

HIV/AIDS SURVEILLANCE

BIANNUAL

SUMMARY

COMMONWEALTH OF PENNSYLVANIA

December 2005

**DEPARTMENT OF
HEALTH**

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Calvin B. Johnson, M.D., M.P.H., Secretary of Health*

**The HIV/AIDS Surveillance Biannual Summary is prepared by the
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Expanded analysis of data presented in the Biannual Summary and other HIV/AIDS Epidemiologic data may be requested by sending e-mail to c-hivepi@state.pa.us or through the Department's web site at: <http://www.health.state.pa.us/hiv-epi/> (please download the "Biannual Summary" or use the online Data Requests form at this site) or by telephone/fax to our office at 717-783-0481(tel) or 717-772-6975(fax). Please scroll down the menu of links on the left frame of the web site to "Quarterly/Biannual Summary" and "Data Requests", respectively.

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HIV/AIDS Surveillance Biannual Summary

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SUMMARY TABLE

Cases of HIV(Human Immunodeficiency Virus), Perinatal Exposure to HIV,
and AIDS (Acquired Immune Deficiency Syndrome)
Among Pennsylvania Residents
Reported During the Periods Indicated Under Each Table*

The numbers below and in subsequent tables do not include potential AIDS cases that do not have information or are missing information for any of the following specific variables: a) Name of patient, b) Date of birth, c) Race or Ethnicity, d) Sex of patient, e) Vital status of patient, f) Date of AIDS diagnosis or Date of Opportunistic Infection, and g) County of residence when diagnosed. It also excludes records with certain logical inconsistencies (such as a date of death earlier than the date of birth).

PENNSYLVANIA (INCL. PHILADELPHIA COUNTY) AIDS CASES			
	NUMBER OF CASES	NUMBER DEAD	PERCENT DEAD
TOTAL(AIDS)	31,831	15,720	49
ADULT(AIDS)	31,475	15,570	50
PEDIATRIC(AIDS)	356	150	42

*Reported during the period January 1, 1980 through December 31, 2005

UNITED STATES AIDS CASES			
	NUMBER OF CASES	NUMBER DEAD	PERCENT DEAD
TOTAL(AIDS)	944,305	529,113	56
ADULT(AIDS)	934,862	523,598	56
PEDIATRIC(AIDS)	9,443	5,515	58

*Estimated Number of Diagnoses through December 31, 2004

Centers For Disease Control and Prevention.
HIV/AIDS Surveillance Report, 2004,vol 16 [12,16]

UNDUPLICATED HIV (NOT-AIDS) CASES & PERINATAL EXPOSURE, October 2002-December 2005 (EXCL. PHILADELPHIA COUNTY),			
	NUMBER OF CASES	NUMBER DEAD	PERCENT DEAD
TOTAL HIV(NOT AIDS)	1,843	27	1.5
ADULT	1,831	27	1.5
PEDIATRIC	12	0	0.0
<hr/>			
PERINATAL EXPOSURE (NOT AIDS)	65	0	0.0

*First diagnosis reported (meeting respective case definitions) during the period October 20, 2002 through December 31, 2005

To show the difference in the number of HIV cases in Pennsylvania when the first diagnosis reported include cases from January 1, 2000 through December 31, 2005, a separate table is shown below.

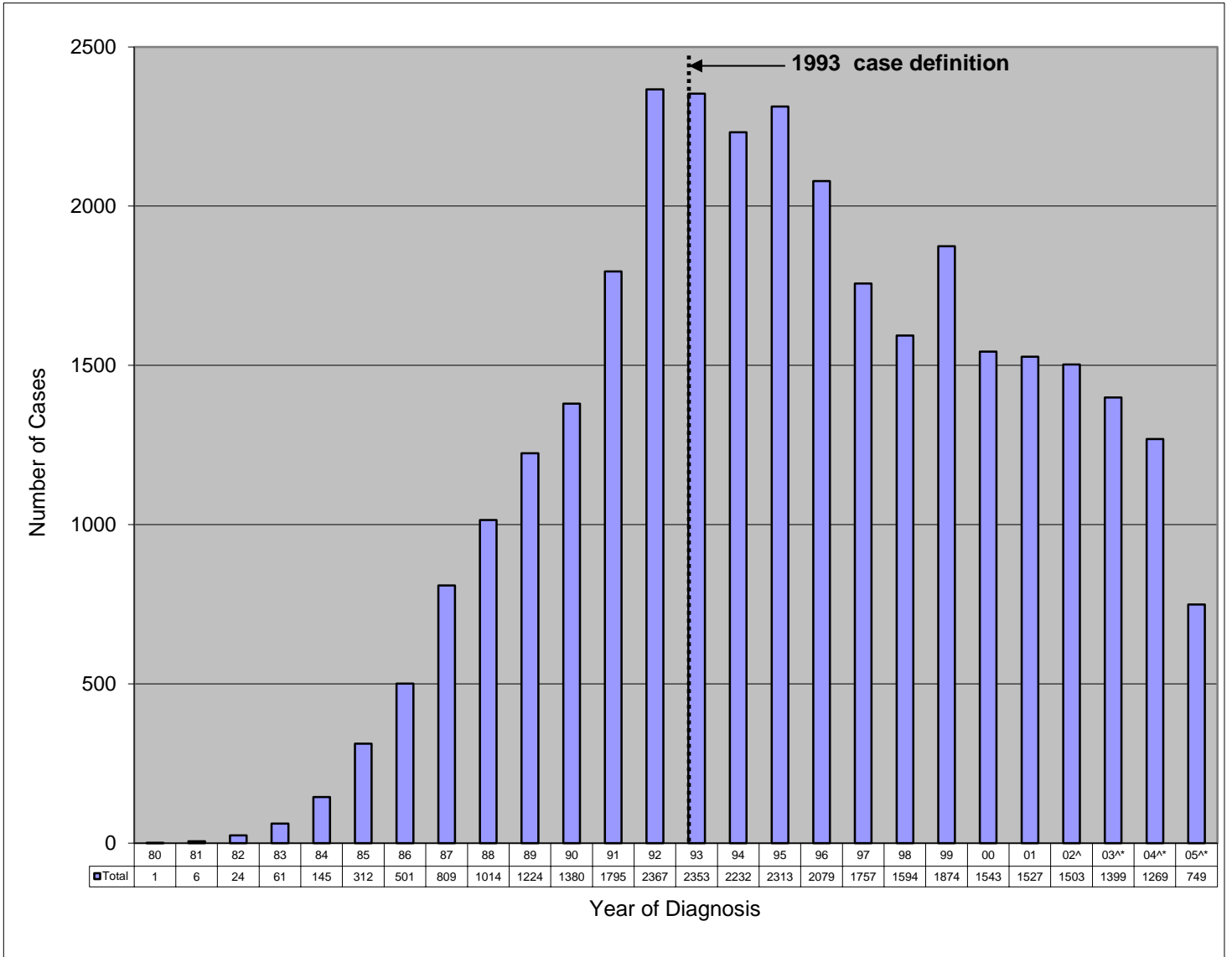
UNDUPLICATED HIV (NOT-AIDS) CASES & PERINATAL EXPOSURE, January 2000-December 2005 (EXCL. PHILADELPHIA COUNTY),			
	NUMBER OF CASES	NUMBER DEAD	PERCENT DEAD
TOTAL HIV(NOT AIDS)	3,017	68	2.3
ADULT	2,991	68	2.3
PEDIATRIC	26	0	0.0
<hr/>			
PERINATAL EXPOSURE (NOT AIDS)	140	1	0.7

*First diagnosis reported (meeting respective case definitions) during the period January, 1 2000 through December 31, 2005

