.5	765	21.0	846	21.7	894	20.9	4,102

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\* Rates for sex specific sites are calculated using males and females. Consult sex-specific rows for sex-specific rates.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Oral Cavity and Pharynx

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	9.5	525	9.8	549	9.7	555	10.0	583	9.4	568	9.7	2,780
	Black	9.7	115	10.3	121	9.4	115	11.7	147	9.4	121	10.1	619
	Other***	9.6	17	7.2	16	10.3	29	7.8	18	10.6	33	9.1	113
	Total	9.6	657	9.8	686	9.7	699	10.2	748	9.5	722	9.8	3,512
Male	White	13.8	349	14.6	378	15.1	395	14.4	390	13.7	386	14.3	1,898
	Black	15.0	79	17.4	88	16.0	85	19.2	105	16.8	93	16.9	450
	Other***	-	11	-	-	14.6	20	-	14	10.7	16	12.2	69
	Total	14.0	439	14.8	474	15.4	500	15.1	509	14.1	495	14.7	2,417
Female	White	5.9	176	5.6	171	5.2	160	6.1	193	5.7	182	5.7	882
	Black	5.5	36	5.0	33	4.3	30	5.8	42	3.9	28	4.9	169
	Other***	-	-	-	-	-	-	-	-	10.3	17	6.6	44
	Total	5.8	218	5.5	212	5.1	199	6.0	239	5.6	227	5.6	1,095

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Kidney and Renal Pelvis

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	10.8	590	10.6	593	11.4	646	12.4	724	13.1	770	11.7	3,323
	Black	11.5	131	11.6	137	11.7	140	12.6	154	13.7	169	12.2	731
	Other***	-	15	7.8	18	9.0	22	7.0	21	10.1	31	8.2	107
	Total	10.8	736	10.7	748	11.4	808	12.3	899	13.1	970	11.7	4,161
Male	White	15.6	387	14.9	371	15.7	407	17.4	461	17.7	470	16.3	2,096
	Black	17.0	83	14.9	76	16.5	83	18.1	94	19.9	106	17.3	442
	Other***	-	13	-	12	-	14	-	13	-	15	12.2	67
	Total	15.8	483	14.8	459	15.7	504	17.3	568	17.9	591	16.4	2,605
Female	White	6.8	203	7.3	222	7.8	239	8.3	263	9.3	300	8.0	1,227
	Black	7.5	48	9.1	61	8.4	57	8.7	60	8.9	63	8.5	289
	Other***	-	-	-	-	-	-	-	-	9.1	16	5.3	40
	Total	6.8	253	7.6	289	7.9	304	8.3	331	9.3	379	8.0	1,556

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Pancreas

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	7.9	424	6.6	361	7.9	444	10.4	591	10.2	594	8.6	2,414
	Black	10.9	114	9.1	99	10.9	123	14.3	159	13.7	157	11.8	652
	Other***	-	-	11.5	18	6.7	16	11.8	23	11.8	25	9.2	87
	Total	8.2	543	7.1	478	8.4	583	11.1	773	10.8	776	9.1	3,153
Male	White	9.9	237	7.1	172	9.8	241	12.0	295	11.4	296	10.1	1,241
	Black	11.7	49	11.0	49	12.6	62	16.5	75	16.1	75	13.7	310
	Other***	-	-	-	-	-	-	19.4	16	-	11	10.9	45
	Total	9.9	288	7.9	230	10.2	310	12.9	386	12.0	382	10.6	1,596
Female	White	6.1	187	6.2	189	6.4	203	9.0	296	9.1	298	7.4	1,173
	Black	10.6	65	7.8	50	9.5	61	12.7	84	12.1	82	10.6	342
	Other***	-	-	-	-	-	-	-	-	-	14	7.9	42
	Total	6.8	255	6.5	248	7.0	273	9.6	387	9.6	394	8.0	1,557

