

AIDS WEEKLY SURVEILLANCE REPORT¹ - UNITED STATES
 AIDS PROGRAM, CENTER FOR INFECTIOUS DISEASES
 CENTERS FOR DISEASE CONTROL
 December 28, 1987

UNITED STATES CASES REPORTED TO CDC

A. TRANSMISSION CATEGORIES²

	MALES		FEMALES		TOTAL	
	Since Jan 1 number (%)	Cumulative number (%)	Since Jan 1 number (%)	Cumulative number (%)	Since Jan 1 number (%)	Cumulative number (%)
ADULTS/ADOLESCENTS						
Homosexual or bisexual male	12993 (70)	31825 (70)			12993 (64)	31825 (65)
Intravenous (IV) drug abuser	2652 (14)	6596 (15)	784 (48)	1815 (50)	3436 (17)	8411 (17)
Homosexual male and IV drug abuser	1429 (8)	3689 (8)			1429 (7)	3689 (8)
Hemophilia/Coagulation disorder	208 (1)	464 (1)	8 (0)	20 (1)	216 (1)	484 (1)
Heterosexual cases ³	330 (2)	906 (2)	485 (30)	1058 (29)	815 (4)	1964 (4)
Transfusion, blood/components	395 (2)	737 (2)	202 (12)	387 (11)	597 (3)	1124 (2)
Undetermined ⁴	667 (4)	1188 (3)	150 (9)	321 (9)	817 (4)	1509 (3)
SUBTOTAL [% of all cases]	18674 [92]	45405 [93]	1629 [8]	3601 [7]	20303 [100]	49006 [100]
CHILDREN⁵						
Hemophilia/Coagulation disorder	16 (10)	37 (9)	1 (1)	3 (1)	17 (5)	40 (5)
Parent with or at risk of AIDS ⁶	117 (71)	285 (72)	119 (78)	281 (83)	236 (74)	566 (77)
Transfusion, blood/components	22 (13)	57 (14)	20 (13)	40 (12)	42 (13)	97 (13)
Undetermined ⁴	10 (6)	18 (5)	12 (8)	16 (5)	22 (7)	34 (5)
SUBTOTAL [% of all cases]	165 [52]	397 [54]	152 [48]	340 [46]	317 [100]	737 [100]
TOTAL [% of all cases]	18839 [91]	45802 [92]	1781 [9]	3941 [8]	20620 [100]	49743⁷ [100]

B. TRANSMISSION CATEGORIES BY RACIAL/ETHNIC GROUP

	WHITE, NOT HISPANIC		BLACK, NOT HISPANIC		HISPANIC		OTHER/ UNKNOWN		TOTAL	
	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)	Cumulative number (%)
ADULTS/ADOLESCENTS										
Homosexual or bisexual male	23552 (79)	4756 (39)	3203 (48)	314 (69)	31825 (65)					
Intravenous (IV) drug abuser	1672 (6)	4303 (36)	2394 (36)	42 (9)	8411 (17)					
Homosexual male and IV drug abuser	2351 (8)	868 (7)	447 (7)	23 (5)	3689 (8)					
Hemophilia/Coagulation disorder	411 (1)	29 (0)	33 (0)	11 (2)	484 (1)					
Heterosexual cases ³	321 (1)	1386 (11)	249 (4)	8 (2)	1964 (4)					
Transfusion, blood/components	853 (3)	164 (1)	77 (1)	30 (7)	1124 (2)					
Undetermined ⁴	595 (2)	603 (5)	286 (4)	25 (6)	1509 (3)					
SUBTOTAL [% of all cases]	29755 [61]	12109 [25]	6689 [14]	453 [1]	49006 [100]					
CHILDREN⁵										
Hemophilia/Coagulation disorder	27 (17)	6 (2)	6 (3)	1 (20)	40 (5)					
Parent with or at risk of AIDS ⁶	68 (43)	352 (88)	142 (81)	4 (80)	566 (77)					
Transfusion, blood/components	52 (33)	25 (6)	20 (11)		97 (13)					
Undetermined ⁴	11 (7)	16 (4)	7 (4)		34 (5)					
SUBTOTAL [% of all cases]	158 [21]	399 [54]	175 [24]	5 [1]	737 [100]					
TOTAL [% of all cases]	29913 [60]	12508 [25]	6864 [14]	458 [1]	49743⁷ [100]					

¹ These data are provisional.

