

Summer Quarterly Report
July 2005

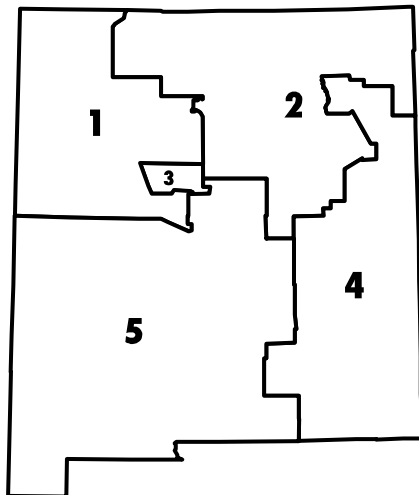
HIV/AIDS in New Mexico
 Cumulative cases since 1981: 4,690

HIV/AIDS by Regions of New Mexico

Regional HIV/AIDS data is essential for local prevention and planning efforts. Only July 1, 2005, the New Mexico Department of Health (NMDOH) re-configured the state into 5 public health regions (Figure 1). These regions reflect each quadrant of the state and Bernalillo County. This report examines the regional distribution of incident, prevalent, and cumulative HIV/AIDS cases diagnosed in New Mexico. Incident cases are defined as newly diagnosed cases of HIV or AIDS, and excludes cases that were previously identified as HIV and have become AIDS. Prevalent cases are those currently known to be living. Cumulative cases are the total cases reported to NMDOH since 1981 for AIDS and 1998 for HIV.

population in Region 1, they have the highest incidence rate (16.9 per 100,000). Cibola County has the highest incidence rate among all Region 1 counties (Table 1), though this may reflect enhanced testing at prison facilities located there.

Figure 1. Public Health Regions, July 2005.



Region 1

This region covers the northwestern quadrant of New Mexico. Region 1 includes a large part of the Navajo Nation, whose Native Americans make up 33% of the region's population. This part of the state has the largest number and proportion of Native Americans with HIV/AIDS. Though Hispanics comprise the third largest

Table 1. HIV/AIDS cases in Region 1 - Northwestern NM.

	Incidence, 2004			
	No.	Rate ¹	Prevalence ²	Cumulative ³
Gender				
Male	24	12.4	237	372
Female	3	1.5	50	62
Race/Ethnicity				
White	4	2.7	113	190
Hispanic	18	16.9	83	120
Native American	5	3.8	74	102
Black	0	0.0	17	21
Asian	0	0.0	0	1
Age at Diagnosis				
<13	0	0.0	0	3
13-19	0	0.0	4	6
20-29	8	15.6	70	91
30-39	10	19.4	120	176
40-49	6	10.0	68	109
50+	3	3.1	17	40
Unknown	0	-	8	9
Mode of Exposure				
MSM	9	-	133	208
IDU	2	-	48	68
MSM/IDU	1	-	25	43
Hetero	2	-	34	41
Other	0	-	2	12
NIR	13	-	37	51
Top 3 Counties				
Sandoval	9	9.1	77	120
Valencia	6	8.7	73	115
Cibola	6	22.6	68	96

¹Rates per 100,000 based on U.S. Census Bureau data for 2003.

²Living cases through June 2005.

³Total cases from 1981-June 2005.

Region 2

The northeastern part of New Mexico, which includes Santa Fe County, is covered in Region 2. Much of this region is considered rural, and has a predominantly Hispanic population (48%). Though Region 2 reports few new HIV/AIDS cases each year, Santa Fe County has always had a disproportionately high number of living cases (Table 2). Santa Fe County has the highest prevalence in the state at 313.8 per 100,000 persons. While incidence across the state has risen since 2001, new cases in Region 2 have remained relatively stable.

Table 2. HIV/AIDS cases in Region 2 - Northeastern NM.