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Leukemia

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	9.1	487	7.8	422	8.9	491	9.8	543	9.1	518	9.0	2,461
	Black	8.1	95	7.1	83	7.3	89	7.7	93	9.5	120	8.0	480
	Other***	7.6	16	8.2	19	9.9	18	21.5	53	15.0	42	12.9	148
	Total	8.9	598	7.7	524	8.6	598	9.8	689	9.4	680	8.9	3,089
Male	White	12.3	292	10.0	237	11.6	281	11.6	286	12.3	311	11.6	1,407
	Black	10.3	52	9.4	48	8.6	45	11.8	57	11.7	61	10.4	263
	Other***	-	11	-	-	-	-	23.1	26	19.2	26	14.6	79
	Total	11.9	355	9.9	294	11.0	333	12.0	369	12.5	398	11.5	1,749
Female	White	6.8	195	6.4	185	7.0	210	8.3	257	6.6	207	7.0	1,054
	Black	6.5	43	5.3	35	6.5	44	5.2	36	8.1	59	6.3	217
	Other***	-	-	-	-	-	11	20.0	27	11.4	16	11.4	69
	Total	6.6	243	6.2	230	6.9	265	8.2	320	7.1	282	7.0	1,340

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Ovary

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female**	White	8.1	444	5.9	333	7.4	423	7.1	414	7.5	449	7.2	2,063
	Black	5.5	63	6.3	70	5.5	67	6.0	68	5.7	69	5.8	337
	Other***	6.6	16	7.2	16	-	11	7.4	23	-	15	6.0	81
	Total	7.6	523	6.0	419	7.0	501	7.0	505	7.2	533	6.9	2,481
Male	White	-	-	-	-	-	-	-	-	-	-	-	-
	Black	-	-	-	-	-	-	-	-	-	-	-	-
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-
Female	White	14.9	444	11.0	333	13.7	423	13.2	414	13.9	449	13.3	2,063
	Black	9.7	63	10.8	70	9.8	67	10.1	68	9.9	69	10.0	337
	Other***	11.4	16	12.7	16	-	11	13.6	23	-	15	10.8	81
	Total	13.9	523	11.0	419	12.9	501	12.7	505	13.0	533	12.7	2,481

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\* Rates for sex specific sites are calculated using males and females. Consult sex-specific rows for sex-specific rates.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Stomach

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	5.0	269	4.4	241	4.6	252	5.2	296	4.5	264	4.7	1,322
	Black	10.0	107	10.3	109	9.6	106	12.5	141	11.3	128	10.8	591
	Other***	14.4	26	14.7	31	16.6	38	10.8	26	15.1	38	14.3	159
	Total	6.1	402	5.7	381	5.7	396	6.5	463	6.0	430	6.0	2,072
Male	White	8.2	187	6.5	154	6.9	162	7.4	181	6.1	155	7.0	839
	Black	14.7	63	14.2	61	15.4	69	19.2	87	19.0	82	16.6	362
	Other***	16.5	16	21.6	21	22.7	19	-	15	19.5	21	19.4	92
	Total	9.5	266	8.1	236	8.6	250	9.4	283	8.4	258	8.8	1,293
Female	White	2.7	82	2.8	87	2.8	90	3.6	115	3.3	109	3.1	483
	Black	7.0	44	7.6	48	5.7	37	8.2	54	6.7	46	7.0	229
	Other***	-	-	-	-	12.8	19	-	11	11.7	17	10.4	67
	Total	3.6	136	3.8	145	3.7	146	4.5	180	4.2	172	4.0	779

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Brain and Other Nervous System

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	6.4	348	5.3	292	5.5	309	6.7	379	6.9	397	6.2	1,725
	Black	3.3	42	3.5	41	3.4	46	4.5	60	3.7	50	3.7	239
	Other***	6.7	16	4.6	16	-	-	6.8	19	6.0	21	5.3	81
	Total	5.9	406	4.9	349	5.0	364	6.3	458	6.3	468	5.7	2,045
Male	White	7.9	200	6.4	171	7.0	187	8.6	225	8.1	215	7.6	998
	Black	4.8	27	4.2	20	4.4	26	5.4	33	4.3	26	4.6	132
	Other***	-	-	-	-	-	-	-	-	-	-	4.7	35
	Total	7.3	234	6.0	200	6.4	219	7.9	264	7.3	248	7.0	1,165
Female	White	5.2	148	4.2	121	4.2	122	5.1	154	5.9	182	4.9	727
	Black	-	15	3.1	21	2.7	20	3.7	27	3.2	24	3.0	107
	Other***	-	-	-	-	-	-	-	13	-	14	5.9	46
	Total	4.7	172	4.0	149	3.8	145	5.0	194	5.5	220	4.6	880