Perinatal exposure (non-AIDS) cases regardless of HIV status

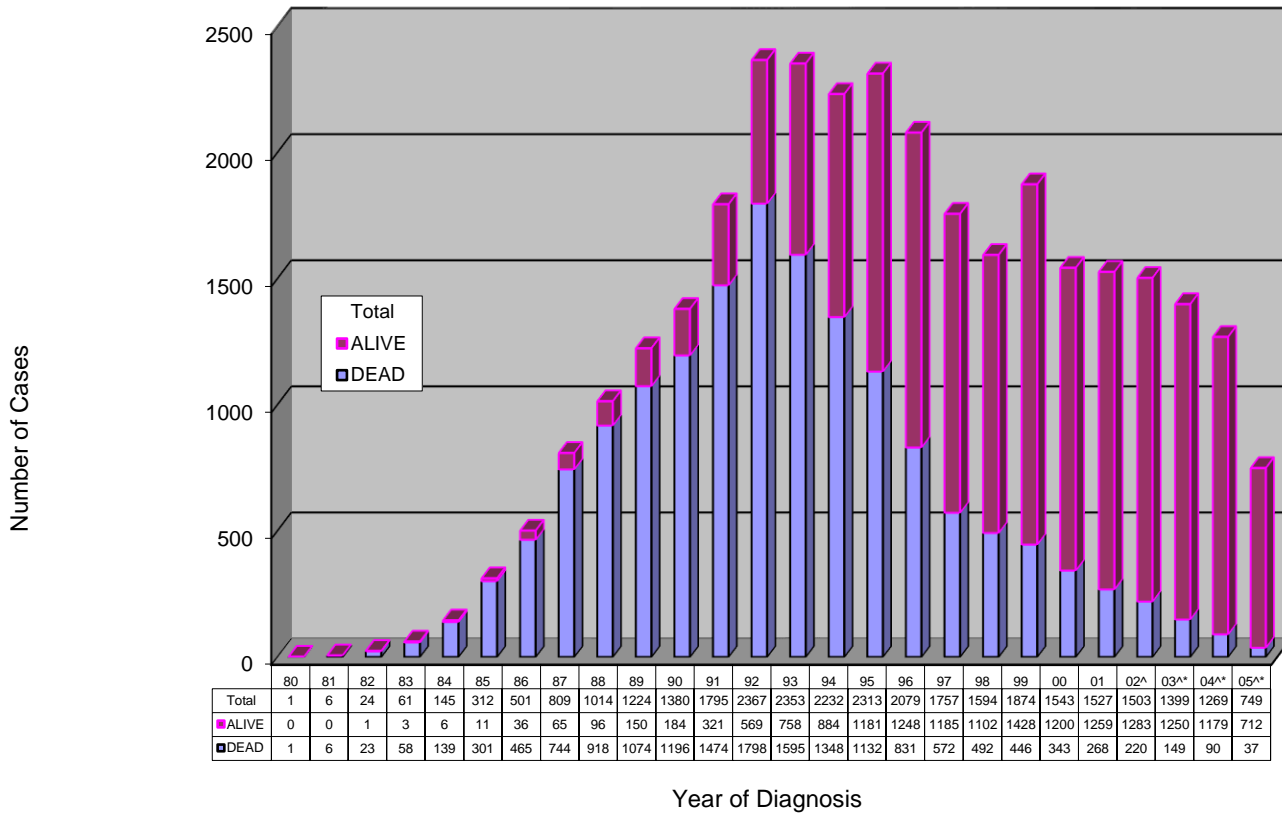
The cumulative data presented in the table above are provided as a preview of progress in reporting processes and should not be used to infer the number of HIV cases in Pennsylvania due to incompleteness and reporting delays inherent in the early phases of surveillance system implementation. Moreover, these data do not include potential HIV (NOT AIDS) cases that do not have information or are missing information for any of the following specific variables: a) First positive result date, b) Current record status, c) Date of patient birth, d) Sex of patient, e) Patient's race, and f) State of residence when HIV+.

Figure 1
Annual Incidence for AIDS in Pennsylvania
1980-2005



^Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and
*partially due to reporting delays.

Figure 2
Annual Incidence for AIDS in Pennsylvania
Current Mortality Status by Year of Diagnosis
1980-2005



^Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and
*partially due to reporting delays.

TABLE 1
 ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
 AMONG ADULT/ADOLESCENT AND PEDIATRIC CASES
 BY YEAR OF DIAGNOSIS, 1980-2005

YEAR OF DIAGNOSIS	ADULT/ADOLESCENT	PEDIATRIC	TOTAL
1980	1	0	1
1981	5	1	6
1982	22	2	24
1983	59	2	61
1984	143	2	145
1985	305	7	312
1986	493	8	501
1987	797	12	809
1988	999	15	1,014
1989	1,202	22	1,224
1990	1,359	21	1,380
1991	1,776	19	1,795
1992	2,327	40	2,367
1993	2,312	41	2,353
1994	2,208	24	2,232
1995	2,280	33	2,313
1996	2,054	25	2,079
1997	1,737	20	1,757
1998	1,577	17	1,594
1999	1,858	16	1,874
2000	1,535	8	1,543
2001 [^]	1,522	5	1,527
2002 ^{^*}	1,495	8	1,503
2003 ^{^*}	1,398	1	1,399
2004 ^{^*}	1,265	4	1,269
2005 ^{^*}	746	3	749
Total	31,475	356	31,831

[^]Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

^{^*}partially due to reporting delays.

TABLE 2
ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
SEX AND RACE/ETHNICITY BY YEAR OF DIAGNOSIS
2000-2004

	2000		2001		2002 [^]		2003 ^{^*}		2004 ^{^*}		1980-2005 TOTAL TO DATE	
	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent
TOTAL MALE	1,102	71	1,103	72	1,053	70	976	70	894	70	25,127	79
WHITE (NON-HISPANIC)	351	23	360	24	341	23	308	22	275	22	10,149	32
BLACK (NON-HISPANIC)	620	40	614	40	563	37	530	38	495	39	12,127	38
HISPANIC	125	8	119	8	131	9	124	9	119	9	2,704	8
ASIAN/PACIFIC	4	0	4	0	9	1	12	1	1	0	92	0
NATIVE AMERICAN	1	0	1	0	2	0	1	0	2	0	15	0
MULTIPLE RACE	1	0	5	0	7	0	1	0	2	0	40	0
TOTAL FEMALE	441	29	424	28	450	30	423	30	375	30	6,704	21
WHITE (NON-HISPANIC)	94	6	97	6	98	7	78	6	83	7	1,536	5
BLACK (NON-HISPANIC)	295	19	275	18	295	20	285	20	239	19	4,146	13
HISPANIC	47	3	50	3	54	4	54	4	51	4	983	3
ASIAN/PACIFIC	2	0	2	0	0	0	1	0	0	0	18	0
NATIVE AMERICAN	1	0	0	0	0	0	2	0	1	0	8	0
MULTIPLE RACE	2	0	0	0	3	0	3	0	1	0	13	0
TOTAL	1,543	100	1,527	100	1,503	100	1,399	100	1,269	100	31,831	100

[^]Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

^{*}partially due to reporting delays.

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 3
ADULT/ADOLESCENT AND PEDIATRIC AIDS IN PENNSYLVANIA
RACE/ETHNICITY BY SEX
1980-1999 and 2000-2005

	1980-1999		2000-2005 [^]		1980-2005 TOTAL TO DATE	
	number	percent	number	percent	number	percent
MALE						
TOTAL	19,444		5,683		25,127	
TOTAL ADULT/ADOLESENT	19,256	100	5,669	100	24,925	100
WHITE (NON-HISPANIC)	8,289	43	1,818	32	10,107	41
BLACK (NON-HISPANIC)	8,894	46	3,117	55	12,011	48
HISPANIC	1,985	10	676	12	2,661	11
ASIAN/PACIFIC	57	0	34	1	91	0
NATIVE AMERICAN	8	0	7	0	15	0
MULTIPLE RACE	23	0	17	0	40	0
TOTAL PEDIATRIC	188	100	14	100	202	100
WHITE (NON-HISPANIC)	39	21	3	21	42	21
BLACK (NON-HISPANIC)	105	56	11	79	116	57
HISPANIC	43	23	0	0	43	21
ASIAN/PACIFIC	1	1	0	0	1	0
NATIVE AMERICAN	0	0	0	0	0	0
FEMALE						
TOTAL	4,397		2,307		6,704	
TOTAL ADULT/ADOLESENT	4,258	100	2,292	100	6,550	100
WHITE (NON-HISPANIC)	1,035	24	474	21	1,509	23
BLACK (NON-HISPANIC)	2,519	59	1,522	66	4,041	62
HISPANIC	687	16	277	12	964	15
ASIAN/PACIFIC	11	0	6	0	17	0
NATIVE AMERICAN	3	0	4	0	7	0
MULTIPLE RACE	3	0	9	0	12	0
TOTAL PEDIATRIC	139	100	15	100	154	100
WHITE (NON-HISPANIC)	21	15	6	40	27	18
BLACK (NON-HISPANIC)	96	69	9	60	105	68
HISPANIC	19	14	0	0	19	12
ASIAN/PACIFIC	1	1	0	0	1	1
NATIVE AMERICAN	1	1	0	0	1	1
MULTIPLE RACE	1	1	0	0	1	1
BOTH SEXES						
TOTAL	23,841		7,990		31,831	
TOTAL ADULT/ADOLESENT	23,514	100	7,961	100	31,475	100
WHITE (NON-HISPANIC)	9,324	40	2,292	29	11,616	37
BLACK (NON-HISPANIC)	11,413	49	4,639	58	16,052	51
HISPANIC	2,672	11	953	12	3,625	12
ASIAN/PACIFIC	68	0	40	1	108	0
NATIVE AMERICAN	11	0	11	0	22	0
MULTIPLE RACE	26	0	26	0	52	0
TOTAL PEDIATRIC	327	100	29	100	356	100
WHITE (NON-HISPANIC)	60	18	9	31	69	19
BLACK (NON-HISPANIC)	201	61	20	69	221	62
HISPANIC	62	19	0	0	62	17
ASIAN/PACIFIC	2	1	0	0	2	1
NATIVE AMERICAN	1	0	0	0	1	0
MULTIPLE RACE	1	0	0	0	1	0

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 4
ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
AGE BY YEAR OF DIAGNOSIS
2000-2004

	2000		2001		2002 [^]		2003 ^{^*}		2004 ^{^*}		1980-2005 TOTAL TO DATE	
	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent
ALL AGES	1,543	100	1,527	100	1,503	100	1,399	100	1,269	100	31,831	100
0-12	8	0.52	5	0	8	1	1	0	4	0	356	1
13-19	9	1	14	1	12	1	19	1	16	1	224	1
20-29	166	11	161	11	142	9	169	12	149	12	4,805	15
30-39	537	35	557	36	545	36	469	34	373	29	13,072	41
40-49	558	36	524	34	541	36	468	34	466	37	9,305	29
OVER 49	265	17	266	17	255	17	273	19	261	21	4,069	13

[^]Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and
^{*}partially due to reporting delays.

Note: Percentages may not add to 100% due to 'rounding' .

