

**HIV/AIDS SURVEILLANCE**

**QUARTERLY**

**SUMMARY**

COMMONWEALTH OF PENNSYLVANIA

SEPTEMBER, 2000

**WE'RE THERE.** DEPARTMENT OF  
**HEALTH**  
*Tom Ridge, Governor*

**For Your Health. For Your Community.**

Robert S. Zimmerman, Jr., M.P.H.  
Secretary of Health

## CONTACT INFORMATION & CONTRIBUTORS

The HIV/AIDS Surveillance Quarterly Summary is prepared by the Bureaus of Epidemiology (HIV/AIDS Epidemiology) and Health Statistics (Statistical Support) , Pennsylvania Department of Health

The following contributions are gratefully acknowledged:

-----  
HIV/AIDS Surveillance

Benjamin Muthambi, M.P.H., Dr.P.H. *Project Director/ State HIV-AIDS Epidemiologist*  
James Lehman, M.S. *Statistical Analyst*  
Alden Small, Ph.D. *Biostatistician Supervisor*

Susan Dussinger, R.N.,C. *Data Acquisition*  
Elizabeth Colon Lehman, R.N. *Epidemiology Program Specialists*  
Grace Varano, A.C.R.N.

Linda Snyder *Data Processing*

-----  
HIV Counseling & Testing Serosurvey

Marjorie Faish, M.P.H. *Program Analyst*  
Thomas DeMelfi *Public Health Program Administrator*

-----  
The HIV/AIDS Surveillance & Epidemiology Section gratefully acknowledges the support of:

Joel Hersh, M.Ed., M.P.A., Director *Bureau of Epidemiology*  
Patricia Potrzebowski, Ph.D., Director *Bureau of Health Statistics*

County/Municipal Health Departments, Physicians and Hospitals reporting AIDS cases, and  
A grant award from the Centers for Disease Control and Prevention.

Requests for reprints, quarterly updates and inquiries may be sent to:

Address: Quarterly Requests  
HIV/AIDS Surveillance & Epidemiology Section  
Bureau-Epidemiology, PA Dept. of Health  
P.O. Box 90  
Harrisburg, PA 17108  
E-Mail: LSnyder@state.pa.us  
Fax: 717-772-6975

The Pennsylvania Department of Health is an equal opportunity provider of grants, contracts, services and employment

Suggested Citation of Data Source: HIV/AIDS Surveillance Quarterly Summary  
Bureaus of Epidemiology & Health Statistics, PA Dept. of Health

Publication Number: HD0234P

# HIV/AIDS Surveillance Quarterly Summary

## Table of Contents

		PAGE
SUMMARY TABLE	PENNSYLVANIA AIDS CASES, UNITED STATES AIDS CASES	4
FIGURE 1	ANNUAL INCIDENCE 1980-1999, 1987 AND 1993 DEFINITIONS BY YEAR OF DIAGNOSIS	5
FIGURE 2	ANNUAL INCIDENCE 1980-1999, CURRENT MORTALITY STATUS BY YEAR OF DIAGNOSIS	6
TABLE 1	ANNUAL INCIDENCE 1980-1999, ADULT/ADOLESCENT AND PEDIATRIC BY YEAR OF DIAGNOSIS	7
TABLE 2	ANNUAL INCIDENCE 1994-1998, SEX AND RACE/ETHNICITY BY YEAR OF DIAGNOSIS	8
TABLE 3	CUMULATIVE CASES 1980-1999, ADULT/ADOLESCENT AND PEDIATRIC; RACE/ETHNICITY BY SEX	9
TABLE 4	ANNUAL INCIDENCE 1994-1998, AGE BY YEAR OF DIAGNOSIS	10
TABLE 5	ANNUAL INCIDENCE 1994-1998, MODE OF TRANSMISSION BY YEAR OF DIAGNOSIS	11
TABLE 6	CUMULATIVE CASES 1980-1999, MODE OF TRANSMISSION BY RACE/ETHNICITY	12
TABLE 7	CUMULATIVE CASES 1980-1999, INFECTED BEFORE AGE 13 BY MODE OF TRANSMISSION	13
TABLE 8	CUMULATIVE CASES 1980-1999, MORTALITY STATUS BY COUNTY OF RESIDENCE	14
TABLE 9	ANNUAL INCIDENCE 1994-1997 BY COUNTY OF RESIDENCE	15
FIGURE 3	ANNUAL INCIDENCE FOR 1997, NUMBER OF NEW CASES IN EACH COUNTY	16
FIGURE 4	ANNUAL INCIDENCE FOR 1997, INCIDENCE RATE (PER 100,000) FOR EACH COUNTY	17
	CHARACTERISTICS OF AIDS CASES FOR 7 GEOGRAPHICAL AREAS	
TABLE 10	CUMULATIVE CASES 1980-1999, THE PHILADELPHIA AIDS CONSORTIUM	18
TABLE 11	CUMULATIVE CASES 1980-1999, AIDSNET	19
TABLE 12	CUMULATIVE CASES 1980-1999, NORTHEASTERN REGIONAL HIV PLANNING COALITION	20
TABLE 13	CUMULATIVE CASES 1980-1999, NORTH CENTRAL DISTRICT AIDS COALITION	21
TABLE 14	CUMULATIVE CASES 1980-1999, SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION	22
TABLE 15	CUMULATIVE CASES 1980-1999, SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION	23
TABLE 16	CUMULATIVE CASES 1980-1999, NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE	24
	PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA	
TABLE 17	NUMBER OF VISITS BY CLIENT'S COUNTY OF RESIDENCE, 1996-2000	26
TABLE 18	NUMBER OF VISITS IN 2000 BY AGE, RACE/ETHNICITY AND SEX	27
TABLE 19	NUMBER OF VISITS IN 2000 BY SELF-ACKNOWLEDGED RISK EXPOSURE GROUP	28