² Cases with more than one risk factor other than the combinations listed in the tables or footnotes are tabulated only in the category listed first.

³ Includes 1107 persons (243 men, 864 women) who have had heterosexual contact with a person with AIDS or at risk for AIDS and 857 persons (663 men, 194 women) without other identified risks who were born in countries in which heterosexual transmission is believed to play a major role although precise means of transmission have not yet been fully defined.

⁴ Includes patients on whom risk information is incomplete (due to death, refusal to be interviewed, or loss to follow-up), patients still under investigation, men reported only to have had heterosexual contact with a prostitute, and interviewed patients for whom no specific risk was identified.

⁵ Includes all patients under 13 years of age at time of diagnosis.

⁶ Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

⁷ Includes 2700 patients who meet only the 1987 revised surveillance definition for AIDS.

⁸ Includes patients whose race/ethnicity is Asian/Pacific Islander (286 persons) and American Indian/Alaskan Native (52 persons).

C. AIDS CASES BY STATE OF RESIDENCE AND DATE OF REPORT TO CDC

STATE OF RESIDENCE	YEAR ENDING DEC 28, 1986		YEAR ENDING DEC 28, 1987		CUMULATIVE TOTAL SINCE JUNE 1981					
	Number	Percent	Number	Percent	Adults/Adolescents		Children		Total	
					Number	Percent	Number	Percent	Number	Percent
New York	3703	(28.1)	4047	(19.5)	12926	(26.4)	245	(33.2)	13171	(26.5)
California	2743	(20.8)	4638	(22.4)	10899	(22.2)	55	(7.5)	10954	(22.0)
Florida	964	(7.3)	1586	(7.6)	3537	(7.2)	86	(11.7)	3623	(7.3)
Texas	941	(7.1)	1680	(8.1)	3435	(7.0)	30	(4.1)	3465	(7.0)
New Jersey	773	(5.9)	1420	(6.8)	3045	(6.2)	98	(13.3)	3143	(6.3)
Illinois	363	(2.8)	603	(2.9)	1304	(2.7)	13	(1.8)	1317	(2.6)
Pennsylvania	302	(2.3)	573	(2.8)	1205	(2.5)	15	(2.0)	1220	(2.5)
Georgia	306	(2.3)	500	(2.4)	1064	(2.2)	14	(1.9)	1078	(2.2)
Massachusetts	281	(2.1)	457	(2.2)	1020	(2.1)	18	(2.4)	1038	(2.1)
District of Columbia	227	(1.7)	445	(2.1)	949	(1.9)	8	(1.1)	957	(1.9)
Maryland	188	(1.4)	459	(2.2)	863	(1.8)	19	(2.6)	882	(1.8)
Washington	173	(1.3)	319	(1.5)	671	(1.4)	4	(0.5)	675	(1.4)
Louisiana	158	(1.2)	337	(1.6)	661	(1.3)	9	(1.2)	670	(1.3)