TABLE 5
ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
MODE OF TRANSMISSION BY YEAR OF DIAGNOSIS
2000-2004

	2000		2001		2002 [^]		2003 ^{^*}		2004 ^{^*}		1980-2005 TOTAL TO DATE	
	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent
ALL MODES	1,543	100	1,527	100	1,503	100	1,399	100	1,269	100	31,831	100
MEN SEX W/MEN (MSM)	442	29	411	27	363	24	367	26	364	29	12,320	39
INJECTING DRUG USE (IDU)	599	39	495	32	464	31	382	27	315	25	10,348	33
MSM & IDU	52	3	50	3	40	3	32	2	26	2	1,630	5
COAGULATION DISORDER	1	0	2	0	1	0	3	0	5	0	246	1
HETEROSEXUAL CONTACT	370	24	469	31	487	32	462	33	425	33	5,405	17
TRANSFUSION RECEIVED	1	0	3	0	4	0	6	0	4	0	277	1
UNDETERMINED/OTHER ^{**}	68	4	92	6	134	9	145	10	124	10	1,219	4
ALL PEDIATRIC MODES ^{***}	10	1	5	0	10	1	2	0	6	0	386	1

[^]Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and
^{*}partially due to reporting delays.

^{**}1,207 Cases remain under investigation to establish mode of transmission; 2 are confirmed occupational exposure.

^{***} There are 30 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

Note: Percentages may not add to 100% due to 'rounding' .

TABLE 6
AIDS IN PENNSYLVANIA
MODE OF TRANSMISSION BY RACE/ETHNICITY
1980-1999 AND 2000-2005

	WHITE NON-HISPANIC		BLACK NON-HISPANIC		HISPANIC		ASIAN/PACIFIC		NATIVE AMERICAN		MULTIPLE RACE		ALL RACES	
	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent
1980-1999														
ALL MODES	9,384	100	11,614	100	2,734	100	70	100	12	100	27	100	23,841	100
MEN SEX W/MEN (MSM)	5,963	64	3,745	32	396	14	39	56	6	50	14	52	10,163	43
INJECTING DRUG USE (IDU)	1,595	17	4,758	41	1,558	57	5	7	5	42	7	26	7,928	33
MSM & IDU	483	5	787	7	141	5	1	1	0	0	0	0	1,412	6
COAGULATION DISORDER	214	2	13	0	5	0	0	0	0	0	1	4	233	1
HETEROSEXUAL CONTACT	664	7	1,754	15	491	18	13	19	0	0	4	15	2,926	12
TRANSFUSION RECEIVED	187	2	56	0	8	0	6	9	0	0	0	0	257	1
UNDETERMINED/OTHER**	201	2	297	3	72	3	4	6	0	0	0	0	574	2
ALL PEDIATRIC MODES***	77	1	204	2	63	2	2	3	1	8	1	4	348	1

** 572 cases remain under investigation to establish mode of transmission; 2 are confirmed occupational exposure.

*** There are 21 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

2000-2005[^]														
	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent	number	percent
ALL MODES	2,301	100	4,659	100	953	100	40	100	11	100	26	100	7,990	100
MEN SEX W/MEN (MSM)	1,070	47	953	20	113	12	13	33	2	18	6	23	2,157	27
INJECTING DRUG USE (IDU)	493	22	1,503	32	405	42	5	13	4	36	10	38	2,420	30
MSM & IDU	69	3	124	3	24	3	0	0	0	0	1	4	218	3
COAGULATION DISORDER	7	0	2	0	4	0	0	0	0	0	0	0	13	0
HETEROSEXUAL CONTACT	390	17	1,777	38	277	29	16	40	3	27	8	31	2,479	31
TRANSFUSION RECEIVED	9	0	9	0	2	0	0	0	0	0	0	0	20	0
UNDETERMINED	243	10	266	6	127	13	6	15	2	18	1	4	645	8
ALL PEDIATRIC MODES***	12	1	25	1	1	0	0	0	0	0	0	0	38	0

*** There are 9 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999.

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 7
AIDS IN PENNSYLVANIA
CASES INFECTED BEFORE AGE 13* BY MODE OF TRANSMISSION
1980-1999 AND 2000-2005

MODE OF TRANSMISSION	1980-1999		2000-2005 [^]		1980-2005 TOTAL TO DATE	
	number	percent	number	percent	number	percent
ALL PEDIATRIC MODES	348	100	38	100	386	100
COAGULATION DISORDER	21	6	1	3	22	6
MOTHER WITH HIV	306	88	32	84	338	88
(Mother's Mode)						
INJECT DRUGS(IDU)	126		9		135	
SEX W/IDU	64		7		71	
SEX W/BISEXUAL	9		1		10	
SEX W/COAGULATION DIS	5		0		5	
SEX W/TRANSFUSION REC	2		0		2	
SEX W/HIV INFECTED	47		11		58	
TRANSFUSION REC	3		0		3	
HIV (NO MODE SPEC)	50		4		54	
TRANSFUSION RECEIVED	9	3	0		9	2
UNDETERMINED/OTHER	12	3	5	13	17	4

* Includes 30 cases which were diagnosed with AIDS when 13 years old or older.

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

Notes: Percentages may not add to 100% due to 'rounding'.

TABLE 8
AIDS IN PENNSYLVANIA
AIDS DEFINING ILLNESSES BY TIME INTERVAL OF DIAGNOSIS
1980-1999 AND 2000-2005

	CONDITION PRESENTING AT AIDS DIAGNOSIS**	1980-1999		2000-2005^		TOTAL TO DATE 1980-2005	
		number	percent	number	percent	number	percent
MALES	Immunological, CD4<200 cells/uL or <14%**	9,159	47	4,566	80	13,725	55
	PCP	4,946	25	647	11	5,593	22
	Wasting syndrome	2,394	12	504	9	2,898	12
	Candidiasis, esophageal	1,960	10	286	5	2,246	9
	Chronic mucocutaneous Herpes simplex	944	5	154	3	1,098	4
	Kaposi's sarcoma	960	5	78	1	1,038	4
	Cryptococcosis	681	4	85	2	766	3
	HIV encephalopathy	670	3	67	1	737	3
	CMV	579	3	61	1	640	3
	All Other Diagnoses	3,608		490		4,098	
FEMALES	Immunological, CD4<200 cells/uL or <14%**	2,332	53	1,775	77	4,107	61
	PCP	787	18	244	11	1,031	15
	Wasting syndrome	515	12	189	8	704	11
	Candidiasis, esophageal	464	11	133	6	597	9
	Chronic mucocutaneous Herpes simplex	344	8	118	5	462	7
	Recurrent pneumonia	204	5	58	3	262	4
	HIV encephalopathy	106	2	24	1	130	2
	Mycobacterium avium complex	100	2	25	1	125	2
	CMV	105	2	19	1	124	2
	All Other Diagnoses	616		162		778	
BOTH SEXES	Immunological, CD4<200 cells/uL or <14%**	11,491	48	6,341	79	17,832	56
	PCP	5,733	24	891	11	6,624	21
	Wasting syndrome	2,909	12	693	9	3,602	11
	Candidiasis, esophageal	2,424	10	419	5	2,843	9
	Chronic mucocutaneous Herpes simplex	1,288	5	272	3	1,560	5
	Kaposi's sarcoma	979	4	82	1	1,061	3
	HIV encephalopathy	776	3	91	1	867	3
	Cryptococcosis	746	3	106	1	852	3
	Recurrent pneumonia	680	3	170	2	850	3
	All Other Diagnoses	4,448		620		5,068	

Note: Only includes conditions found at the time of diagnosis of AIDS.

Percentages total more than 100 because one case may have several conditions diagnosed.

**The nine most common conditions among all males, among all females, and among all cases are listed.

^ The more recent pattern, 2000-2005, is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

** Decrease of all other presentations in 1999-2005 may be attributable to earlier diagnosis, prophylactic treatment, potent antiretroviral therapy and changes in the population progressing to AIDS stage.

TABLE 9
 CUMULATIVE CASES FOR AIDS IN PENNSYLVANIA
 MORTALITY STATUS BY COUNTY OF RESIDENCE
 1980-2005

COUNTY	PRESUMED ALIVE	REPORTED DEAD	CUMULATIVE CASES	COUNTY	PRESUMED ALIVE	REPORTED DEAD	CUMULATIVE CASES
PHILADELPHIA	9,298	8,598	17,896	BUTLER	23	36	59
ALLEGHENY	1,080	1,362	2,442	ADAMS	25	33	58
DELAWARE	573	735	1,308	CRAWFORD	25	29	54
DAUPHIN	427	435	862	LAWRENCE	25	29	54
MONTGOMERY	374	488	862	PIKE	29	23	52
BERKS	432	359	791	ARMSTRONG	16	22	38
LEHIGH	437	293	730	COLUMBIA	23	15	38
LANCASTER	365	359	724	INDIANA	16	18	34
BUCKS	277	388	665	MCKEAN	17	15	32
YORK	323	283	606	BRADFORD	12	19	31
CHESTER	221	284	505	GREENE	18	13	31
NORTHAMPTON	186	174	360	CARBON	17	15	32
CUMBERLAND	200	110	310	VENANGO	8	22	30
ERIE	152	135	287	PERRY	12	15	27
LUZERNE	131	152	283	WARREN	12	8	20
LYCOMING	137	113	250	SUSQUEHANNA	8	11	19
WESTMORELAND	87	131	218	TIOGA	5	14	19
MONROE	105	106	211	MIFFLIN	6	12	18
LACKAWANNA	101	105	206	SNYDER	9	9	18
BEAVER	63	64	127	BEDFORD	10	8	18
SCHUYLKILL	78	49	127	WYOMING	8	9	17
CAMBRIA	72	54	126	MONTOUR	7	8	15
LEBANON	64	61	125	JEFFERSON	4	9	13
WASHINGTON	50	70	120	JUNIATA	5	4	9
FRANKLIN	55	48	103	CLARION	4	4	8
CENTRE	54	48	102	CLINTON	1	6	7
UNION	72	26	98	POTTER	2	5	7
NORTHUMBERLAND	51	42	93	SULLIVAN	4	3	7
WAYNE	50	44	94	ELK	2	4	6
BLAIR	36	42	78	FOREST	1	1	2
SOMERSET	52	26	78	FULTON	2	0	2
HUNTINGDON	50	25	75	CAMERON	0	0	0
MERCER	33	36	69				
FAYETTE	29	35	64				
CLEARFIELD	40	21	61				
				STATE TOTAL	16,111	15,720	31,831