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Thyroid

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	6.7	371	5.3	298	6.6	375	7.8	451	7.6	449	6.8	1,944
	Black	3.5	46	4.5	58	3.5	47	5.1	71	4.4	62	4.2	284
	Other***	11.9	32	8.8	28	7.9	28	8.0	30	14.0	54	10.1	172
	Total	6.2	449	5.3	384	6.1	450	7.3	552	7.4	565	6.5	2,400
Male	White	3.8	100	2.9	78	3.5	94	4.2	118	4.9	143	3.8	533
	Black	-	12	-	12	-	11	3.1	17	-	12	2.3	64
	Other***	-	-	-	-	-	-	-	-	-	-	3.1	26
	Total	3.5	119	2.8	96	3.2	109	3.8	137	4.4	162	3.6	623
Female	White	9.5	271	7.7	220	9.8	281	11.4	333	10.3	306	9.7	1,411
	Black	4.8	34	6.5	46	4.9	36	7.1	54	6.4	50	5.9	220
	Other***	17.0	25	12.9	22	12.7	24	14.0	28	23.0	47	16.1	146
	Total	8.8	330	7.6	288	8.9	341	10.7	415	10.2	403	9.3	1,777

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004

### Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

#### Esophagus

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	4.7	256	3.9	217	4.0	227	4.9	284	4.7	280	4.4	1,264
	Black	7.2	79	7.1	80	8.4	95	6.4	74	5.6	70	6.9	398
	Other***	-	-	-	-	-	-	-	-	-	-	3.2	36
	Total	5.1	343	4.4	300	4.6	329	5.1	368	4.8	358	4.8	1,698
Male	White	8.0	195	6.9	169	6.6	174	8.6	220	7.9	211	7.6	969
	Black	13.5	64	10.6	52	14.9	72	11.0	54	8.9	49	11.8	291
	Other***	-	-	-	-	-	-	-	-	-	-	5.7	27
	Total	8.8	266	7.3	222	7.8	252	8.9	281	7.9	266	8.2	1,287
Female	White	2.0	61	1.6	48	1.7	53	2.0	64	2.1	69	1.9	295
	Black	-	15	4.4	28	3.7	23	3.0	20	3.1	21	3.3	107
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	2.1	77	2.1	78	2.0	77	2.2	87	2.3	92	2.1	411

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Larynx

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	4.6	256	3.5	199	3.6	206	3.9	229	3.8	229	3.9	1,119
	Black	6.7	77	6.9	78	6.1	72	5.8	68	5.5	67	6.2	362
	Other***	-	-	-	-	-	-	-	-	-	-	2.8	28
	Total	4.9	337	4.0	282	4.0	283	4.2	306	4.0	301	4.2	1,509
Male	White	8.2	203	6.4	160	6.0	155	6.4	172	6.9	193	6.8	883
	Black	11.7	59	14.3	68	11.2	58	12.4	60	11.1	56	12.1	301
	Other***	-	-	-	-	-	-	-	-	-	-	5.9	25
	Total	8.7	266	7.6	233	6.7	216	7.4	241	7.4	253	7.5	1,209
Female	White	1.8	53	1.3	39	1.7	51	1.8	57	1.1	36	1.5	236
	Black	2.8	18	-	-	-	14	-	-	-	11	1.8	61
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	1.9	71	1.3	49	1.7	67	1.6	65	1.2	48	1.5	300