# SUMMARY TABLE

Cases of AIDS (Acquired Immune Deficiency Syndrome)  
Among Pennsylvania Residents

Reported During The Period: January 1, 1980 through September 29, 2000

Bureau of Epidemiology

Bureau of Health Statistics

Pennsylvania Department of Health

<b>PENNSYLVANIA AIDS CASES</b>			
	NUMBER OF CASES	NUMBER DEAD	PERCENT DEAD
TOTAL	23,977	12,750	53
ADULT	23,665	12,612	53
PEDIATRIC	312	138	44

<b>UNITED STATES AIDS CASES</b>			
Reported Through: December 31, 1999 *			
	NUMBER OF CASES	NUMBER DEAD	PERCENT DEAD
TOTAL	733,374	430,441	59
ADULT	724,656	425,357	59
PEDIATRIC	8,718	5,084	58

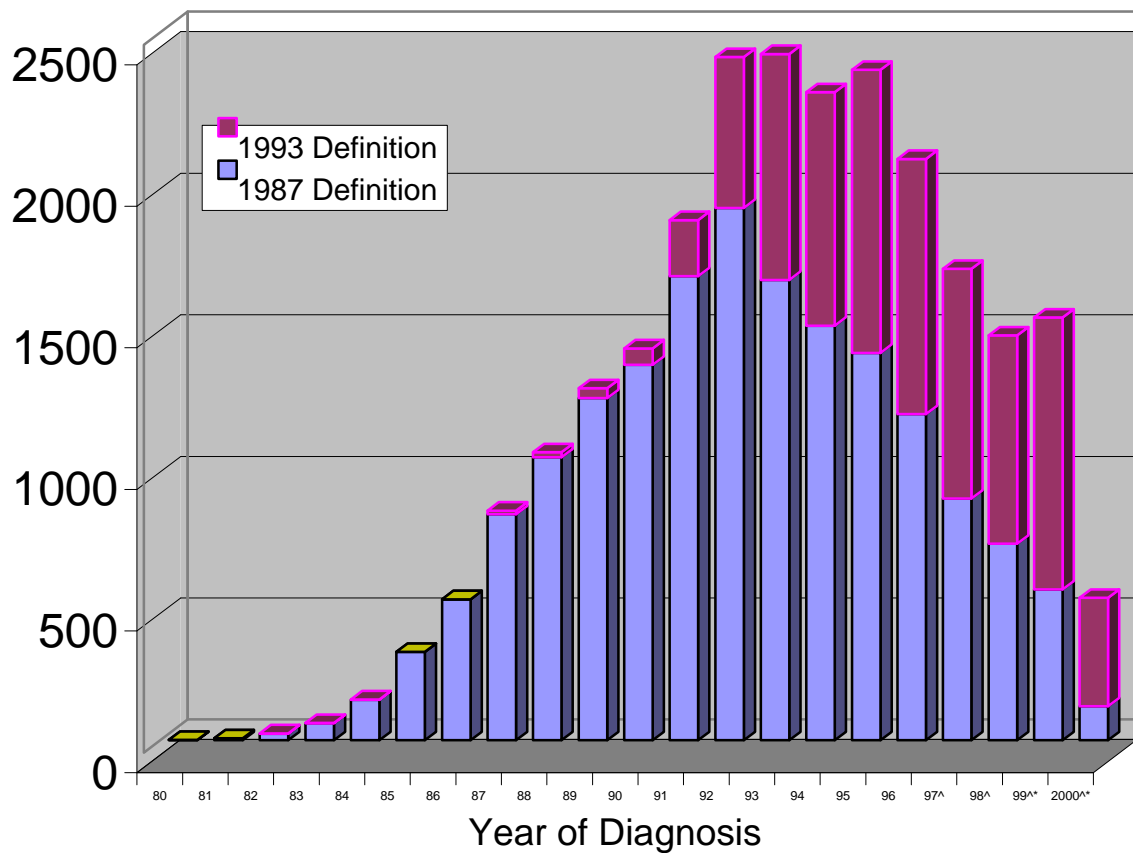
\*Centers for Disease Control and Prevention.  
HIV/AIDS Surveillance Report,  
2000,11(no.2) :[ 31 ]