TABLE 10
ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
BY COUNTY OF RESIDENCE
2000-2003

COUNTY	2000	2001 [^]	2002 ^{**}	2003 ^{**}	2003 INCIDENCE PER 100,000
ADAMS	2	5	3	1	1.04
ALLEGHENY	76	108	113	100	7.93
ARMSTRONG	0	2	3	1	1.40
BEAVER	6	7	6	3	1.68
BEDFORD	0	1	0	1	2.00
BERKS	38	33	38	34	8.82
BLAIR	5	5	3	4	3.15
BRADFORD	2	1	0	0	0.00
BUCKS	21	16	14	16	2.61
BUTLER	0	5	2	1	0.56
CAMBRIA	5	4	5	8	5.35
CAMERON	0	0	0	0	0.00
CARBON	1	2	0	3	4.99
CENTRE	4	5	2	3	2.12
CHESTER	16	26	24	20	4.37
CLARION	1	0	1	0	0.00
CLEARFIELD	4	6	3	3	3.62
CLINTON	1	0	0	0	0.00
COLUMBIA	0	2	1	1	1.55
CRAWFORD	4	3	3	3	3.34
CUMBERLAND	17	13	22	12	5.46
DAUPHIN	51	45	24	27	10.66
DELAWARE	63	68	40	52	9.38
ELK	0	0	0	1	2.91
ERIE	18	13	14	9	3.21
FAYETTE	1	2	2	1	0.68
FOREST	1	0	0	0	0.00
FRANKLIN	7	2	2	5	3.76
FULTON	0	0	0	0	0.00
GREENE	1	3	0	1	2.48
HUNTINGDON	3	6	2	1	2.18
INDIANA	0	0	1	5	5.61
JEFFERSON	0	1	0	0	0.00
JUNIATA	0	0	1	0	0.00
LACKAWANNA	11	13	8	4	1.90

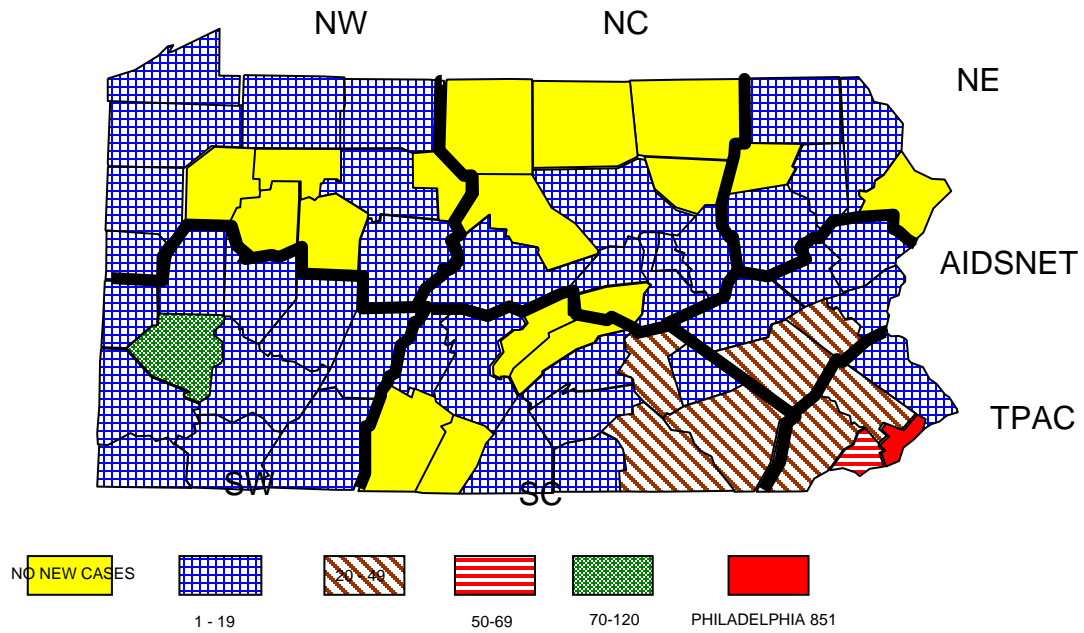
COUNTY	2000	2001 [^]	2002 ^{**}	2003 ^{**}	2003 INCIDENCE PER 100,000
LANCASTER	23	33	29	31	6.42
LAWRENCE	2	1	4	1	1.07
LEBANON	8	9	5	3	2.45
LEHIGH	35	35	33	35	10.92
LUZERNE	6	10	14	13	4.15
LYCOMING	15	13	7	11	9.29
MCKEAN	1	1	3	1	2.21
MERCER	4	1	0	6	5.00
MIFFLIN	0	2	0	0	0.00
MONROE	7	8	16	16	10.36
MONTGOMERY	42	33	29	32	4.15
MONTOUR	3	0	1	1	5.53
NORTHAMPTON	13	14	21	17	6.11
NORTHUMBERLAND	4	4	4	2	2.14
PERRY	0	1	1	1	2.26
PHILADELPHIA	946	895	921	852	57.59
PIKE	1	5	7	0	0.00
POTTER	0	0	0	0	0.00
SCHUYLKILL	5	3	8	2	1.35
SNYDER	0	3	1	0	0.00
SOMERSET	2	3	2	1	1.26
SULLIVAN	0	1	1	0	0.00
SUSQUEHANNA	0	1	0	3	7.17
TIOGA	0	0	1	0	0.00
UNION	9	8	7	9	21.15
VENANGO	4	0	1	0	0.00
WARREN	1	0	0	3	7.01
WASHINGTON	9	5	6	4	1.96
WAYNE	1	4	1	2	4.07
WESTMORELAND	7	10	8	4	1.09
WYOMING	2	2	0	0	0.00
YORK	34	25	35	29	7.34
STATE TOTAL	1,543	1,527	1,503	1,399	11.31

[^]Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

^{*}partially due to reporting delays.

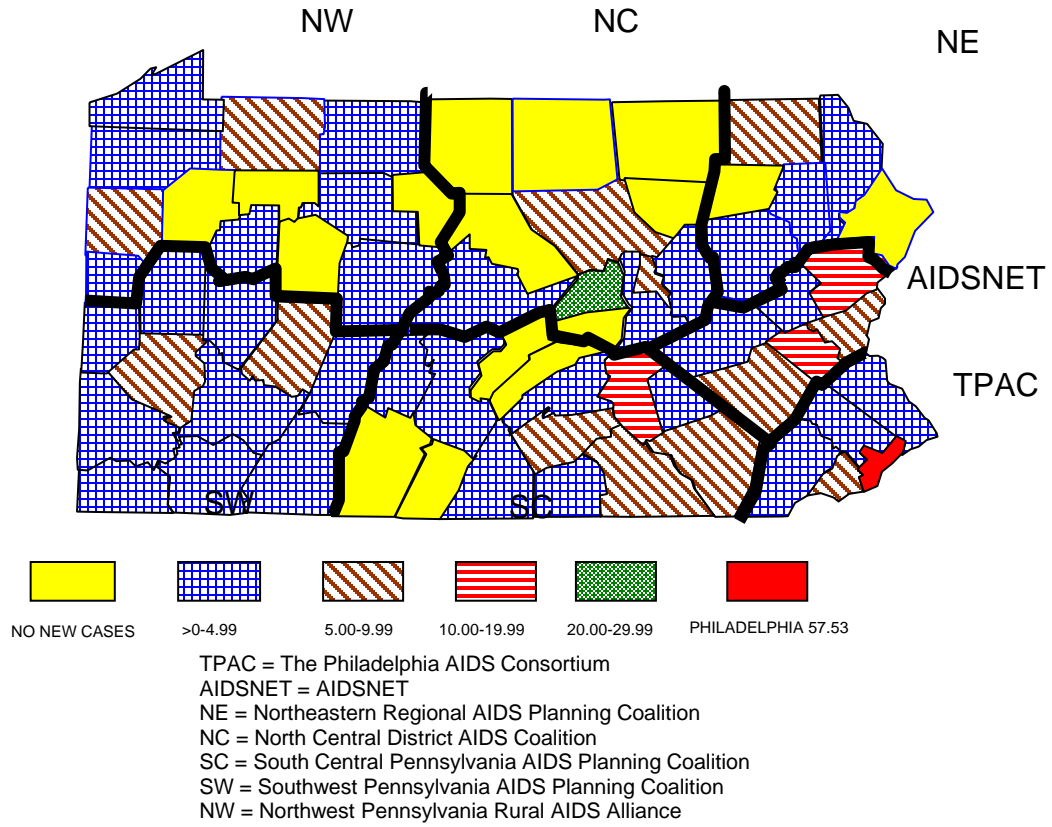
Rates based on estimated 2003 population.

