

Table I-21
US PREVALENCE COUNTS, INVASIVE CANCERS ONLY, JANUARY 1, 2005^a
USING DIFFERENT TUMOR INCLUSION CRITERIA^b

Site/Sex	5-Year Limited Duration			30-year Limited Duration	
	1st Invasive Tumor Ever ^c	1st Per Site in Previous 30 Years ^d	1st Per Site in Previous 5 Years ^e	1st Invasive Tumor Ever ^c	1st Per Site in Previous 30 Years ^d
All Sites	4,047,630	4,124,002	4,471,606	10,505,741	10,700,724
Male	2,069,338	2,097,658	2,265,792	4,896,353	4,954,654
Female	1,978,292	2,026,344	2,205,814	5,609,388	5,746,070
Oral Cavity & Pharynx	86,675	99,393	102,699	223,620	245,611
Male	58,447	66,437	68,409	144,387	157,204
Female	28,228	32,956	34,290	79,233	88,407
Esophagus	18,953	22,591	22,591	27,187	31,941
Male	14,462	17,126	17,126	20,510	23,821
Female	4,491	5,465	5,465	6,677	8,120
Stomach	31,518	37,554	37,666	60,885	69,650
Male	18,834	22,619	22,647	34,789	40,033
Female	12,684	14,935	15,019	26,096	29,617
Colon & Rectum	414,431	477,379	485,167	1,050,283	1,168,268
Male	209,554	241,797	245,238	515,575	570,013
Female	204,877	235,582	239,929	534,708	598,255
Liver & Intrahep	15,981	18,086	18,086	21,259	23,745
Male	11,073	12,473	12,473	14,023	15,605
Female	4,908	5,613	5,613	7,236	8,140
Pancreas	21,905	26,051	26,051	29,026	33,751
Male	10,950	13,152	13,152	14,178	16,577
Female	10,955	12,899	12,899	14,848	17,174
Larynx	30,668	35,999	36,272	88,989	98,327
Male	24,542	28,792	29,019	71,335	78,509
Female	6,126	7,207	7,253	17,654	19,818
Lung & Bronchus	206,013	255,746	260,876	348,273	417,553
Male	99,962	125,160	127,386	165,661	198,810
Female	106,051	130,586	133,490	182,612	218,743
Melanoma of the Skin	221,975	247,168	256,223	677,773	725,006
Male	116,685	132,017	137,768	333,977	360,601
Female	105,290	115,151	118,455	343,796	364,405
Breast					
Female	808,737	867,285	909,008	2,377,471	2,521,460
Cervix					
Female	40,655	42,514	42,620	189,952	195,487
Corpus & Uterus					
Female	145,463	163,808	163,843	511,115	554,123
Ovary ^f					
Female	53,959	63,067	63,111	151,232	170,276

^a US 2005 cancer prevalence counts are based on 2005 cancer prevalence proportions from the SEER 9 registries and 1/1/2005 US population estimates based on the average of 2004 and 2005 population estimates from the US Bureau of the Census.

^{bcd} (b) Prevalence estimates are ambiguous for those with multiple cancers, unless the tumor inclusion criteria are understood. Depending on the application, different inclusion criteria may be appropriate. This table provides three different methods of tumor inclusion: (c) First invasive tumor ever; (d) First invasive tumor for each cancer site diagnosed during the previous 30 years (1975-2004); (e) First invasive tumor for each cancer site diagnosed during the previous 5 years (2000-2004). For definitions (d) and (e) all sites is treated as a separate cancer "site".

Consider a woman who had three invasive cancers: Melanoma in 1981; Breast cancer in 2000; Melanoma in 2001.

In method (c) the melanoma is the woman's first cancer, and is counted for the melanoma and all sites 30-year limited duration prevalence. For 5-year limited duration prevalence, the woman is not counted at all since her first cancer occurred more than 5 years prior to 1/1/2005.

In method (d) the 1981 melanoma is counted for the melanoma and all sites 30-year limited duration prevalence. The 2000 breast cancer is counted for the breast 5-year and 30-year limited duration prevalence.

In method (e) the 2000 breast cancer is counted for the breast cancer and all sites 5-year limited duration prevalence. The 2001 melanoma is counted for 5-year limited duration prevalence for melanoma.