# Figure 1

## AIDS in Pennsylvania

### Annual Incidence 1980-2000

#### 1987 and 1993 Definitions by Year of Diagnosis



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

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

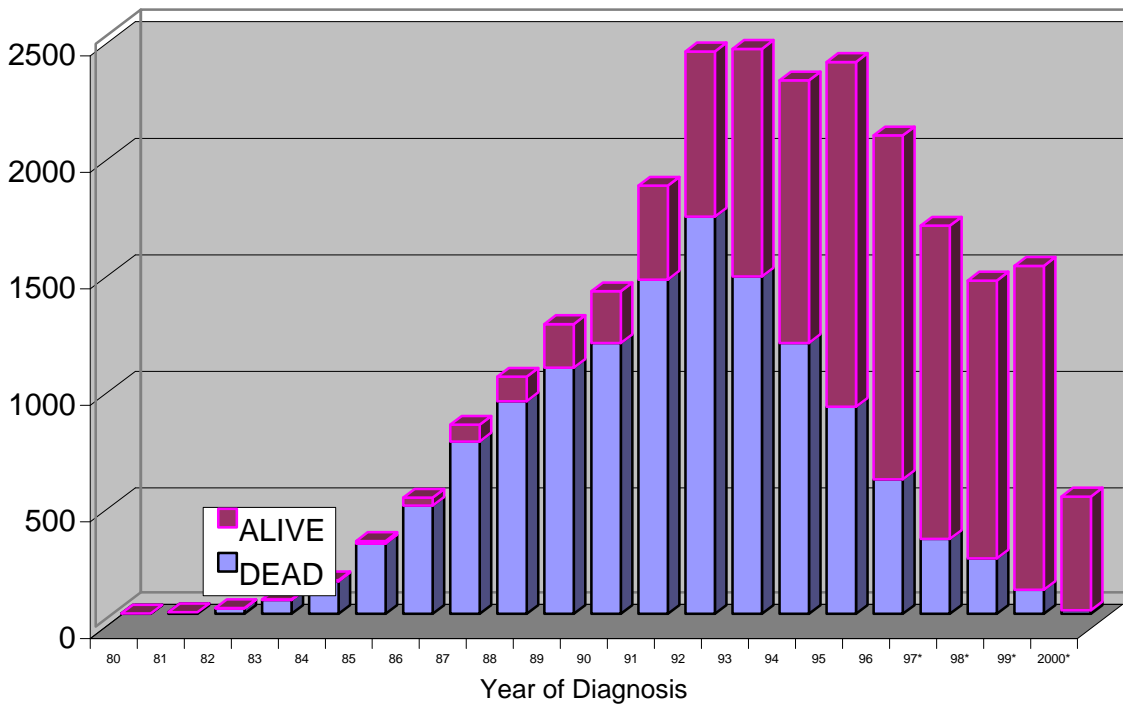
# Figure 2

## AIDS in Pennsylvania

### Annual Incidence 1980-2000

### Current Mortality Status

### by Year of Diagnosis



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

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

**TABLE 1**  
**AIDS IN PENNSYLVANIA**  
**ANNUAL INCIDENCE 1980-2000**  
**ADULT/ADOLESCENT AND PEDIATRIC**  
**BY YEAR OF DIAGNOSIS**

	TOTAL	ADULT/ADOLESCENT	PEDIATRIC
Total	23977	23665	312
80	1	1	0
81	7	6	1
82	24	22	2
83	61	59	2
84	144	142	2
85	312	305	7
86	498	490	8
87	811	799	12
88	1017	1001	16
89	1243	1222	21
90	1384	1362	22
91	1837	1816	21
92	2413	2374	39
93	2424	2382	42
94	2289	2266	23
95	2368	2336	32
96	2053	2031	22
97 <sup>^</sup>	1665	1645	20
98 <sup>^</sup>	1430	1417	13
99 <sup>^*</sup>	1493	1486	7
2000 <sup>^*</sup>	503	503	0

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

## TABLE 2

### AIDS IN PENNSYLVANIA

#### ANNUAL INCIDENCE 1995-1999

#### SEX AND RACE/ETHNICITY BY YEAR OF DIAGNOSIS

	1995		1996		1997 <sup>^</sup>		1998 <sup>^</sup>		1999 <sup>^*</sup>		TOTAL TO DATE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	2,368	100	2,053	100	1,665	100	1,430	100	1,493	100	23,977	100
TOTAL MALE	1,853	78	1,582	77	1,265	76	1,073	75	1,134	76	19,635	82
WHITE (NON-HISPANIC)	672	28	555	27	414	25	352	25	345	23	8,376	35
BLACK (NON-HISPANIC)	957	40	822	40	715	43	600	42	656	44	9,126	38
HISPANIC	217	9	199	10	131	8	115	8	127	9	2,065	9
OTHER	7	0	6	0	5	0	6	0	6	0	67	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL FEMALE	515	22	471	23	400	24	357	25	359	24	4,342	18
WHITE (NON-HISPANIC)	118	5	90	4	78	5	68	5	55	4	1,019	4
BLACK (NON-HISPANIC)	314	13	310	15	255	15	229	16	250	17	2,610	11
HISPANIC	83	4	71	3	66	4	57	4	51	3	694	3
OTHER	0	0	0	0	1	0	3	0	3	0	19	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0

<sup>^</sup>Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

<sup>\*</sup>partially due to reporting delays.

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

# TABLE 3

## AIDS IN PENNSYLVANIA

### CUMULATIVE CASES 1980-2000

#### ADULT/ADOLESCENT AND PEDIATRIC

#### RACE/ETHNICITY BY SEX

	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	19,635		4,342		23,977	
TOTAL ADULT/ADOLESCENT	19,453	100	4,212	100	23,665	100
WHITE (NON-HISPANIC)	8,338	43	998	24	9,336	39
BLACK (NON-HISPANIC)	9,026	46	2,523	60	11,549	49
HISPANIC	2,022	10	674	16	2,696	11
OTHER/UNKNOWN	67	0	17	0	84	0
TOTAL PEDIATRIC	182	100	130	100	312	100
WHITE (NON-HISPANIC)	38	21	21	16	59	19
BLACK (NON-HISPANIC)	100	55	87	67	187	60
HISPANIC	43	24	20	15	63	20
OTHER/UNKNOWN	1	1	2	2	3	1

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

# TABLE 4

## AIDS IN PENNSYLVANIA

### ANNUAL INCIDENCE 1995-1999

### AGE BY YEAR OF DIAGNOSIS

	1995		1996		1997 <sup>^</sup>		1998 <sup>^</sup>		1999 <sup>^*</sup>		TOTAL TO DATE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	2,368	100	2,053	100	1,665	100	1,430	100	1,493	100	23,977	100
0-12	32	1	22	1	20	1	13	1	7	0	312	1
13-19	11	0	6	0	6	0	7	0	4	0	128	1
20-29	355	15	258	13	233	14	168	12	174	12	3,944	16
30-39	1,065	45	878	43	702	42	564	39	570	38	10,473	44
40-49	683	29	651	32	507	30	480	34	494	33	6,514	27
OVER 49	222	9	238	12	197	12	198	14	244	16	2,606	11