Ohio	202	(1.5)	279	(1.3)	575	(1.2)	4	(0.5)	579	(1.2)
Connecticut	151	(1.1)	244	(1.2)	554	(1.1)	17	(2.3)	571	(1.1)
Virginia	155	(1.2)	232	(1.1)	553	(1.1)	9	(1.2)	562	(1.1)
Colorado	167	(1.3)	227	(1.1)	519	(1.1)	2	(0.3)	521	(1.0)
Puerto Rico	120	(0.9)	200	(1.0)	478	(1.0)	30	(4.1)	508	(1.0)
Michigan	145	(1.1)	213	(1.0)	454	(0.9)	9	(1.2)	463	(0.9)
Missouri	73	(0.6)	233	(1.1)	388	(0.8)	4	(0.5)	392	(0.8)
Arizona	80	(0.6)	217	(1.0)	372	(0.8)	3	(0.4)	375	(0.8)
North Carolina	81	(0.6)	193	(0.9)	360	(0.7)	4	(0.5)	364	(0.7)
Minnesota	98	(0.7)	130	(0.6)	285	(0.6)	2	(0.3)	287	(0.6)
Oregon	66	(0.5)	160	(0.8)	278	(0.6)	1	(0.1)	279	(0.5)
Indiana	68	(0.5)	110	(0.5)	230	(0.5)	2	(0.3)	232	(0.5)
Alabama	31	(0.2)	144	(0.7)	208	(0.4)	7	(0.9)	215	(0.4)
Oklahoma	42	(0.3)	113	(0.5)	185	(0.4)	4	(0.5)	189	(0.4)
South Carolina	53	(0.4)	78	(0.4)	181	(0.4)	5	(0.7)	186	(0.4)
Hawaii	55	(0.4)	80	(0.4)	181	(0.4)	1	(0.1)	182	(0.4)
Wisconsin	42	(0.3)	96	(0.5)	173	(0.4)	1	(0.1)	174	(0.3)
Tennessee	74	(0.6)	72	(0.3)	172	(0.4)	1	(0.1)	173	(0.3)
Nevada	38	(0.3)	88	(0.4)	153	(0.3)			153	(0.3)
Rhode Island	30	(0.2)	68	(0.3)	117	(0.2)	3	(0.4)	120	(0.2)
Kentucky	30	(0.2)	48	(0.2)	109	(0.2)			109	(0.2)
Kansas	35	(0.3)	48	(0.2)	102	(0.2)	1	(0.1)	103	(0.2)
New Mexico	24	(0.2)	48	(0.2)	90	(0.2)			90	(0.2)
Utah	22	(0.2)	39	(0.2)	87	(0.2)	3	(0.4)	90	(0.2)
Mississippi	28	(0.2)	49	(0.2)	89	(0.2)			89	(0.2)
Arkansas	30	(0.2)	47	(0.2)	87	(0.2)			87	(0.2)
Delaware	22	(0.2)	36	(0.2)	73	(0.1)	2	(0.3)	75	(0.2)
Iowa	20	(0.2)	27	(0.1)	62	(0.1)	1	(0.1)	63	(0.1)
Maine	21	(0.2)	28	(0.1)	58	(0.1)	1	(0.1)	59	(0.1)
New Hampshire	12	(0.1)	34	(0.2)	53	(0.1)	2	(0.3)	55	(0.1)
Nebraska	11	(0.1)	23	(0.1)	44	(0.1)			44	(0.1)
West Virginia	8	(0.1)	21	(0.1)	39	(0.1)	2	(0.3)	41	(0.1)
Alaska	14	(0.1)	14	(0.1)	36	(0.1)			36	(0.1)
Vermont	5	(0.0)	15	(0.1)	24	(0.0)			24	(0.0)
Idaho	3	(0.0)	10	(0.0)	14	(0.0)	2	(0.3)	16	(0.0)
Montana	5	(0.0)	7	(0.0)	13	(0.0)			13	(0.0)
Wyoming	4	(0.0)	3	(0.0)	8	(0.0)			8	(0.0)
Virgin Islands	3	(0.0)			7	(0.0)			7	(0.0)
North Dakota	3	(0.0)	2	(0.0)	6	(0.0)			6	(0.0)
South Dakota	2	(0.0)	2	(0.0)	5	(0.0)			5	(0.0)
Guam			3	(0.0)	4	(0.0)			4	(0.0)
Trust Territory					1	(0.0)			1	(0.0)
TOTAL	13195	(100.0)	20745	(100.0)	49006	(100.0)	737	(100.0)	49743	(100.0)