^f Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

Table I-21 - continued
US PREVALENCE COUNTS, INVASIVE CANCERS ONLY, JANUARY 1, 2005^a
USING DIFFERENT TUMOR INCLUSION CRITERIA^b

Site/Sex	5-Year Limited Duration			30-year Limited Duration	
	1st Invasive Tumor Ever ^c	1st Per Site in Previous 30 Years ^d	1st Per Site in Previous 5 Years ^e	1st Invasive Tumor Ever ^c	1st Per Site in Previous 30 Years ^d
Prostate					
Male	939,384	1,013,473	1,013,521	2,102,958	2,244,449
Testis					
Male	39,561	40,196	40,664	165,843	167,969
Urinary Bladder					
Male	187,611	229,342	232,628	500,529	575,400
Female	140,466	171,744	174,234	370,894	424,832
Female	47,145	57,598	58,394	129,635	150,568
Kidney & Renal Pelvis					
Male	105,967	127,975	128,978	242,021	279,591
Female	63,208	77,412	78,092	142,504	165,759
Female	42,759	50,563	50,886	99,517	113,832
Brain & Nervous System					
Male	40,067	41,895	42,078	105,744	108,660
Female	21,582	22,580	22,690	56,701	58,150
Female	18,485	19,315	19,388	49,043	50,510
Thyroid					
Male	111,720	120,840	121,123	344,182	362,308
Female	24,952	28,074	28,096	76,616	81,765
Female	86,768	92,766	93,027	267,566	280,543
Hodgkin Lymphoma					
Male	34,567	36,114	36,138	140,716	143,814
Female	18,082	18,848	18,859	72,571	74,112
Female	16,485	17,266	17,279	68,145	69,702
Non-Hodgkin Lymphoma					
Male	173,017	198,936	200,239	389,438	430,711
Female	89,995	104,311	104,889	201,376	222,211
Female	83,022	94,625	95,350	188,062	208,500
Myeloma					
Male	37,951	43,567	43,601	55,888	63,084
Female	20,764	24,306	24,340	30,945	35,402
Female	17,187	19,261	19,261	24,943	27,682
Leukemia					
Male	91,507	103,055	103,168	213,808	231,461
Female	52,959	59,875	59,932	120,855	131,096
Female	38,548	43,180	43,236	92,953	100,365
Acute Lymphocytic Leuk					
Male	14,454	14,746	14,746	52,633	53,040
Female	8,169	8,268	8,268	28,919	29,056
Female	6,285	6,478	6,478	23,714	23,984
Childhood (0-19)					
Male	59,044	59,122	59,392	248,912	249,391
Female	31,593	31,637	31,734	127,804	128,005
Female	27,451	27,485	27,658	121,108	121,386
Kaposi Sarcoma					
Male	6,456	6,920	6,920	20,669	21,698
Female	5,958	6,317	6,317	19,259	20,131
Female	498	603	603	1,410	1,567
Mesothelioma					
Male	2,847	3,600	3,600	4,361	5,219
Female	2,040	2,599	2,599	2,646	3,276
Female	807	1,001	1,001	1,715	1,943

^a US 2005 cancer prevalence counts are based on 2005 cancer prevalence proportions from the SEER 9 registries and 1/1/2005 US population estimates based on the average of 2004 and 2005 population estimates from the US Bureau of the Census.

^{bcde} (b) Prevalence estimates are ambiguous for those with multiple cancers, unless the tumor inclusion criteria are understood. Depending on the application, different inclusion criteria may be appropriate. This table provides three different methods of tumor inclusion: (c) First invasive tumor ever; (d) First invasive tumor for each cancer site diagnosed during the previous 30 years (1975-2004); (e) First invasive tumor for each cancer site diagnosed during the previous 5 years (2000-2004). For definitions (d) and (e) all sites is treated as a separate cancer "site".

Consider a woman who had three invasive cancers: Melanoma in 1981; Breast cancer in 2000; Melanoma in 2001.

In method (c) the melanoma is the woman's first cancer, and is counted for the melanoma and all sites 30-year limited duration prevalence. For 5-year limited duration prevalence, the woman is not counted at all since her first cancer occurred more than 5 years prior to 1/1/2005.

In method (d) the 1981 melanoma is counted for the melanoma and all sites 30-year limited duration prevalence. The 2000 breast cancer is counted for the breast 5-year and 30-year limited duration prevalence.

In method (e) the 2000 breast cancer is counted for the breast cancer and all sites 5-year limited duration prevalence. The 2001 melanoma is counted for 5-year limited duration prevalence for melanoma.