FIGURE 3
 ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
 NUMBER OF NEW CASES IN EACH COUNTY
 2003



TPAC = The Philadelphia AIDS Consortium
 AIDSNET = AIDSNET
 NE = Northeastern Regional AIDS Planning Coalition
 NC = North Central District AIDS Coalition
 SC = South Central Pennsylvania AIDS Planning Coalition
 SW = Southwest Pennsylvania AIDS Planning Coalition
 NW = Northwest Pennsylvania Rural AIDS Alliance

FIGURE 4
 ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA
 INCIDENCE RATE* (PER 100,000) FOR EACH COUNTY
 2003



Note: Incidence rates based on estimated 2003 population.

TABLE 11
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	23,841	100	7,990	100	31,831	100	16,063	100
SEX	MALE ^{^^}	19,444	82	5,683	71	25,127	79	11,950	74
	FEMALE	4,397	18	2,307	29	6,704	21	4,113	26
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	9,384	39	2,301	29	11,685	37	5,182	32
	BLACK(NON-HISP)	11,614	49	4,659	58	16,273	51	8,557	53
	HISPANIC	2,734	11	953	12	3,687	12	2,200	14
	ASIAN/PACIFIC	70	0	40	1	110	0	72	0
	NATIVE AMERICAN	12	0	11	0	23	0	13	0
	MULTIPLE RACE	27	0	26	0	53	0	39	0
AGE (YEARS)	0-12 (PEDIATRIC)	327	1	29	0	356	1	206	1
	13-19	136	1	88	1	224	1	155	1
	20-29 ^{^^}	3,934	17	871	11	4,805	15	2,454	15
	30-39 ^{^^}	10,388	44	2,684	34	13,072	41	6,574	41
	40-49	6,448	27	2,857	36	9,305	29	4,857	30
	OVER 49	2,608	11	1,461	18	4,069	13	1,817	11
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	10,163	43	21,457	27	12,320	39	5,126	32
	INJECTING DRUG(IDU)	7,928	33	2,420	30	10,348	33	5,376	33
	MSM & IDU ^{^^}	1,412	6	218	3	1,630	5	692	4
	COAGULATION DIS	233	1	13	0	246	1	71	0
	HETEROSEXUAL CONTACT	2,926	12	2,479	31	5,405	17	3,674	23
	TRANSFUSION	257	1	20	0	277	1	51	0
	UNDETERMINED/OTHER	574	2	645	8	1,219	4	846	5
	ALL PEDIATRIC ^{***}	348	1	38	0	386	1	227	1
AIDS DEFINING ILLNESSES [*] PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/uL or <14% PCP ^{^^}	11,491	48	6,341	79	17,832	56	11,419	71
	Wasting syndrome ^{^^}	5,733	24	891	11	6,624	21	1,941	12
	Candidiasis, esophageal ^{^^}	2,909	12	693	9	3,602	11	1,280	8
	Chronic mucocutaneous Herpes simplex	2,424	10	419	5	2,843	9	963	6
	Kaposi's sarcoma ^{^^}	1,288	5	272	3	1,560	5	845	5
	HIV encephalopathy	979	4	82	1	1,061	3	258	2
	Cryptococcosis	776	3	91	1	867	3	171	1
	Recurrent pneumonia	746	3	106	1	852	3	201	1
		680	3	170	2	850	3	454	3
COALITION AREA	THE PHILADELPHIA AIDS CONSORTIUM	15,731	66	5,506	69	21,237	67	10,744	67
	AIDSNET	1,700	7	551	7	2,251	7	1,255	8
	NORTHEASTERN REGIONAL HIV PLANNING COALITION	523	2	148	2	671	2	327	2
	NORTH CENTRAL DISTRICT AIDS COALITION	532	2	153	2	685	2	377	2
	SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION	2,323	10	692	9	3,015	9	1,580	10
	SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION	2,562	11	774	10	3,336	10	1,505	9
	NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE	470	2	166	2	636	2	323	2

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding' .

TABLE 12
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

THE PHILADELPHIA AIDS CONSORTIUM
BUCKS, DELAWARE, CHESTER, MONTGOMERY, PHILADELPHIA COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	15,731	100	5,505	100	21,236	100	10,743	100
SEX	MALE ^{^^}	12,827	82	3,849	70	16,676	79	7,919	74
	FEMALE	2,904	18	1,656	30	4,560	21	2,824	26
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	4,712	30	1,178	21	5,890	28	2,654	25
	BLACK(NON-HISP)	9,476	60	3,722	68	13,198	62	6,808	63
	HISPANIC	1,465	9	553	10	2,018	10	1,194	11
	ASIAN/PACIFIC	47	0	32	1	79	0	53	0
	NATIVE AMERICAN	6	0	7	0	13	0	8	0
	MULTIPLE RACE	25	0	13	0	38	0	26	0
AGE (YEARS)	0-12 (PEDIATRIC)	232	1	14	0	246	1	156	1
	13-19	79	1	72	1	151	1	112	1
	20-29 ^{^^}	2,634	17	627	11	3,261	15	1,684	16
	30-39 ^{^^}	6,673	42	1,816	33	8,489	40	4,298	40
	40-49	4,296	27	1,914	35	6,210	29	3,202	30
	OVER 49	1,817	12	1,062	19	2,879	14	1,291	12
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	6,568	42	1,361	25	7,929	37	3,300	31
	INJECTING DRUG(IDU)	5,456	35	1,805	33	7,261	34	3,729	35
	MSM & IDU ^{^^}	916	6	144	3	1,060	5	444	4
	COAGULATION DIS	55	0	5	0	60	0	15	0
	HETEROSEXUAL CONTACT	2,048	13	2,005	36	4,053	19	2,823	26
	TRANSFUSION	127	1	6	0	133	1	20	0
	UNDETERMINED/OTHER	323	2	160	3	483	2	250	2
	ALL PEDIATRIC ^{***}	238	2	19	0	257	1	162	2
AIDS DEFINING ILLNESSES* PRESENTING	Immunological, CD4<200 cells/uL or <14% PCP ^{^^}	7,295	46	4,323	79	11,618	55	7,323	68
AT AIDS DIAGNOSIS	Wasting syndrome	1,901	12	579	11	2,480	12	981	9
	Candidiasis, esophageal ^{^^}	1,414	9	224	4	1,638	8	563	5
	Chronic mucocutaneous Herpes simplex	872	6	228	4	1,100	5	663	6
	Kaposi's sarcoma ^{^^}	662	4	50	1	712	3	182	2
	HIV encephalopathy	452	3	53	1	505	2	99	1
	Cryptococcosis	478	3	61	1	539	3	106	1
	Recurrent pneumonia	527	3	122	2	649	3	349	3
COUNTY	BUCKS	572	4	93	2	665	3	277	3
	CHESTER	392	2	113	2	505	2	221	2
	DELAWARE	1,021	6	287	5	1,308	6	573	5
	MONTGOMERY	677	4	185	3	862	4	374	3
	PHILADELPHIA	13,069	83	4,827	88	17,896	84	9,298	87

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.
Percentages total more than 100 because one case may have several conditions diagnosed.
The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding' .

TABLE 13
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

AIDSNET
BERKS, CARBON, LEHIGH, MONROE, NORTHAMPTON, SCHUYLKILL COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	1,700	100	551	100	2,251	100	1,255	100
SEX	MALE ^{^^}	1,265	74	363	66	1,628	72	863	69
	FEMALE	435	26	188	34	623	28	392	31
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	768	45	207	37	975	43	446	35
	BLACK(NON-HISP)	283	17	141	26	424	19	286	23
	HISPANIC ^{^^}	646	38	195	36	841	37	513	41
	ASIAN/PACIFIC	3	0	4	1	7	0	6	0
	NATIVE AMERICAN	0	0	1	0	1	0	1	0
	MULTIPLE RACE	0	0	3	1	3	0	3	0
AGE (YEARS)	0-12 (PEDIATRIC)	26	2	3	1	29	1	15	1
	13-19	14	1	4	1	18	1	12	1
	20-29 ^{^^}	256	15	56	10	312	14	171	14
	30-39 ^{^^}	824	48	191	35	1,015	45	547	44
	40-49	455	27	209	37	664	29	396	31
	OVER 49	125	7	88	16	213	9	114	9
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	499	29	94	17	593	26	238	19
	INJECTING DRUG(IDU) ^{^^}	712	42	157	29	869	39	500	40
	MSM & IDU	63	4	10	2	73	3	35	3
	COAGULATION DIS	29	2	6	1	35	2	15	1
	HETEROSEXUAL CONTACT ^{^^}	268	16	66	12	334	15	179	14
	TRANSFUSION	18	1	3	1	21	1	8	1
	UNDETERMINED/OTHER	83	5	210	38	293	13	261	21
	ALL PEDIATRIC ^{***}	28	2	5	1	33	1	19	2
AIDS DEFINING ILLNESSES* PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/ μ L or <14% PCP ^{^^}	928	55	431	78	1,359	60	934	74
	Wasting syndrome ^{^^}	367	22	65	12	432	19	150	12
	Candidiasis, esophageal ^{^^}	246	14	19	4	265	12	78	6
	Chronic mucocutaneous Herpes simplex	193	11	33	6	226	10	80	6
	Kaposi's sarcoma	77	5	13	2	90	4	48	4
	HIV encephalopathy	43	3	4	1	47	2	12	1
	Cryptococcosis	68	4	8	1	76	3	23	2
	Recurrent pneumonia	57	3	13	2	70	3	24	2
		43	3	12	2	55	2	31	3
COUNTY	BERKS	614	36	177	32	791	35	432	34
	CARBON	23	1	9	1	32	1	17	1
	LEHIGH	543	32	187	34	730	32	437	35
	MONROE	145	9	66	12	211	9	105	8
	NORTHAMPTON	273	16	87	16	360	16	186	15
	SCHUYLKILL	102	6	25	5	127	6	78	6