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

# TABLE 5

## AIDS IN PENNSYLVANIA

### ANNUAL INCIDENCE 1995-1999

### MODE OF TRANSMISSION BY YEAR OF DIAGNOSIS

	1995		1996		1997 <sup>^</sup>		1998 <sup>^</sup>		1999 <sup>^*</sup>		TOTAL TO DATE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL MODES	2,368	100	2,053	100	1,665	100	1,430	100	1,493	100	23,977	100
MEN SEX W/MEN (MSM)	826	35	680	33	525	32	402	28	429	29	10,254	43
INJECTING DRUG USE (IDU)	960	41	862	42	696	42	584	41	573	38	8,051	34
MSM & IDU	154	7	98	5	74	4	73	5	39	3	1,408	6
COAGULATION DISORDER	12	1	5	0	6	0	5	0	1	0	233	1
HETEROSEXUAL CONTACT	314	13	307	15	283	17	305	21	392	26	2,871	12
TRANSFUSION RECEIVED	12	1	12	1	3	0	3	0	2	0	262	1
UNDETERMINED/ OTHER**	55	2	65	3	56	3	45	3	50	3	563	2
ALL PEDIATRIC MODES***	35	1	24	1	22	1	13	1	7	0	335	1

<sup>^</sup>Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

\*partially due to reporting delays.

\*\*561 cases remain under investigation; 2 are confirmed occupational exposure.

\*\*\* There are 23 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

# TABLE 6

## AIDS IN PENNSYLVANIA

### CUMULATIVE CASES 1980-2000

### MODE OF TRANSMISSION

### BY RACE/ETHNICITY

	WHITE NON-HISPANIC		BLACK NON-HISPANIC		HISPANIC		OTHER/UNKNOWN		ALL RACES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL MODES	9,395	100	11,736	100	2,759	100	87	100	23,977	100
MEN SEX W/MEN (MSM)	6,037	64	3,774	32	397	14	46	53	10,254	43
INJECTING DRUG USE (IDU)	1,578	17	4,880	42	1,582	57	11	13	8,051	34
MSM & IDU	495	5	766	7	146	5	1	1	1,408	6
COAGULATION DISORDER	215	2	13	0	5	0	0	0	233	1
HETEROSEXUAL CONTACT	617	7	1,746	15	493	18	15	17	2,871	12
TRANSFUSION RECEIVED	191	2	56	0	9	0	6	7	262	1
UNDETERMINED/ OTHER**	184	2	311	3	63	2	5	6	563	2
ALL PEDIATRIC MODES***	78	1	190	2	64	2	3	3	335	1

\*\*561 cases remain under investigation; 2 are confirmed occupational exposure.

\*\*\* There are 23 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

# TABLE 7

## AIDS IN PENNSYLVANIA

### CUMULATIVE CASES 1980-2000

### INFECTED BEFORE AGE 13\*

### BY MODE OF TRANSMISSION

MODE OF TRANSMISSION	NUMBER	PERCENT
ALL PEDIATRIC MODES	335	100
COAGULATION DISORDER	21	6
MOTHER WITH HIV	292	87
(Mother's Mode)		
INJECT DRUGS(IDU)	120	
SEX W/IDU	66	
SEX W/BISEXUAL	9	
SEX W/COAGULATION DIS	4	
SEX W/TRANSFUSION REC	2	
SEX W/HIV INFECTED	40	
TRANSFUSION REC	3	
HIV (NO MODE SPEC)	48	
TRANSFUSION RECEIVED	9	3
UNDETERMINED/OTHER	13	4

\* Includes 23 cases which were diagnosed with AIDS when 13 years old or older.

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

**TABLE 8  
AIDS IN PENNSYLVANIA  
CUMULATIVE CASES 1980-2000  
MORTALITY STATUS BY COUNTY OF RESIDENCE**

COUNTY	PRESUMED	REPORTED	CUMULATIVE
	ALIVE	DEAD	CASES
PENNSYLVANIA	10,963	12,303	23,266
PHILADELPHIA	6,771	6,550	13,321
ALLEGHENY	660	1,193	1,853
DELAWARE	389	626	1,015
DAUPHIN	298	359	657
MONTGOMERY	229	417	646
BUCKS	237	351	588
LANCASTER	245	324	569
BERKS	262	304	566
LEHIGH	272	242	514
YORK	196	242	438
CHESTER	140	238	378
NORTHAMPTON	111	158	269
CUMBERLAND	133	100	233
ERIE	113	109	222
LUZERNE	85	135	220
LYCOMING	93	91	184
WESTMORELAND	59	115	174
LACKAWANNA	60	95	155
MONROE	55	93	148
CAMBRIA	61	46	107
LEBANON	44	58	102
SCHUYLKILL	61	40	101
WASHINGTON	29	63	92
CENTRE	48	41	89
BEAVER	30	56	86
NORTHUMBERLAND	42	38	80
WAYNE	44	36	80
FRANKLIN	30	43	73
UNION	49	22	71
SOMERSET	44	19	63
BLAIR	22	39	61
HUNTINGDON	39	17	56
BUTLER	12	43	55

COUNTY	PRESUMED	REPORTED	CUMULATIVE
	ALIVE	DEAD	CASES
FAYETTE	17	35	52
MERCER	20	32	52
CRAWFORD	15	27	42
LAWRENCE	13	29	42
ADAMS	10	31	41
CLEARFIELD	24	14	38
ARMSTRONG	13	21	34
PIKE	9	22	31
COLUMBIA	17	13	30
MCKEAN	14	15	29
VENANGO	6	23	29
BRADFORD	10	18	28
INDIANA	9	18	27
CARBON	8	14	22
GREENE	11	11	22
PERRY	8	13	21
MIFFLIN	8	12	20
TIOGA	3	14	17
SNYDER	8	8	16
SUSQUEHANNA	5	11	16
BEDFORD	6	9	15
WYOMING	6	8	14
WARREN	5	8	13
JEFFERSON	3	9	12
MONTOUR	5	5	10
JUNIATA	2	5	7
POTTER	2	5	7
CLARION	1	5	6
CLINTON	0	5	5
ELK	2	3	5
SULLIVAN	2	3	5
FULTON	2	1	3
CAMERON	0	0	0
FOREST	0	0	0