D. AIDS CASES BY TRANSMISSION CATEGORIES AND DATE OF REPORT TO CDC, TWELVE-MONTH TOTALS

TRANSMISSION CATEGORIES ¹	YEAR ENDING DEC 28, 1986		YEAR ENDING DEC 28, 1987		CUMULATIVE CASES AND DEATHS SINCE JUNE 1981			
	Number	(%)	Number	(%)	Number	(%)	Deaths	(% Cases)
ADULTS/ADOLESCENTS								
Homosexual or bisexual male	8561	(65.8)	13047	(63.9)	31825	(64.9)	17511	(63.8)
Intravenous (IV) drug abuser	2200	(16.9)	3493	(17.1)	8411	(17.2)	4812	(17.5)
Homosexual male and IV drug abuser	972	(7.5)	1438	(7.0)	3689	(7.5)	2152	(7.8)
Hemophilia/Coagulation disorder	134	(1.0)	217	(1.1)	484	(1.0)	285	(1.0)
Heterosexual cases ²	537	(4.1)	817	(4.0)	1964	(4.0)	1094	(4.0)
Transfusion, blood/components	283	(2.2)	598	(2.9)	1124	(2.3)	746	(2.7)
Undetermined ³	315	(2.4)	818	(4.0)	1509	(3.1)	862	(3.1)
SUBTOTAL	13002	(100.0)	20428	(100.0)	49006	(100.0)	27462	(100.0)
CHILDREN⁴								
Hemophilia/Coagulation disorder	11	(5.7)	17	(5.4)	40	(5.4)	26	(5.8)
Parent with or at risk of AIDS ⁵	154	(79.8)	236	(74.4)	566	(76.8)	338	(75.6)
Transfusion, blood/components	24	(12.4)	42	(13.2)	97	(13.2)	65	(14.5)
Undetermined ⁵	4	(2.1)	22	(6.9)	34	(4.6)	18	(4.0)
SUBTOTAL	193	(100.0)	317	(100.0)	737	(100.0)	447	(100.0)
TOTAL	13195		20745		49743		27909	

E. AIDS CASES BY DATE OF DIAGNOSIS AND STANDARD METROPOLITAN STATISTICAL AREA (SMSA) OF RESIDENCE⁶

SMSA OF RESIDENCE	POPULATION ⁷	BEFORE 1984	1984	1985	1986	1987 ⁸	CUMULATIVE TOTAL
New York, NY	9.12	1570	1703	2583	3423	2682	11961
San Francisco, CA	3.25	461	610	944	1347	1071	4433
Los Angeles, CA	7.48	353	450	869	1294	1106	4072
Houston, TX	2.91	107	182	338	567	460	1654
Washington, DC	3.06	79	141	337	436	548	1541
Miami, FL	1.63	179	191	286	394	322	1372
Newark, NJ	1.97	129	139	241	340	471	1320
Chicago, IL	7.10	69	125	229	379	388	1190
Dallas, TX	2.97	34	83	175	332	443	1067
Philadelphia, PA	4.72	58	114	204	304	294	974
Atlanta, GA	2.03	40	71	169	261	265	806
Boston, MA	2.76	58	77	149	211	250	745
San Diego, CA	1.86	30	48	116	212	252	658
Ft Lauderdale, FL	1.02	37	59	131	203	224	654
Jersey City, NJ	0.56	56	58	127	168	179	588
Nassau-Suffolk, NY	2.61	55	66	116	183	135	555
Seattle, WA	1.61	12	54	96	174	190	526
New Orleans, LA	1.19	19	51	95	144	170	479
Baltimore, MD	2.17	27	32	80	131	173	443
Denver, CO	1.62	25	38	81	129	170	443
REST OF U.S.	168.48	783	1403	2728	4382	4966	14262
TOTAL	230.11	4181	5695	10094	15014	14759	49743

¹ Cases with more than one risk factor other than the combinations listed in the tables or footnotes are tabulated only in the category listed first.