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.
Percentages total more than 100 because one case may have several conditions diagnosed.
The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 14
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

NORTHEASTERN REGIONAL HIV PLANNING COALITION
LACKAWANNA, LUZERNE, PIKE, SUSQUEHANNA, WAYNE, WYOMING COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	523	100	148	100	171	100	327	100
SEX	MALE ^{^^}	455	87	112	75	567	84	265	81
	FEMALE	68	13	36	25	104	16	62	19
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	363	69	85	58	448	67	192	59
	BLACK(NON-HISP)	95	18	42	29	137	20	82	25
	HISPANIC	64	12	19	12	83	12	52	16
	ASIAN/PACIFIC	0	0	0	0	0	0	0	0
	NATIVE AMERICAN	1	0	0	0	1	0	0	0
	MULTIPLE RACE	0	0	2	1	2	0	1	0
AGE (YEARS)	0-12 (PEDIATRIC)	9	2	1	1	10	1	4	1
	13-19	5	1	1	1	6	1	4	1
	20-29 ^{^^}	77	15	13	9	90	13	44	14
	30-39 ^{^^}	242	46	50	34	292	43	139	42
	40-49	142	27	62	42	204	30	104	32
	OVER 49	48	9	21	14	69	10	32	10
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	206	39	36	25	242	36	92	28
	INJECTING DRUG(IDU) ^{^^}	192	37	45	30	237	35	119	36
	MSM & IDU ^{^^}	41	8	6	4	47	7	23	7
	COAGULATION DIS ^{^^}	12	2	0	0	12	2	4	1
	HETEROSEXUAL CONTACT	35	7	14	9	49	7	26	8
	TRANSFUSION	7	1	1	1	8	1	1	0
	UNDETERMINED/OTHER	19	4	45	31	64	10	56	17
	ALL PEDIATRIC ^{***}	11	2	1	1	12	2	6	2
AIDS DEFINING ILLNESSES* PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/uL or <14% PCP ^{^^}	250	48	112	76	362	54	232	71
	Wasting syndrome ^{^^}	118	23	17	12	135	20	33	10
	Candidiasis, esophageal ^{^^}	66	13	8	5	74	11	24	7
	Chronic mucocutaneous Herpes simplex	68	13	6	4	74	11	20	6
	Kaposi's sarcoma ^{^^}	26	5	4	3	30	4	14	4
	HIV encephalopathy	29	6	1	1	30	4	6	2
	Cryptococcosis	25	5	4	3	29	4	6	2
	Recurrent pneumonia	17	3	3	2	20	3	8	2
		13	2	2	1	15	2	6	2
COUNTY	LACKAWANNA	156	30	50	34	206	120	101	31
	LUZERNE ^{^^}	226	43	57	39	283	165	131	40
	PIKE	34	7	18	12	52	30	29	9
	SUSQUEHANNA	14	3	5	3	19	11	8	2
	WAYNE ^{^^}	80	15	14	9	94	55	50	15
	WYOMING	13	2	4	3	17	10	8	2

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 15
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

NORTH CENTRAL DISTRICT AIDS COALITION

BRADFORD, CENTRE, CLINTON, COLUMBIA, LYCOMING, MONTOUR, NORTHUMBERLAND
 POTTER, SNYDER, SULLIVAN, TIOGA, UNION COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	532	100	153	100	685	100	377	100
SEX	MALE ^{^^}	422	79	108	71	530	77	286	76
	FEMALE	110	21	45	29	155	23	91	24
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	273	51	69	45	342	50	161	43
	BLACK(NON-HISP)	194	37	74	48	268	39	178	47
	HISPANIC ^{^^}	62	12	10	7	72	11	35	9
	ASIAN/PACIFIC	3	1	0	0	3	0	3	1
	NATIVE AMERICAN	0	0	0	0	0	0	0	0
	MULTIPLE RACE	0	0	0	0	0	0	0	0
AGE (YEARS)	0-12 (PEDIATRIC)	4	1	0	0	4	1	1	0
	13-19	2	0	1	1	3	0	2	1
	20-29 ^{^^}	88	17	10	7	98	14	52	14
	30-39 ^{^^}	251	47	63	41	314	46	169	45
	40-49	135	25	58	38	193	28	125	33
	OVER 49	52	10	21	14	73	11	28	7
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	176	33	43	28	219	32	94	25
	INJECTING DRUG(IDU) ^{^^}	235	44	53	35	288	42	177	47
	MSM & IDU ^{^^}	49	9	4	3	53	8	30	8
	COAGULATION DIS ^{^^}	14	3	0	0	14	2	4	1
	HETEROSEXUAL CONTACT	41	8	23	15	64	9	37	10
	TRANSFUSION	6	1	1	1	7	1	2	1
	UNDETERMINED/OTHER	7	1	29	19	36	5	32	9
	ALL PEDIATRIC ^{***}	4	1	0	0	4	1	1	0
AIDS DEFINING ILLNESSES* PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/uL or <14% PCP ^{^^}	313	59	136	89	449	65	306	81
	Wasting syndrome ^{^^}	118	22	14	9	132	19	46	12
	Candidiasis, esophageal ^{^^}	32	6	5	3	37	5	8	2
	Chronic mucocutaneous Herpes simplex ^{^^}	68	13	10	7	78	11	29	8
	Kaposi's sarcoma	31	6	3	2	34	5	11	3
	Kaposi's sarcoma	14	3	1	1	15	2	4	1
	HIV encephalopathy	10	2	3	2	13	2	4	1
	Cryptococcosis	13	2	1	1	14	2	3	1
	Recurrent pneumonia	6	1	2	1	8	1	5	1
COUNTY	BRADFORD	28	5	3	2	31	5	12	3
	CENTRE ^{^^}	85	16	17	11	102	15	54	14
	CLINTON	5	1	2	1	7	1	1	0
	COLUMBIA ^{^^}	33	6	5	3	38	6	23	6
	LYCOMING	194	37	56	37	250	36	137	36
	MONTOUR	10	2	5	3	15	2	7	2
	NORTHUMBERLAND	75	14	18	12	93	14	51	14
	POTTER	7	1	0	0	7	1	2	1
	SNYDER	14	3	4	3	18	3	9	2
	SULLIVAN	5	1	2	1	7	1	4	1
	TIOGA	17	3	2	1	19	3	5	1
	UNION	59	11	39	25	98	14	72	19

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 16
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION

ADAMS, BEDFORD, BLAIR, CUMBERLAND, DAUPHIN, FRANKLIN, FULTON, HUNTINGDON,
 JUNIATA, LANCASTER, LEBANON, MIFFLIN, PERRY, YORK COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	2,323	100	692	100	3,015	100	1,580	100
SEX	MALE ^{^^}	1,813	78	513	74	2,326	77	1,164	74
	FEMALE	510	22	179	26	689	23	416	26
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	1,275	55	309	44	1,584	52	774	49
	BLACK(NON-HISP)	634	27	249	36	883	29	489	31
	HISPANIC	406	17	126	18	532	18	308	20
	ASIAN/PACIFIC	4	0	3	0	7	0	4	0
	NATIVE AMERICAN	4	0	2	0	6	0	3	0
	MULTIPLE RACE	0	0	3	0	3	0	2	0
AGE (YEARS)	0-12 (PEDIATRIC)	36	2	4	1	40	1	15	1
	13-19	21	1	5	1	26	1	13	1
	20-29 ^{^^}	376	16	70	10	446	15	230	15
	30-39 ^{^^}	1,054	45	248	36	1,302	43	679	43
	40-49	610	26	245	35	855	28	470	30
	OVER 49	226	10	120	17	346	11	173	11
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	893	38	207	30	1,100	36	513	32
	INJECTING DRUG(IDU) ^{^^}	771	33	187	27	958	32	501	32
	MSM & IDU ^{^^}	151	7	25	4	176	6	68	4
	COAGULATION DIS ^{^^}	52	2	0	0	52	2	16	1
	HETEROSEXUAL CONTACT	320	14	153	22	473	16	313	20
	TRANSFUSION	35	2	3	0	38	1	8	1
	UNDETERMINED/OTHER	58	2	111	16	169	6	141	9
	ALL PEDIATRIC ^{***}	43	2	6	1	49	2	20	1
AIDS DEFINING ILLNESSES* PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/uL or <14% PCP ^{^^}	1,264	54	562	81	1,826	60	1,228	78
	Wasting syndrome ^{^^}	552	24	84	12	636	21	192	12
	Candidiasis, esophageal ^{^^}	297	13	30	4	327	11	74	5
	Chronic mucocutaneous Herpes simplex ^{^^}	279	12	56	8	335	11	107	7
	Kaposi's sarcoma	156	7	9	1	165	5	60	4
	HIV encephalopathy	72	3	14	2	86	3	19	1
	Cryptococcosis	68	3	11	2	79	3	19	1
	Recurrent pneumonia	71	3	14	2	85	3	27	2
		46	2	18	3	64	2	35	2
COUNTY	ADAMS	44	2	14	2	58	2	25	2
	BEDFORD	14	1	4	0	18	1	10	1
	BLAIR	54	2	24	4	78	3	36	2
	CUMBERLAND	226	10	84	12	310	10	200	13
	DAUPHIN ^{^^}	689	30	173	25	862	29	427	27
	FRANKLIN	78	3	25	4	103	3	55	4
	FULTON	2	0	0	0	2	0	2	0
	HUNTINGDON	59	3	16	2	75	2	50	3
	JUNIATA	7	0	2	0	9	0	5	0
	LANCASTER ^{^^}	573	25	151	21	724	24	365	23
	LEBANON	98	4	27	4	125	4	64	4
	MIFFLIN	16	1	2	0	18	1	6	0
	PERRY	23	1	4	1	27	1	12	1
	YORK	440	19	166	24	606	20	323	20