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

**TABLE 9  
AIDS IN PENNSYLVANIA  
ANNUAL INCIDENCE 1995-1998  
BY COUNTY OF RESIDENCE**

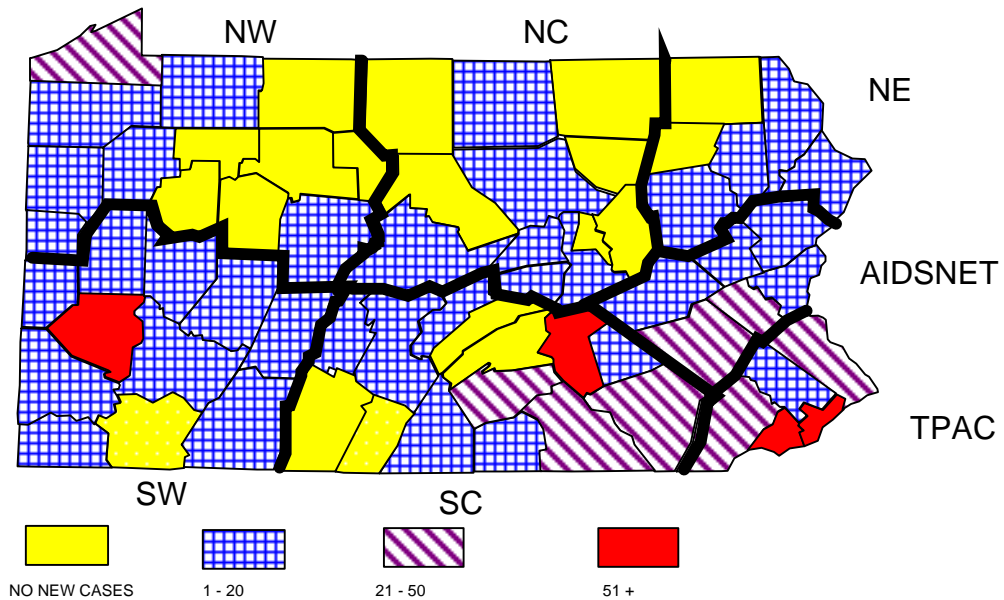
COUNTY	1995	1996	1997 <sup>^</sup>	1998 <sup>^</sup>	1998 INCIDENCE PER 100,000**
ADAMS	1	5	2	1	1.16
ALLEGHENY	179	150	105	86	6.78
ARMSTRONG	2	5	0	1	1.37
BEAVER	4	2	8	2	1.08
BEDFORD	1	1	0	0	0.00
BERKS	60	51	46	29	8.15
BLAIR	5	7	5	1	0.77
BRADFORD	1	3	0	0	0.00
BUCKS	47	47	29	31	5.27
BUTLER	7	2	3	3	1.76
CAMBRIA	8	7	10	9	5.77
CAMERON	0	0	0	0	0.00
CARBON	0	1	2	1	1.70
CENTRE	10	8	5	5	3.77
CHESTER	32	20	24	27	6.40
CLARION	0	0	0	0	0.00
CLEARFIELD	3	8	2	5	6.19
CLINTON	0	0	0	0	0.00
COLUMBIA	4	4	1	0	0.00
CRAWFORD	3	3	3	4	4.47
CUMBERLAND	29	25	25	27	12.94
DAUPHIN	66	53	41	56	22.80
DELAWARE	101	91	71	73	13.45
ELK	0	0	1	0	0.00
ERIE	23	31	21	21	7.60
FAYETTE	3	5	3	0	0.00
FOREST	0	0	0	0	0.00
FRANKLIN	7	6	5	5	3.91
FULTON	1	1	1	0	0.00
GREENE	2	6	0	1	2.45
HUNTINGDON	13	4	3	3	6.73
INDIANA	2	1	2	2	2.26
JEFFERSON	0	2	1	0	0.00
JUNIATA	1	0	1	0	0.00
LACKAWANNA	13	13	10	9	4.32
LANCASTER	55	45	36	33	7.23
LAWRENCE	5	2	4	1	1.05
LEBANON	6	8	10	6	5.11
LEHIGH	79	42	46	22	7.35
LUZERNE	24	19	14	12	3.82
LYCOMING	18	29	8	11	9.38
MCKEAN	5	1	2	0	0.00
MERCER	5	2	2	1	0.82
MIFFLIN	4	1	2	1	2.13
MONROE	11	9	4	7	5.57
MONTGOMERY	57	32	34	19	2.64
MONTOUR	1	1	0	0	0.00
NORTHAMPTON	30	22	12	14	5.41
NORTHUMBERLAND	11	5	9	5	5.32
PERRY	2	1	3	0	0.00
PHILADELPHIA	1,292	1,158	981	824	57.37
PIKE	2	2	1	1	2.49
POTTER	0	0	0	0	0.00
SCHUYLKILL	19	11	7	4	2.70
SNYDER	0	2	0	1	2.62
SOMERSET	10	9	7	6	7.48
SULLIVAN	1	0	0	0	0.00
SUSQUEHANNA	1	1	1	0	0.00
TIOGA	1	1	0	1	2.40
UNION	11	6	4	10	24.45
VENANGO	4	1	1	1	1.73
WARREN	2	2	0	2	4.55
WASHINGTON	6	13	4	1	0.49
WAYNE	8	6	8	4	8.84
WESTMORELAND	19	14	5	8	2.15
WYOMING	1	2	0	0	0.00
YORK	50	44	30	33	8.84
STATE TOTAL	2,368	2,053	1,665	1,430	11.92

<sup>^</sup>Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy.

\*\* Rates based on estimated 1998 population.