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

Cervix

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female**	White	3.7	203	3.7	208	3.5	199	3.1	178	3.1	184	3.4	972
	Black	5.3	65	5.7	70	4.9	63	4.5	58	3.5	46	4.8	302
	Other***	6.7	17	5.9	17	6.2	20	-	12	7.2	23	6.0	89
	Total	4.0	285	4.0	295	3.8	282	3.4	248	3.3	253	3.7	1,363
Male	White	-	-	-	-	-	-	-	-	-	-	-	-
	Black	-	-	-	-	-	-	-	-	-	-	-	-
	Other***	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-
Female	White	7.0	203	7.2	208	6.8	199	6.1	178	6.1	184	6.6	972
	Black	9.5	65	10.2	70	8.8	63	8.1	58	6.2	46	8.5	302
	Other***	11.9	17	10.6	17	11.4	20	-	12	13.1	23	10.9	89
	Total	7.6	285	7.7	295	7.3	282	6.4	248	6.3	253	7.1	1,363

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\* Rates for sex specific sites are calculated using males and females. Consult sex-specific rows for sex-specific rates.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Multiple Myeloma

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	4.0	219	3.2	176	3.8	212	4.1	235	4.1	237	3.9	1,079
	Black	8.9	96	6.9	75	7.4	83	10.6	117	9.4	110	8.7	481
	Other***	-	-	-	-	-	-	17.1	32	6.6	16	7.1	69
	Total	4.8	323	3.9	260	4.3	299	5.4	384	5.0	363	4.7	1,629
Male	White	4.4	107	4.4	103	5.0	124	4.9	124	4.9	124	4.7	582
	Black	11.4	51	8.2	35	9.7	45	14.1	64	10.7	48	10.8	243
	Other***	-	-	-	-	-	-	19.0	16	-	-	8.1	37
	Total	5.5	162	5.0	143	5.6	171	6.7	204	5.9	182	5.7	862
Female	White	3.7	112	2.3	73	2.8	88	3.4	111	3.4	113	3.1	497
	Black	7.2	45	6.3	40	5.8	38	8.2	53	9.1	62	7.3	238
	Other***	-	-	-	-	-	-	15.6	16	-	-	6.2	32
	Total	4.3	161	3.0	117	3.3	128	4.5	180	4.4	181	3.9	767

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Liver and Intrahepatic Bile Duct

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	3.1	165	2.6	144	2.8	155	4.1	235	3.9	230	3.3	929
	Black	3.6	40	4.1	47	3.8	46	5.5	67	5.9	75	4.6	275
	Other***	13.1	25	13.5	31	10.8	22	17.2	39	14.7	34	14.1	151
	Total	3.4	230	3.2	222	3.2	223	4.7	341	4.6	339	3.8	1,355
Male	White	5.0	117	4.3	108	4.3	108	6.1	158	6.0	156	5.2	647
	Black	6.7	32	5.7	30	6.7	35	8.7	46	9.9	56	7.6	199
	Other***	21.1	19	20.4	24	20.7	16	32.3	32	23.7	25	24.2	116
	Total	5.8	168	5.1	162	5.1	159	7.3	236	7.2	237	6.1	962
Female	White	1.6	48	1.2	36	1.5	47	2.4	77	2.3	74	1.8	282
	Black	~	~	2.6	17	~	11	3.1	21	2.7	19	2.3	76
	Other***	~	~	~	~	~	~	~	~	~	~	6.4	35
	Total	1.7	62	1.6	60	1.6	64	2.6	105	2.5	102	2.0	393

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* ~ = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Hodgkin Lymphoma