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 17
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION

ALLEGHENY, ARMSTRONG, BEAVER, BUTLER, CAMBRIA, FAYETTE, GREENE
INDIANA, SOMERSET, WASHINGTON, WESTMORELAND COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	2,562	100	775	100	3,337	100	1,506	100
SEX	MALE ^{^^}	2,263	88	611	79	2,874	86	1,235	82
	FEMALE	299	12	164	21	463	14	271	18
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	1,651	64	376	48	2,027	61	811	54
	BLACK(NON-HISP)	840	33	369	48	1,209	36	624	41
	HISPANIC	59	2	24	3	83	2	59	4
	ASIAN/PACIFIC	9	0	1	0	10	0	5	0
	NATIVE AMERICAN	1	0	0	0	1	0	0	0
	MULTIPLE RACE	2	0	5	1	7	0	7	0
AGE (YEARS)	0-12 (PEDIATRIC)	18	1	2	0	20	1	10	1
	13-19	9	0	4	1	13	0	8	1
	20-29 ^{^^}	429	17	69	9	498	15	220	15
	30-39 ^{^^}	1,140	44	257	33	1,397	42	624	41
	40-49	689	27	311	40	1,000	30	491	33
	OVER 49	277	11	132	17	409	12	153	10
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	1,595	62	364	47	1,959	59	791	53
	INJECTING DRUG(IDU)	449	18	122	16	571	17	264	18
	MSM & IDU ^{^^}	161	6	22	3	183	5	67	4
	COAGULATION DIS	55	2	2	0	57	2	14	1
	HETEROSEXUAL CONTACT	163	6	186	24	349	10	255	17
	TRANSFUSION	50	2	6	1	56	2	12	1
	UNDETERMINED/OTHER	70	3	71	9	141	4	92	6
	ALL PEDIATRIC ^{***}	19	1	2	0	21	1	11	1
AIDS DEFINING ILLNESSES [*] PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/ μ L or <14%	1,159	45	641	83	1,800	54	1,143	76
	PCP ^{^^}	851	33	97	13	948	28	253	17
	Wasting syndrome ^{^^}	303	12	38	5	341	10	95	6
	Candidiasis, esophageal ^{^^}	350	14	81	10	431	13	146	10
	Chronic mucocutaneous Herpes simplex ^{^^}	108	4	8	1	116	3	39	3
	Kaposi's sarcoma ^{^^}	145	6	10	1	155	5	28	2
	HIV encephalopathy ^{^^}	135	5	6	1	141	4	13	1
	Cryptococcosis ^{^^}	93	4	9	1	102	3	21	1
	Recurrent pneumonia	29	1	13	2	42	1	23	2
COUNTY	ALLEGHENY	1,866	73	576	74	2,442	73	1,080	72
	ARMSTRONG	31	1	7	1	38	1	16	1
	BEAVER	91	4	36	5	127	4	63	4
	BUTLER	46	2	13	2	59	2	23	2
	CAMBRIA	97	4	29	4	126	4	72	5
	FAYETTE	53	2	11	1	64	2	29	2
	GREENE	24	1	7	1	31	1	18	1
	INDIANA	27	1	7	1	34	1	16	1
	SOMERSET	63	2	15	2	78	2	52	3
	WASHINGTON	88	3	32	4	120	4	50	3
	WESTMORELAND	176	7	42	5	218	7	87	6

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 18
AIDS IN PENNSYLVANIA
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS
1980-2005

NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE

CAMERON, CLARION, CLEARFIELD, CRAWFORD, ELK, ERIE, FOREST, JEFFERSON,
LAWRENCE, MCKEAN, MERCER, VENANGO, WARREN COUNTIES

		1980-1999		2000-2005 [^]		TOTAL TO DATE 1980-2005		CURRENTLY LIVING	
		number	percent	number	percent	number	percent	number	percent
	TOTAL	470	100	166	100	636	100	323	100
SEX	MALE ^{^^}	399	85	127	76	526	83	253	78
	FEMALE	71	15	39	24	110	17	70	22
RACE/ETHNIC	WHITE(NON-HISP) ^{^^}	342	73	77	46	419	66	170	53
	BLACK(NON-HISP)	92	20	62	38	154	24	105	33
	HISPANIC	32	7	26	15	58	9	46	14
	ASIAN/PACIFIC	4	1	0	0	4	1	1	0
	NATIVE AMERICAN	0	0	1	1	1	0	1	0
	MULTIPLE RACE	0	0	0	0	0	0	0	0
AGE (YEARS)	0-12 (PEDIATRIC)	2	0	5	3	7	1	5	2
	13-19	6	1	1	1	7	1	5	2
	20-29	74	16	26	15	100	16	60	19
	30-39 ^{^^}	204	43	59	36	263	42	130	41
	40-49	121	26	58	35	179	28	90	28
	OVER 49 ^{^^}	63	13	17	10	80	13	33	10
MODE OF TRANS	MEN SEX W/MEN (MSM) ^{^^}	226	48	52	31	278	44	111	34
	INJECTING DRUG(IDU)	113	24	51	31	164	26	94	29
	MSM & IDU ^{^^}	31	7	7	4	38	6	26	8
	COAGULATION DIS ^{^^}	16	3	0	0	16	3	3	1
	HETEROSEXUAL CONTACT	51	11	32	20	83	13	57	18
	TRANSFUSION ^{^^}	14	3	0	0	14	2	0	0
	UNDETERMINED/OTHER	14	3	19	10	33	5	24	7
	ALL PEDIATRIC ^{***}	5	1	5	3	10	2	8	3
AIDS DEFINING ILLNESSES* PRESENTING AT AIDS DIAGNOSIS	Immunological, CD4<200 cells/ μ L or <14% PCP ^{^^}	276	59	130	78	406	64	243	75
	Wasting syndrome ^{^^}	113	24	25	15	138	22	42	13
	Candidiasis, esophageal ^{^^}	63	13	13	8	76	12	20	6
	Chronic mucocutaneous Herpes simplex	52	11	8	5	60	9	18	6
	Kaposi's sarcoma	18	4	5	3	23	4	10	3
	HIV encephalopathy	13	3	2	1	15	2	7	2
	Cryptococcosis	18	4	4	2	22	3	7	2
	Recurrent pneumonia	17	4	5	3	22	3	12	4
		16	3	0	0	16	3	5	2
COUNTY	CAMERON	0	0	0	0	0	0	0	0
	CLARION	6	1	2	1	8	1	4	1
	CLEARFIELD	40	9	21	12	61	10	40	12
	CRAWFORD	39	8	15	9	54	8	25	8
	ELK	5	1	1	1	6	1	2	1
	ERIE	213	45	74	45	287	45	152	47
	FOREST	0	0	2	1	2	0	1	0
	JEFFERSON	12	3	1	1	13	2	4	1
	LAWRENCE ^{^^}	43	9	11	6	54	8	25	8
	MCKEAN	24	5	8	5	32	5	17	5
	MERCER	51	11	18	10	69	11	33	10
	VENANGO	25	5	5	3	30	5	8	3
	WARREN	12	3	8	5	20	3	12	4

* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.
Percentages total more than 100 because one case may have several conditions diagnosed.
The nine most common conditions among all cases are listed.

*** Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

[^] The more recent pattern, 2000-2005 is a better reflection of current distribution of cases than the earlier, 1980-1999 or the total to date, 1980-2005.

^{^^} Decrease by more than 2 percentage points in 2000-2005

Note: Percentages may not add to 100% due to 'rounding'.