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

# FIGURE 3 AIDS IN PENNSYLVANIA ANNUAL INCIDENCE FOR 1998 NUMBER OF NEW CASES IN EACH COUNTY



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

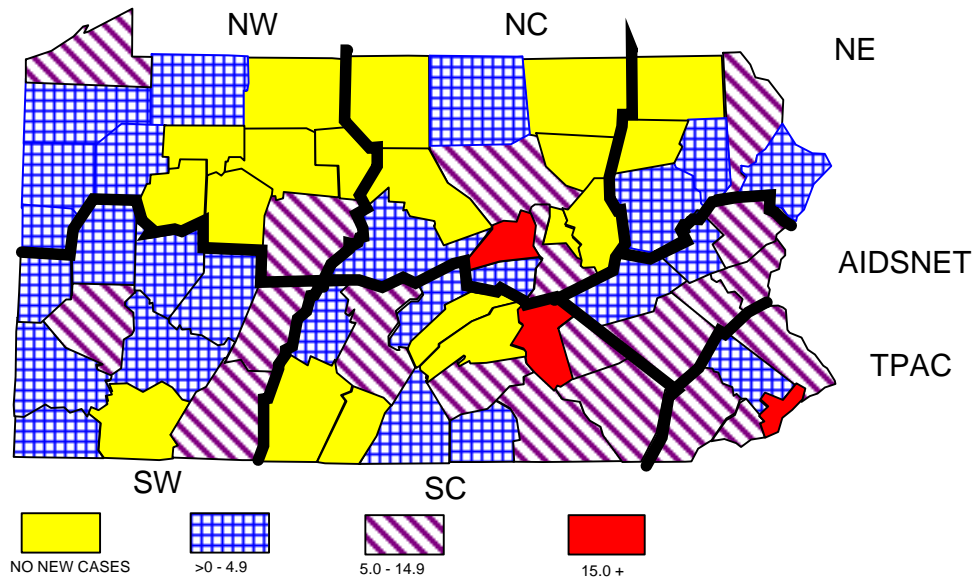
HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

# FIGURE 4

## AIDS IN PENNSYLVANIA

### ANNUAL INCIDENCE FOR 1998

#### INCIDENCE RATE\* (PER 100,000) FOR EACH COUNTY



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

\*Incidence rates based on 1998 population estimates.

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

**TABLE 10**  
**AIDS IN PENNSYLVANIA**  
**CUMULATIVE CASES 1980-2000**  
**THE PHILADELPHIA AIDS CONSORTIUM**  
BUCKS, DELAWARE, CHESTER, MONTGOMERY, PHILADELPHIA COUNTIES

		NUMBER	PERCENT
	TOTAL	15,948	100
SEX	MALE	13,004	82
	FEMALE	2,944	18
RACE/ETHNIC	WHITE(NON-HISP)	4,748	30
	BLACK(NON-HISP)	9,617	60
	HISPANIC	1,526	10
	OTHER/UNKNOWN	57	0
AGE (YEARS)	0-12 (PEDIATRIC)	221	1
	13-19	73	0
	20-29	2,642	17
	30-39	6,780	43
	40-49	4,401	28
	OVER 49	1,831	11
MODE OF TRANS	MEN SEX W/MEN (MSM)	6,621	42
	INJECTING DRUG(IDU)	5,605	35
	MSM & IDU	906	6
	COAGULATION DIS	55	0
	HETEROSEXUAL CONTACT	2,067	13
	TRANSFUSION	131	1
	UNDETERMINED/OTHER	334	2
	ALL PEDIATRIC***	229	1

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

# TABLE 11 AIDS IN PENNSYLVANIA CUMULATIVE CASES 1980-2000 AIDSNET

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

		NUMBER	PERCENT
	TOTAL	1,620	100
SEX	MALE	1,231	76
	FEMALE	389	24
RACE/ETHNIC	WHITE(NON-HISP)	737	45
	BLACK(NON-HISP)	278	17
	HISPANIC	602	37
	OTHER/UNKNOWN	3	0
AGE (YEARS)	0-12 (PEDIATRIC)	22	1
	13-19	13	1
	20-29	249	15
	30-39	794	49
	40-49	424	26
	OVER 49	118	7
MODE OF TRANS	MEN SEX W/MEN (MSM)	496	31
	INJECTING DRUG(IDU)	671	41
	MSM & IDU	64	4
	COAGULATION DIS	29	2
	HETEROSEXUAL CONTACT	246	15
	TRANSFUSION	18	1
	UNDETERMINED/OTHER	72	4
	ALL PEDIATRIC***	24	1

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

**TABLE 12**  
**AIDS IN PENNSYLVANIA**  
**CUMULATIVE CASES 1980-2000**  
**NORTHEASTERN REGIONAL HIV PLANNING COALITION**  
 LACKAWANNA, LUZERNE, PIKE, SUSQUEHANNA, WAYNE, WYOMING COUNTIES

		NUMBER	PERCENT
	TOTAL	516	100
SEX	MALE	449	87
	FEMALE	67	13
RACE/ETHNIC	WHITE(NON-HISP)	361	70
	BLACK(NON-HISP)	97	19
	HISPANIC	57	11
	OTHER/UNKNOWN	1	0
AGE (YEARS)	0-12 (PEDIATRIC)	8	2
	13-19	5	1
	20-29	75	15
	30-39	238	46
	40-49	141	27
	OVER 49	49	9
MODE OF TRANS	MEN SEX W/MEN (MSM)	205	40
	INJECTING DRUG(IDU)	198	38
	MSM & IDU	41	8
	COAGULATION DIS	12	2
	HETEROSEXUAL CONTACT	35	7
	TRANSFUSION	7	1
	UNDETERMINED/OTHER	8	2
	ALL PEDIATRIC***	10	2

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
 Data Support - Bureau of Health Statistics  
 Pennsylvania Department of Health

