

Supplementary Table 1. Estimated number of cancers, with confidence intervals, among people living with AIDS in the United States (1991–2005)*

	Estimated no. of cancers (95% CI)†					
	1991–1995		1996–2000		2001–2005	
AIDS-defining Cancers						
Kaposi sarcoma	21,483	(21,087 to 21,878)	5,727	(5,525 to 5,930)	3,827	(3,462 to 4,191)
Non-Hodgkin lymphoma	12,778	(12,477 to 13,078)	7,292	(7,063 to 7,522)	5,968	(5,505 to 6,431)
Cervix	327	(282 to 372)	419	(363 to 475)	530	(398 to 663)
All AIDS-defining cancers	34,587	(34,089 to 35,086)	13,439	(13,127 to 13,750)	10,325	(9,721 to 10,929)
Non-AIDS-defining cancers						
Oral cavity and pharynx	181	(146 to 216)	341	(291 to 391)	503	(368 to 638)
Esophagus	41	(23 to 60)	62	(40 to 83)	254	(137 to 372)
Stomach	50	(32 to 68)	78	(55 to 101)	118	(52 to 185)
Small intestine	13	(4 to 23)	25	(11 to 38)	24	(0 to 53)
Colorectum	108	(80 to 135)	230	(188 to 272)	438	(315 to 560)
Anus	206	(168 to 245)	770	(695 to 845)	1,564	(1,330 to 1,798)
Liver	116	(88 to 145)	261	(217 to 304)	583	(448 to 718)
Pancreas	25	(13 to 37)	62	(41 to 83)	188	(109 to 267)
Larynx	70	(49 to 92)	192	(155 to 229)	317	(215 to 419)
Lung	875	(798 to 952)	1,383	(1,283 to 1,483)	1,882	(1,638 to 2,126)
Bone	5	(0 to 12)	9	(1 to 18)	2	(0 to 6)
Soft tissue including heart	33	(17 to 48)	43	(25 to 60)	112	(40 to 184)
Melanoma	76	(53 to 99)	154	(121 to 187)	264	(154 to 374)
Female breast	36	(21 to 51)	198	(159 to 237)	337	(227 to 447)
Uterine corpus	7	(0 to 14)	15	(3 to 26)	47	(12 to 81)
Ovary	10	(3 to 18)	21	(9 to 34)	28	(7 to 49)
Vagina	0	(0 to 0)	0	(0 to 0)	9	(0 to 19)
Vulva	10	(1 to 18)	23	(11 to 36)	74	(30 to 117)
Prostate	87	(63 to 111)	322	(273 to 371)	759	(600 to 918)
Testis	88	(62 to 113)	73	(51 to 96)	81	(28 to 134)
Penis	13	(4 to 22)	35	(19 to 51)	64	(17 to 111)
Bladder	31	(16 to 45)	62	(41 to 84)	70	(29 to 112)
Kidney	66	(45 to 87)	97	(71 to 124)	208	(130 to 286)
Brain	44	(27 to 61)	53	(34 to 73)	61	(14 to 108)
Thyroid	20	(9 to 32)	51	(30 to 72)	84	(39 to 130)
Hodgkin lymphoma	426	(371 to 480)	682	(603 to 761)	897	(729 to 1,065)
Myeloma	63	(42 to 83)	93	(67 to 119)	159	(82 to 236)
Lymphocytic leukemia	36	(20 to 52)	44	(26 to 63)	36	(2 to 70)
Myeloid and monocytic leukemia	47	(28 to 66)	101	(74 to 128)	118	(60 to 176)
Mesothelioma	12	(3 to 20)	9	(1 to 18)	14	(0 to 35)
Miscellaneous	396	(343 to 449)	511	(450 to 572)	760	(611 to 908)
All non-AIDS-defining cancers	3,193	(3,044 to 3,341)	6,011	(5,798 to 6,223)	10,059	(9,477 to 10,640)
Poorly specified malignancy	1,142	(1,040 to 1,244)	464	(407 to 521)	438	(324 to 551)
All cancers combined	38,922	(38,392 to 39,453)	19,913	(19,532 to 20,294)	20,821	(19,975 to 21,668)

*Estimated total number of cancers (ie, the cancer burden) occurring in the AIDS population in the US in the pre-highly active antiretroviral therapy (HAART) period (1991–1995), early-HAART period (1996–2000) and late-HAART period (2001–2005). Estimates were calculated with data from the HIV/AIDS Cancer Match Study and from Centers for Disease Control and Prevention HIV/AIDS surveillance data. CI = confidence interval.