TABLE 19
 PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA*
 NUMBER OF VISITS** BY CLIENT'S COUNTY OF RESIDENCE
 2001-2005***

County	2001	2002	2003	2004	2005	TOTAL
Adams	288	345	421	423	262	1,739
Allegheny	7,180	11,336	11,613	12,222	6,652	49,003
Armstrong	61	73	48	47	43	272
Beaver	288	730	1,013	942	501	3,474
Bedford	94	99	44	40	32	309
Berks	3,861	5,046	6,578	7,086	4,354	26,925
Blair	650	408	447	477	291	2,273
Bradford	101	86	109	161	27	484
Bucks	1,384	1,426	1,660	1,854	1,493	7,817
Butler	306	502	423	639	505	2,375
Cambria	389	390	423	494	291	1,987
Cameron	2	3	-	7	15	27
Carbon	122	212	165	147	72	718
Centre	882	1,034	1,573	1,535	966	5,990
Chester	580	753	965	1,726	1,230	5,254
Clarion	158	120	196	255	243	972
Clearfield	142	195	181	197	181	896
Clinton	197	177	140	243	285	1,042
Columbia	369	347	423	664	264	2,067
Crawford	105	125	113	93	66	502
Cumberland	435	520	787	896	557	3,195
Dauphin	1,870	1,899	2,191	2,459	2,083	10,502
Delaware	2,835	2,457	3,272	3,164	1,560	13,288
Elk	34	65	68	74	50	291
Erie	1,669	1,707	2,259	2,626	1,489	9,750
Fayette	405	399	489	515	356	2,164
Forest	6	9	1	11	6	33
Franklin	516	418	482	599	286	2,301
Fulton	36	51	31	30	34	182
Greene	24	30	65	66	23	208
Huntingdon	125	150	137	276	213	901
Indiana	309	429	503	564	419	2,224
Jefferson	53	90	125	102	51	421
Juniata	51	31	35	30	11	158
Lackawanna	426	438	405	636	383	2,288
Lancaster	1,855	2,020	2,320	2,610	1,663	10,468
Lawrence	56	76	92	65	72	361
Lebanon	390	415	413	519	296	2,033
Lehigh	2,787	2,597	3,534	4,136	3,000	16,054
Luzerne	507	653	617	676	408	2,861
Lycoming	1,125	1,357	1,383	1,371	827	6,063
McKean	86	93	125	167	135	606
Mercer	255	300	262	293	180	1,290
Mifflin	210	180	138	206	120	854
Monroe	355	469	282	476	414	1,996
Montgomery	1,589	1,846	2,041	2,309	1,641	9,426
Montour	222	181	147	105	125	780
Northampton	1,971	2,099	2,117	2,383	1,442	10,012
Northumberland	775	752	733	659	232	3,151
Perry	61	60	44	56	27	248
Philadelphia	36,323	36,539	39,294	40,481	25,172	177,809
Pike	69	156	138	109	103	575
Potter	22	11	11	22	4	70
Schuylkill	885	967	939	839	504	4,134
Snyder	124	132	85	108	80	529
Somerset	125	136	158	168	106	693
Sullivan	3	4	2	3	8	20
Susquehanna	16	37	38	29	12	132
Tioga	129	161	108	155	113	666
Union	324	239	231	220	159	1,173
Venango	314	209	229	278	110	1,140
Warren	130	111	136	185	100	662
Washington	294	445	484	457	225	1,905
Wayne	81	119	93	103	51	447
Westmoreland	529	743	816	984	521	3,593
Wyoming	32	53	67	61	46	259
York	1,561	1,520	1,654	1,806	1,464	8,005
Unknown	512	527	415	621	518	2,593
Out of State	1,256	1,798	1,051	1,248	916	6,269
TOTALS	80,926	89,105	97,582	105,208	66,088	438,909
#POSITIVES	1,144	1,148	1,123	1,086	704	5,205
PERCENTAGE	1.4%	1.3%	1.2%	1.0%	1.0%	1.2%

* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

** A visit consists of a client meeting face to face with a counselor for counseling only, or counseling and testing.

In 2005 approximately 74% of clients counseled consented to testing.

*** Records scanned to date of this report, January 13, 2006.

TABLE 20A
 PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA
 NUMBER OF VISITS BY AGE, RACE/ETHNICITY AND SEX
 2004*

AGE GROUP	WHITE NON-HISPANIC		BLACK NON-HISPANIC		HISPANIC		ASIAN/PACIFIC ISLANDS		AM INDIAN/ALASKAN NATIVE		OTHER/UNDETERMINED		TOTAL	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
< 5	6	6	18	16	9	3	0	1	0	0	1	1	34	27
5-12	27	19	21	32	12	15	0	2	0	0	4	0	64	68
13-19	3,074	3,928	2,693	3,707	1,203	1,368	57	108	11	18	96	146	7,134	9,275
20-29	10,930	9,712	6,747	6,513	3,532	2,649	272	503	22	21	292	359	21,795	19,757
30-39	4,943	3,418	4,922	3,854	2,351	1,535	153	187	13	19	132	99	12,514	9,112
40-49	4,050	2,606	4,844	3,014	1,420	826	47	57	16	13	50	36	10,427	6,552
>= 50	1,967	864	2,334	1,077	580	339	29	21	5	6	31	16	4,946	2,323
Unknown	3	2	0	0	1	0	0	0	0	0	0	0	4	2
Not specified	101	81	86	81	23	15	1	4	0	0	4	4	215	185
TOTAL	25,101	20,636	21,665	18,294	9,131	6,750	559	883	67	77	610	661	57,133	47,301

Note: 774 records were incomplete, these are not included in this table.

* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

TABLE 20B
 PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA
 NUMBER OF VISITS BY AGE, RACE/ETHNICITY AND SEX
 2005*

AGE GROUP	WHITE NON-HISPANIC		BLACK NON-HISPANIC		HISPANIC		ASIAN/PACIFIC ISLANDS		AM INDIAN/ALASKAN NATIVE		OTHER/UNDETERMINED		TOTAL	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
< 5	3	0	13	6	4	0	0	0	0	0	0	0	20	6
5-12	4	8	12	19	5	9	2	0	0	0	0	0	23	36
13-19	1,819	2,520	1,904	2,581	774	730	35	81	7	4	86	84	4,625	6,000
20-29	7,363	6,409	4,558	4,347	2,030	1,449	208	362	22	11	230	199	14,411	12,777
30-39	2,889	1,889	2,890	2,283	1,455	870	125	153	9	3	111	68	7,479	5,266
40-49	2,375	1,484	2,868	1,736	855	497	38	38	6	4	37	22	6,179	3,781
>= 50	1,225	501	1,526	646	323	189	21	23	3	3	22	14	3,120	1,376
Unknown	3	1	0	1	0	0	0	0	0	0	0	0	3	2
Not specified	69	57	54	53	23	15	1	4	0	0	4	4	151	133
TOTAL	15,750	12,869	13,825	11,672	5,469	3,759	430	661	47	25	490	391	36,011	29,377

Note: 700 records were incomplete, these are not included in this table.

* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

TABLE 21A
 PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA
 NUMBER OF VISITS BY SELF-ACKNOWLEDGED RISK EXPOSURE GROUP
 2004*

RISK EXPOSURE GROUPS	NUMBER OF VISITS
MSM Injecting Drug User	575
MSM	6,377
Heterosexual Injecting Drug User	13,245
Sex Partner at Risk**	20,423
Child of Woman with HIV/AIDS	27
STD Diagnosis	10,980
Sex for Drugs or Money	1,247
Sex while Using Non-Injecting Drugs	11,310
Hemophilia/Blood Recipient	218
Victim of Sexual Assault	512
Health Care Exposure	536
No Acknowledged Risk	4,799
Heterosexual/No Other Risk	32,477
Other	1,116
Not Specified	1,366
Total	105,208

****SEX PARTNER AT RISK**

Female Sex Partner of MSM	605
Sex Partner of Person with HIV/AIDS	1,255
Sex Partner of Injecting Drug User	2,061
Sex Partner of Person with Other HIV/AIDS Risk	16,502
Total	20,423

* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

TABLE 21B
 PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA
 NUMBER OF VISITS BY SELF-ACKNOWLEDGED RISK EXPOSURE GROUP
 2005*

RISK EXPOSURE GROUPS	NUMBER OF VISITS
MSM Injecting Drug User	345
MSM	4,319
Heterosexual Injecting Drug User	6,273
Sex Partner at Risk**	12,795
Child of Woman with HIV/AIDS	10
STD Diagnosis	7,136
Sex for Drugs or Money	654
Sex while Using Non-Injecting Drugs	6,500
Hemophilia/Blood Recipient	137
Victim of Sexual Assault	362
Health Care Exposure	358
No Acknowledged Risk	3,463
Heterosexual/No Other Risk	22,252
Other	782
Not Specified	702
Total	66,088

****SEX PARTNER AT RISK**

Female Sex Partner of MSM	374
Sex Partner of Person with HIV/AIDS	812
Sex Partner of Injecting Drug User	1,460
Sex Partner of Person with Other HIV/AIDS Risk	10,149
Total	12,795

* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

LIMITATIONS OF HIV COUNSELING AND TESTING DATA FROM PUBLICLY SUPPORTED SITES

The counseling and testing (C/T) data in this report represent visits for counseling only/or counseling and testing offered at sites that provide C/T as part of the Pennsylvania Department of Health's HIV Infection Control Program.

When reviewing these data, please consider the following limitations.

C/T data from publicly funded sites represent only a small portion of the individuals who actually receive C/T. A survey done in 1993 by the Centers for Disease Control and Prevention revealed that, nationally, publicly funded sites provide C/T to about one third of all individuals who receive C/T. The other two thirds receive C/T in the private sector, e.g., physicians' offices, hospitals, etc.

Individuals voluntarily present for C/T at publicly funded sites and do not represent any specific population. Their demographic information and test results cannot be used to set seroprevalence levels for any age, sex, race, ethnic or risk group.

At publicly funded sites, individuals are asked to provide personal information and to complete a risk assessment of behaviors that place them at risk for HIV. Verification of this information is not required.

In Pennsylvania, data for 1995 show that approximately 44% of all individuals who receive C/T at publicly funded sites have previously been counseled and tested. Their personal and risk information may, therefore, be included in these data more than once.

At this time in Pennsylvania, C/T data are used to document the provision of HIV prevention services. When combined with other information on where at-risk populations reside, may be helpful in determining where HIV prevention services are needed.

This information was provided by the Division of HIV/AIDS.

For additional information on C/T data, please contact the Bureau of Communicable Diseases, Division of HIV/AIDS at 717-783-0574.