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	2.7	147	2.5	137	3.2	178	2.8	157	2.5	142	2.8	761
	Black	1.7	24	1.8	25	2.6	38	2.6	40	3.1	46	2.4	173
	Other***	-	-	-	-	-	-	-	14	-	-	3.3	42
	Total	2.5	176	2.3	169	3.1	224	2.9	211	2.6	196	2.7	976
Male	White	3.5	89	2.4	66	3.6	98	3.0	83	2.9	83	3.1	419
	Black	-	15	-	-	3.0	21	2.5	16	2.7	19	2.4	81
	Other***	-	-	-	-	-	-	-	-	-	-	3.5	21
	Total	3.2	108	2.2	80	3.4	122	3.0	107	2.7	104	2.9	521
Female	White	2.2	58	2.6	71	2.8	80	2.6	74	2.1	59	2.5	342
	Black	-	-	-	15	2.2	17	2.9	24	3.5	27	2.4	92
	Other***	-	-	-	-	-	-	-	-	-	-	3.1	21
	Total	1.9	68	2.4	89	2.7	102	2.8	104	2.4	92	2.4	455

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004 Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

### Testis

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female**	White	3.3	184	2.5	137	2.6	143	2.7	148	3.0	165	2.8	777
	Black	~	~	~	~	~	~	~	~	~	~	0.5	37
	Other***	~	~	~	~	~	~	~	~	~	~	1.0	22
	Total	2.6	195	2.0	148	2.0	153	2.2	163	2.4	177	2.2	836
Male	White	6.6	184	4.9	137	5.1	143	5.3	148	5.9	165	5.5	777
	Black	~	~	~	~	~	~	~	~	~	~	1.1	37
	Other***	~	~	~	~	~	~	~	~	~	~	2.0	22
	Total	5.3	195	4.0	148	4.1	153	4.3	163	4.7	177	4.5	836
Female	White	~	~	~	~	~	~	~	~	~	~	~	~
	Black	~	~	~	~	~	~	~	~	~	~	~	~
	Other***	~	~	~	~	~	~	~	~	~	~	~	~
	Total	~	~	~	~	~	~	~	~	~	~	~	~

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* ~ = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\* Rates for sex specific sites are calculated using males and females. Consult sex-specific rows for sex-specific rates.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.

## Cancer Incidence in Virginia, 2000 - 2004

### Virginia Cancer Registry

Age-adjusted Cancer Incidence Rates\* and Counts\* by Site, Sex, and Race, Virginia, 2000 - 2004

Virginia Cancer Registry, June 2007

Note: Data exclude localized basal and squamous cell skin carcinomas and in situ carcinomas except urinary bladder

All Sites

Sex	Race	2000		2001		2002		2003		2004		2000-2004	
		Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count
Male and female	White	432.2	23,522	408.9	22,647	422.3	23,869	440.7	25,403	432.9	25,456	427.5	120,897
	Black	451.8	4,994	445.3	5,007	450.6	5,226	474.2	5,591	464.8	5,638	457.7	26,456
	Other***	415.2	818	431.5	927	377.6	900	504.2	1,204	460.3	1,224	440.9	5,073
	Total	434.2	29,334	414.9	28,581	425.4	29,995	447.5	32,198	438.4	32,318	432.2	152,426
Male	White	505.5	12,107	481.5	11,739	496.2	12,415	514.0	13,061	494.3	12,951	498.4	62,273
	Black	594.5	2,698	596.2	2,748	595.7	2,837	627.0	3,027	601.6	2,986	603.7	14,296
	Other***	535.7	404	542.9	473	492.4	453	709.5	654	549.7	595	570.0	2,579
	Total	518.5	15,209	499.8	14,960	510.1	15,705	535.1	16,742	511.0	16,532	515.1	79,148
Female	White	382.8	11,415	360.2	10,908	371.3	11,454	391.5	12,342	390.4	12,505	379.3	58,624
	Black	356.3	2,296	344.0	2,259	353.8	2,389	372.7	2,564	375.8	2,652	360.8	12,160
	Other***	340.3	414	352.9	454	301.7	447	367.1	550	399.3	629	354.9	2,494
	Total	376.9	14,125	356.9	13,621	366.7	14,290	387.9	15,456	388.2	15,786	375.5	73,278

Rates are per 100,000 and age-adjusted to the 2000 U.S. (19 age groups) standard.

\* - = Rate is not calculated when case count is less than 16; case count is not displayed when number is less than 11.

\*\*\* Other includes Asian and Pacific Islanders, American Indian and Alaskan Native, other races, and unknown race.