# TABLE 13

## AIDS IN PENNSYLVANIA

### CUMULATIVE CASES 1980-2000

#### NORTH CENTRAL DISTRICT AIDS COALITION

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

		NUMBER	PERCENT
	TOTAL	542	100
SEX	MALE	434	80
	FEMALE	108	20
RACE/ETHNIC	WHITE(NON-HISP)	275	51
	BLACK(NON-HISP)	199	37
	HISPANIC	66	12
	OTHER/UNKNOWN	2	0
AGE (YEARS)	0-12 (PEDIATRIC)	4	1
	13-19	2	0
	20-29	92	17
	30-39	264	49
	40-49	129	24
	OVER 49	51	9
MODE OF TRANS	MEN SEX W/MEN (MSM)	173	32
	INJECTING DRUG(IDU)	249	46
	MSM & IDU	53	10
	COAGULATION DIS	14	3
	HETEROSEXUAL CONTACT	37	7
	TRANSFUSION	6	1
	UNDETERMINED/OTHER	6	1
	ALL PEDIATRIC***	4	1

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

# TABLE 14 AIDS IN PENNSYLVANIA CUMULATIVE CASES 1980-2000

## SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION

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

		NUMBER	PERCENT
	TOTAL	2,296	100
SEX	MALE	1,818	79
	FEMALE	478	21
RACE/ETHNIC	WHITE(NON-HISP)	1,252	55
	BLACK(NON-HISP)	615	27
	HISPANIC	420	18
	OTHER/UNKNOWN	9	0
AGE (YEARS)	0-12 (PEDIATRIC)	37	2
	13-19	21	1
	20-29	378	16
	30-39	1,040	45
	40-49	602	26
	OVER 49	218	9
MODE OF TRANS	MEN SEX W/MEN (MSM)	909	40
	INJECTING DRUG(IDU)	758	33
	MSM & IDU	153	7
	COAGULATION DIS	52	2
	HETEROSEXUAL CONTACT	290	13
	TRANSFUSION	38	2
	UNDETERMINED/OTHER	52	2
	ALL PEDIATRIC***	44	2

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

**TABLE 15**  
**AIDS IN PENNSYLVANIA**  
**CUMULATIVE CASES 1980-2000**  
**SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION**

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

		NUMBER	PERCENT
	TOTAL	2,565	100
SEX	MALE	2,282	89
	FEMALE	283	11
RACE/ETHNIC	WHITE(NON-HISP)	1,669	65
	BLACK(NON-HISP)	831	32
	HISPANIC	55	2
	OTHER/UNKNOWN	10	0
AGE (YEARS)	0-12 (PEDIATRIC)	18	1
	13-19	8	0
	20-29	424	17
	30-39	1,147	45
	40-49	692	27
	OVER 49	276	11
MODE OF TRANS	MEN SEX W/MEN (MSM)	1,611	63
	INJECTING DRUG(IDU)	451	18
	MSM & IDU	159	6
	COAGULATION DIS	55	2
	HETEROSEXUAL CONTACT	144	6
	TRANSFUSION	48	2
	UNDETERMINED/OTHER	78	3
	ALL PEDIATRIC***	19	1

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania Department of Health

**TABLE 16**  
**AIDS IN PENNSYLVANIA**  
**CUMULATIVE CASES 1980-2000**  
**NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE**

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

		NUMBER	PERCENT
	TOTAL	490	100
SEX	MALE	417	85
	FEMALE	73	15
RACE/ETHNIC	WHITE(NON-HISP)	353	72
	BLACK(NON-HISP)	99	20
	HISPANIC	33	7
	OTHER/UNKNOWN	5	1
AGE (YEARS)	0-12 (PEDIATRIC)	2	0
	13-19	6	1
	20-29	84	17
	30-39	210	43
	40-49	125	26
	OVER 49	63	13
MODE OF TRANS	MEN SEX W/MEN (MSM)	239	49
	INJECTING DRUG(IDU)	119	24
	MSM & IDU	32	7
	COAGULATION DIS	16	3
	HETEROSEXUAL CONTACT	52	11
	TRANSFUSION	14	3
	UNDETERMINED/OTHER	13	3
	ALL PEDIATRIC***	5	1

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

HIV/AIDS Surveillance - Bureau of Epidemiology  
Data Support - Bureau of Health Statistics  
Pennsylvania 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 Prevention 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, nationwide, 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 specific age, sex, race, ethnic or risk group.

At publicly funded sites, individuals are asked to provide personal information and to complete a self-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 and, with other information on where at-risk populations reside, may be helpful in determining where additional HIV prevention services are needed.

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

DIVISION OF HIV/AIDS.  
BUREAU OF COMMUNICABLE DISEASES  
PENNSYLVANIA DEPARTMENT OF HEALTH

**TABLE 17**  
**PUBLICLY FUNDED HIV COUNSELING & TESTING**  
**IN PENNSYLVANIA**  
**NUMBER OF VISITS\* BY CLIENT'S COUNTY OF RESIDENCE**  
**1996-2000\*\***