Table I-22
US COMPLETE PREVALENCE COUNTS, INVASIVE CANCERS ONLY, January 1, 2005^a
BY AGE AT PREVALENCE

Age at Prevalence	Age Specific								
	All Ages ^c	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+
<u>Site/Sex</u>									
All Sites									
Males	5,017,159	16,399	39,131	72,187	144,424	325,302	684,471	1,158,366	2,576,879
Females	6,081,291	14,148	32,907	78,183	213,178	591,903	1,084,176	1,295,883	2,770,913
Oral Cavity & Pharynx									
Males	154,159	22	457	1,378	3,285	14,388	34,829	39,166	60,632
Females	86,017	94	445	1,590	3,294	8,286	15,001	18,032	39,275
Esophagus									
Males	20,618	0	0	14	190	993	4,149	6,451	8,820
Females	6,790	0	12	24	39	245	870	1,475	4,126
Stomach									
Males	36,118	0	17	64	601	2,306	5,417	8,526	19,186
Females	27,093	17	23	133	452	1,835	3,582	4,955	16,095
Colon & Rectum									
Males	531,875	11	58	908	4,952	21,683	65,986	117,180	321,098
Females	563,408	0	92	1,021	4,786	19,725	55,223	95,601	386,961
Liver & Intrahep									
Males	14,098	318	426	302	385	1,286	4,581	3,125	3,676
Females	7,544	406	317	308	348	739	1,283	1,519	2,624
Pancreas									
Males	14,355	0	35	69	243	1,227	3,204	3,844	5,732
Females	15,090	0	62	115	368	1,335	2,493	3,533	7,183
Larynx									
Males	74,702	0	0	46	211	2,653	10,886	19,951	40,955
Females	18,394	0	0	46	186	1,184	2,730	5,061	9,186
Lung & Bronchus									
Males	172,426	22	88	267	1,144	6,635	23,556	50,032	90,682
Females	187,655	0	44	360	1,473	8,522	25,008	50,522	101,726
Melanoma of the Skin									
Males	349,414	70	796	4,912	16,062	46,512	78,727	81,518	120,817
Females	374,002	78	890	10,158	31,346	67,262	88,525	69,337	106,407

^a US 2005 cancer prevalence counts are based on 2005 cancer prevalence proportions from the SEER 9 registries (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta) and 1/1/2005 US population estimates based on the average of 2004 and 2005 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.

^b Cases diagnosed more than 30 years ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000).

^c Due to rounding, the sum of the age specific estimates may not equal the all ages estimate.

Table I-22 - continued
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 BY AGE AT PREVALENCE

Age at Prevalence	Age Specific								
	All Ages ^c	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+
<u>Site/Sex</u>									
Breast									
Males	12,864	0	0	23	86	500	2,112	3,338	6,804
Females	2,477,847	0	70	2,367	35,542	205,803	485,718	597,083	1,151,266
Cervix									
Females	249,756	23	58	2,406	18,587	44,912	56,492	49,040	78,238
Corpus & Uterus, NOS									
Females	572,626	0	43	598	4,635	23,170	73,904	120,851	349,424
Ovary ^d									
Females	174,236	44	985	3,228	7,229	20,668	36,444	39,782	65,855
Prostate									
Males	2,106,499	22	69	93	286	16,233	179,722	532,480	1,377,594
Urinary Bladder									
Males	384,294	39	139	619	2,498	12,873	40,736	85,424	241,966
Females	136,858	11	56	425	1,212	4,625	12,496	26,832	91,201
Kidney & Renal Pelvis									
Males	148,837	1,493	2,452	2,268	4,063	13,380	29,131	38,394	57,657
Females	104,665	1,495	2,574	2,621	3,821	9,794	16,463	22,752	45,145
Hodgkin Lymphoma									
Males	80,386	127	2,071	8,803	16,282	22,142	17,052	8,546	5,364
Females	75,786	66	1,541	9,602	16,859	20,963	14,940	6,428	5,387
Non-Hodgkin Lymphoma									
Males	207,821	585	3,464	6,304	11,912	25,726	40,865	46,986	71,979
Females	193,876	313	1,515	3,644	7,917	18,360	33,094	41,373	87,660
Myeloma									
Males	31,066	0	0	40	550	2,132	6,299	9,490	12,555
Females	25,134	0	0	23	283	1,525	4,520	6,533	12,251
Leukemia									
Males	123,731	6,018	11,203	9,962	8,677	10,545	16,300	21,846	39,180
Females	96,332	4,782	9,585	9,056	7,170	7,633	10,616	13,737	33,754
Acute Lymphocytic Leuk									
Males	30,765	4,979	9,818	7,749	4,881	1,772	722	528	315
Females	25,452	4,032	8,130	6,555	3,892	1,532	651	356	304

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