² Includes 1107 persons (243 men, 864 women) who have had heterosexual contact with a person with AIDS or at risk for AIDS and 857 persons (663 men, 194 women) without other identified risks who were born in countries in which heterosexual transmission is believed to play a major role although precise means of transmission have not yet been fully defined.

³ Includes patients on whom risk information is incomplete (due to death, refusal to be interviewed, or loss to follow-up), patients still under investigation, men reported only to have had heterosexual contact with a prostitute, and interviewed patients for whom no specific risk was identified.

⁴ Includes all patients under 13 years of age at time of diagnosis.

⁵ Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

This table cumulates cases by DATE OF DIAGNOSIS rather than DATE OF REPORT. Because of this difference, totals may differ from those in other tables and will change with late reports and new data information. Data are provided for the 20 SMSA's currently reporting the largest number of AIDS cases.

⁷ Population of SMSA's in millions as reported in the 1980 CENSUS.

⁸ Cases diagnosed in this calendar year and reported to CDC as of date of this summary.

F. AIDS CASES BY RISK FACTOR COMBINATIONS (ADULTS/ADOLESCENTS)¹

	<u>Number</u>	<u>Percent</u>
<u>AIDS CASES REPORTED TO HAVE A SINGLE RISK FACTOR</u>		
Homosexual/bisexual male	30749	(62.7)
Intravenous (IV) drug abuse	7514	(15.3)
Hemophilia/Coagulation disorder	264	(0.5)
Heterosexual contact ²	1869	(3.8)
Transfusion, blood/components	1124	(2.3)
<u>Undetermined³</u>	<u>1509</u>	<u>(3.1)</u>
SUBTOTAL	43029	(87.8)
<u>AIDS CASES REPORTED TO HAVE MULTIPLE RISK FACTORS</u>		
Homosexual-bi male/Blood transfusion	601	(1.2)
Homosexual-bi male/Heterosexual contact	416	(0.8)
Homosexual-bi male/Heterosexual contact/Blood transfusion	15	(0.0)
Homosexual-bi male/Hemophilia	23	(0.0)
Homosexual-bi male/Hemophilia/Blood transfusion	20	(0.0)
Homosexual-bi male/Hemophilia/Heterosexual contact	1	(0.0)
Homosexual-bi male/IV drug abuse	3443	(7.0)
Homosexual-bi male/IV drug abuse/Blood transfusion	100	(0.2)
Homosexual-bi male/IV drug abuse/Heterosexual contact	124	(0.3)
Homosexual-bi male/IV drug abuse/Heterosexual contact/Blood transfusion	9	(0.0)
Homosexual-bi male/IV drug abuse/Hemophilia	6	(0.0)
Homosexual-bi male/IV drug abuse/Hemophilia/Blood transfusion	6	(0.0)
Homosexual-bi male/IV drug abuse/Hemophilia/Heterosexual contact	1	(0.0)
IV drug abuse/Blood transfusion	248	(0.5)
IV drug abuse/Heterosexual contact	594	(1.2)
IV drug abuse/Heterosexual contact/Blood transfusion	33	(0.1)
IV drug abuse/Hemophilia	9	(0.0)
IV drug abuse/Hemophilia/Blood transfusion	10	(0.0)
IV drug abuse/Hemophilia/Heterosexual contact	2	(0.0)
IV drug abuse/Hemophilia/Heterosexual contact/Blood transfusion	1	(0.0)
Hemophilia/Blood transfusion	215	(0.4)
Hemophilia/Heterosexual contact	1	(0.0)
Hemophilia/Heterosexual contact/Blood transfusion	4	(0.0)
<u>Heterosexual contact/Blood transfusion</u>	<u>95</u>	<u>(0.2)</u>
SUBTOTAL	5977	(12.2)
TOTAL	49006	(100.0)

¹ These data are provisional. Not all risk factors may have been determined or reported for all cases.