County	1996	1997	1998	1999	2000	TOTAL
Adams	396	340	327	285	107	1,455
Allegheny	8,234	8,206	9,601	10,519	3,520	40,080
Armstrong	197	174	176	155	16	718
Beaver	666	521	485	475	148	2,295
Bedford	157	133	129	115	59	593
Berks	2,578	2,532	2,965	3,486	1,685	13,246
Blair	1,002	830	927	737	495	3,991
Bradford	155	139	148	132	69	643
Bucks	2,288	1,621	1,601	1,458	841	7,809
Butler	514	398	386	388	199	1,885
Cambria	387	373	459	415	304	1,938
Cameron	22	11	14	13	1	61
Carbon	127	106	113	119	50	515
Centre	1,248	1,091	738	675	400	4,152
Chester	827	656	715	705	275	3,178
Clarion	173	110	133	137	99	652
Clearfield	285	291	251	243	95	1,165
Clinton	200	197	253	206	116	972
Columbia	589	533	587	592	246	2,547
Crawford	215	168	202	168	86	839
Cumberland	821	690	756	596	239	3,102
Dauphin	1,317	1,273	1,574	1,845	599	6,608
Delaware	2,077	2,197	2,032	1,862	1,048	9,216
Elk	124	64	59	32	21	300
Erie	1,643	1,614	1,660	1,526	738	7,181
Fayette	441	329	348	339	272	1,729
Forest	3	8	6	9	1	27
Franklin	633	608	622	437	237	2,537
Fulton	62	30	44	28	14	178
Greene	47	39	38	55	25	204
Huntingdon	293	248	207	137	84	969
Indiana	400	331	346	330	229	1,636
Jefferson	73	50	69	49	43	284
Juniata	48	64	31	44	19	206
Lackawanna	487	410	387	360	204	1,848
Lancaster	1,999	1,679	1,825	1,542	839	7,884
Lawrence	205	197	198	173	65	838
Lebanon	573	482	441	411	253	2,160
Lehigh	2,786	2,845	2,618	2,569	1,550	12,368
Luzerne	743	590	536	481	232	2,582
Lycoming	1,225	1,126	1,283	1,225	660	5,519
McKean	111	80	109	62	32	394
Mercer	372	269	312	326	152	1,431
Mifflin	281	229	268	222	153	1,153
Monroe	455	361	427	267	65	1,575
Montgomery	2,654	2,026	2,135	2,080	1,077	9,972
Montour	159	186	255	251	147	998
Northampton	1,713	1,535	1,688	1,767	944	7,647
Northumberland	310	293	293	418	315	1,629
Perry	157	77	115	98	44	491
Philadelphia	32,276	33,503	27,911	20,243	10,938	124,871
Pike	102	66	91	71	40	370
Potter	40	28	36	27	6	137
Schuylkill	716	585	910	987	497	3,695
Snyder	253	173	145	231	130	932
Somerset	195	151	138	167	91	742
Sullivan	35	25	33	39	5	137
Susquehanna	12	12	12	15	8	59
Tioga	181	135	149	132	87	684
Union	315	281	232	258	200	1,286
Venango	245	186	209	299	203	1,142
Warren	102	120	96	93	64	475
Washington	544	474	462	369	176	2,025
Wayne	88	56	84	71	37	336
Westmoreland	1,065	749	686	600	359	3,459
Wyoming	28	17	31	22	13	111
York	2,134	1,771	1,634	1,454	744	7,737
Unknown	389	367	389	356	64	1,565
Out of State	62	63	55	54	450	684
<b>TOTALS</b>	<b>81,254</b>	<b>77,122</b>	<b>74,195</b>	<b>66,052</b>	<b>33,224</b>	<b>331,847</b>
#POSITIVES	1411	1370	1211	849	396	5,237
PERCENTAGE	1.7%	1.8%	1.6%	1.3%	1.2%	1.6%

\* A visit consists of a client meeting face to face with a counselor for counseling only, or counseling and testing.  
 In 1999 approximately 90% of clients counseled consented to testing.

\*\* Records received to date of this report.

Division of HIV/AIDS  
 Bureau of Communicable Diseases  
 Pennsylvania Department of Health

# TABLE 18

## PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA

### NUMBER OF VISITS IN 2000 BY AGE, RACE/ETHNICITY AND SEX

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	4	9	7	5	1	1	0	0	0	0	0	0	12	15
5-12	11	18	12	15	4	9	5	1	0	0	0	1	32	44
13-19	1,340	1,878	782	1,145	324	407	22	52	4	3	19	38	2,491	3,523
20-29	3,377	3,084	1,750	1,769	817	638	104	147	4	5	62	72	6,114	5,715
30-39	2,258	1,458	1,710	1,452	600	399	59	43	8	4	34	20	4,669	3,376
40-49	1,555	971	1,258	776	297	160	13	14	2	2	19	9	3,144	1,932
>= 50	700	284	545	224	108	58	13	10	2	1	7	1	1,375	578
Unknown	8	9	2	1	1	2	0	1	0	0	0	1	11	14
Not specified	8	12	27	32	11	8	0	1	0	0	0	1	46	54
TOTAL	9,261	7,723	6,093	5,419	2,163	1,682	216	269	20	15	141	143	17,894	15,251

79 records were incomplete, these are not included in this table.

Division of HIV/AIDS  
Bureau of Communicable Diseases  
Pennsylvania Department of Health

**TABLE 19**  
**PUBLICLY FUNDED HIV COUNSELING & TESTING**  
**IN PENNSYLVANIA**  
**NUMBER OF VISITS IN 2000**  
**BY SELF-ACKNOWLEDGED RISK EXPOSURE GROUP**

<b>RISK EXPOSURE GROUPS</b>	<b>VISITS</b>
MSM INJECTING DRUG USER	203
MSM	2,333
HETEROSEXUAL INJECTING DRUG USER	3,923
SEX PARTNER AT RISK*	7,719
CHILD OF WOMAN WITH HIV/AIDS	31
STD DIAGNOSIS	2,933
SEX FOR DRUGS OR MONEY	460
SEX WHILE USING NON-INJECTING DRUGS	3,647
HEMOPHILIA/BLOOD RECIPIENT	101
VICTIM OF SEXUAL ASSAULT	243
HEALTH CARE EXPOSURE	250
NO ACKNOWLEDGED RISK	1,816
HETEROSEXUAL/NO OTHER RISK	9,133
OTHER	214
NOT SPECIFIED	218
<b>TOTAL</b>	<b>33,224</b>

**SEX PARTNER AT RISK\***

FEMALE SEX PARTNER OF MSM	303
SEX PARTNER OF PERSON WITH HIV/AIDS	558
SEX PARTNER OF INJECTING DRUG USER	993
SEX PARTNER OF PERSON WITH OTHER HIV/AIDS RISK	5,865
<b>TOTAL</b>	<b>7,719</b>