†Poisson-based 95% confidence intervals were estimated for cancer counts.

Supplementary Table 2. Estimated number of cancers, with confidence intervals, among people living with HIV-only or AIDS in 34 US states (2004–2007)*

	Number of cancers (95% CI)†			
		AIDS	HIV-only	
AIDS-defining cancers				
Kaposi sarcoma	2,941	(2,826 to 3,055)	---	---
Non-Hodgkin Lymphoma	4,584	(4,441 to 4,727)	---	---
Cervical Cancer	383	(340 to 427)	---	---
All AIDS-defining cancers	7,869	(7,681 to 8,057)	---	---
Non-AIDS-defining cancers				
Oral cavity and pharynx	297	(260 to 333)	103	(68 to 139)
Esophagus	86	(66 to 106)	25	(8 to 42)
Stomach	67	(50 to 85)	41	(19 to 63)
Small intestine	12	(4 to 19)	13	(0 to 25)
Colorectal	237	(205 to 270)	135	(94 to 175)
Anus	751	(693 to 809)	154	(111 to 197)
Liver	269	(234 to 303)	91	(58 to 124)
Pancreas	76	(57 to 94)	63	(35 to 90)
Larynx	161	(134 to 187)	50	(26 to 75)
Lung	1,143	(1,071 to 1,214)	454	(380 to 528)
Bone	2	(0 to 6)	9	(0 to 20)
Soft tissue including heart	40	(26 to 53)	6	(0 to 15)
Melanoma	120	(97 to 143)	25	(8 to 42)
Female breast	203	(171 to 235)	166	(123 to 209)
Uterine corpus	19	(10 to 29)	20	(5 to 35)
Ovary	31	(19 to 43)	20	(5 to 35)
Vagina	4	(0 to 8)	0	(0 to 0)
Vulva	39	(25 to 53)	17	(3 to 31)
Prostate	271	(232 to 310)	147	(95 to 199)
Testis	38	(24 to 53)	22	(2 to 42)
Penis	23	(11 to 34)	4	(0 to 13)
Bladder	50	(35 to 65)	19	(4 to 34)
Kidney	104	(82 to 125)	75	(45 to 105)
Brain	45	(31 to 60)	9	(0 to 20)
Thyroid	47	(32 to 61)	34	(14 to 55)
Hodgkin lymphoma	546	(496 to 595)	150	(108 to 193)
Myeloma	71	(53 to 89)	41	(19 to 63)
Lymphocytic leukemia	29	(18 to 40)	13	(0 to 25)
Myeloid/monocytic leukemia	67	(50 to 85)	25	(8 to 42)
Mesothelioma	6	(1 to 11)	0	(0 to 0)
Miscellaneous	431	(387 to 474)	160	(116 to 204)
All non to AIDS to defining cancers	5,372	(5,217 to 5,527)	2,191	(2,028 to 2,353)
Poorly specified histology	340	(301 to 379)	113	(76 to 150)
All cancers combined	13,581	(13,334 to 13,827)	2,303	(2,137 to 2,470)

*Estimated total number of cancers (ie, cancer burden) occurring in people with AIDS and HIV-only (HIV infection without AIDS) in 34 US states during 2004–2007. Estimates were calculated with data from the HIV/AIDS Cancer Match Study and from Centers for Disease Control and Prevention HIV/AIDS surveillance data. CI = confidence interval.

†Poisson-based 95% confidence intervals were estimated for cancer counts.