² Includes persons who have had heterosexual contact with a person with AIDS or at risk for AIDS and persons without other identified risks who were born in countries in which heterosexual transmission is believed to play a major role although precise means of transmission have not yet been fully defined.

³ Includes patients on whom risk information is incomplete (due to death, refusal to be interviewed, or loss to follow-up), patients still under investigation, men reported only to have had heterosexual contact with a prostitute, and interviewed patients for whom no specific risk was identified.

G. CASES OF AIDS AND CASE-FATALITY RATES BY HALF-YEAR OF DIAGNOSIS, UNITED STATES

		NUMBER OF CASES	NUMBER OF KNOWN DEATHS ¹	CASE-FATALITY RATE
1981	Jan-June	88	82	93%
	July-Dec	182	165	91%
1982	Jan-June	365	320	88%
	July-Dec	649	566	87%
1983	Jan-June	1224	1091	89%
	July-Dec	1598	1368	86%
1984	Jan-June	2468	2010	81%
	July-Dec	3227	2601	81%
1985	Jan-June	4437	3432	77%
	July-Dec	5657	4060	72%
1986	Jan-June	6957	4297	62%
	July-Dec	8057	3718	46%
1987	Jan-June	9096	3035	33%
	July-Dec 28	5663	1100	19%
TOTAL²		49743	27909	56%

REPORTED CASES AND DEATHS BY OPPORTUNISTIC DISEASE CATEGORY

DISEASE CATEGORY REPORTED ³	CASES REPORTED SINCE JANUARY 1/DEATHS		CUMULATIVE CASES/DEATHS	
	Reported cases Number (% Total)	Known deaths ⁴ Number (% Cases)	Reported cases Number (% Total)	Known deaths Number (% Cases)
<i>Pneumocystis carinii</i> pneumonia	12578 (61)	4141 (33)	31456 (63)	17827 (57)
Other opportunistic diseases	6274 (30)	2674 (43)	12734 (26)	7519 (59)
Kaposi's sarcoma	1768 (9)	395 (22)	5553 (11)	2563 (46)
TOTAL	20620 (100)	7210 (35)	49743 (100)	27909 (56)

I. AGE AT DIAGNOSIS BY RACIAL/ETHNIC GROUP	WHITE, NOT HISPANIC		BLACK, NOT HISPANIC		HISPANIC		OTHER ⁵ / UNKNOWN		TOTAL	
	Cumulative Number (%)	Cumulative Number (%)	Cumulative Number (%)	Cumulative Number (%)	Cumulative Number (%)	Cumulative Number (%)	Cumulative Number (%)	Cumulative Number (%)		
Under 5	110 (0)	363 (3)	156 (2)	4 (1)	633 (1)					
5 - 12	48 (0)	36 (0)	19 (0)	1 (0)	104 (0)					
13 - 19	93 (0)	67 (1)	38 (1)	5 (1)	203 (0)					
20 - 29	5722 (19)	3007 (24)	1534 (22)	82 (18)	10345 (21)					
30 - 39	13600 (45)	5989 (48)	3257 (47)	205 (45)	23051 (46)					
40 - 49	6793 (23)	2142 (17)	1325 (19)	112 (24)	10372 (21)					
Over 49	3547 (12)	904 (7)	535 (8)	49 (11)	5035 (10)					
TOTAL [% of all cases]	29913 [60]	12508 [25]	6864 [14]	458 [1]	49743 [100]					

¹ Reporting of deaths is incomplete.
² Table totals include 75 cases diagnosed prior to 1981. Of these 75 cases, 64 are known to have died.
³ Disease categories are ordered hierarchically. Cases with more than one disease are tabulated only in the disease category listed first. Kaposi's sarcoma has been reported in 2783 cases since January 1 and in 9120 cases cumulatively.
⁴ Deaths are only in cases reported to CDC since January 1 of current year.
⁵ Includes patients whose race/ethnicity is Asian/Pacific Islander (286 persons) and American Indian/Alaskan Native (52 persons).