	Incidence, 2004			
	No.	Rate	Prevalence	Cumulative
Gender				
Male	12	8.4	460	805
Female	2	1.4	52	65
Race/Ethnicity				
White	7	6.3	288	534
Hispanic	6	4.3	183	280
Native American	0	0.0	23	30
Black	1	64.2	15	21
Asian	0	0.0	2	4
Age at Diagnosis				
<13	0	0.0	0	1
13-19	1	3.3	7	8
20-29	1	3.1	91	129
30-39	6	15.9	233	391
40-49	3	6.4	135	248
50+	3	3.2	41	87
Unknown	0	-	5	6
Mode of Exposure				
MSM	10	-	354	632
IDU	0	-	34	48
MSM/IDU	0	-	56	89
Hetero	1	-	33	42
Other	0	-	5	13
NIR	3	-	24	39
Top 3 Counties				
Santa Fe	11	8.0	431	716
Colfax	1	7.0	56	91
Rio Arriba	1	2.4	56	76

Region 3

Region 3 is Bernalillo County, which includes Albuquerque, the largest city in the state. Approximately 1/3 of the state's population

resides here. About 41% of all new cases in the state occur in Bernalillo County which has the second highest prevalence rate of 178.1 per 100,000. The distribution of cases in Region 3 is representative of the all HIV/AIDS cases in New Mexico (Table 3). The increasing trend in new HIV/AIDS cases is most recognizable in Region 3, and has been characterized by a larger proportion of cases occurring in younger age groups (20-29 years).

Table 3. HIV/AIDS cases in Region 3 - Bernalillo County

	Incidence, 2004			
	No.	Rate	Prevalence	Cumulative
Gender				
Male	49	17.0	945	1695
Female	11	3.6	106	153
Race/Ethnicity				
White	23	8.3	532	977
Hispanic	32	12.5	410	682
Native American	3	11.5	48	76
Black	2	12.5	56	106
Asian	0	0.0	5	7
Age at Diagnosis				
<13	0	0.0	1	2
13-19	2	3.5	16	16
20-29	18	21.4	261	406
30-39	15	17.8	434	798
40-49	16	17.5	251	455
50+	9	5.4	77	157
Unknown	0	-	11	14
Mode of Exposure				
MSM	25	-	689	1213
IDU	7	-	88	167
MSM/IDU	4	-	109	214
Hetero	5	-	78	105
Other	1	-	8	19
NIR	18	-	64	114

Region 4

The southeastern part of New Mexico is relatively rural compared to much of the rest of the state. Its border with the state of Texas influences cases in Region 4; out-of-state cases often receive services in New Mexico, and vice-versa. Overall, the region reports few new cases each year and has the lowest burden in the state (Table 4). New HIV/AIDS cases that have been reported in recent years have also been seen in younger age groups.

Table 4. HIV/AIDS cases in Region 4 - Southeastern NM.

	Incidence, 2004			
	No.	Rate	Prevalence	Cumulative
Gender				
Male	11	9.0	83	149
Female	2	1.6	23	35
Race/Ethnicity				
White	5	3.8	49	90
Hispanic	7	7.0	44	67
Native American	0	0.0	1	5
Black	1	12.6	11	20
Asian	0	0.0	1	2
Age at Diagnosis				
<13	0	0.0	2	2
13-19	2	6.9	5	5
20-29	3	9.0	20	36
30-39	2	6.9	50	82
40-49	3	8.5	21	43
50+	3	4.2	6	13
Unknown	0	-	2	3
Mode of Exposure				
MSM	2	-	39	73
IDU	1	-	21	38
MSM/IDU	1	-	14	22
Hetero	3	-	13	19
Other	0	-	3	7
NIR	6	-	11	20
Top 3 Counties				
Lea	5	9.0	54	78
Curry	4	8.8	48	77
Chaves	2	3.3	34	59

Region 5

This region includes the city of Las Cruces, the second largest city in New Mexico. Las Cruces lies within the metropolitan area of Ciudad Juárez, Mexico and El Paso, Texas. As a result of these borders, the population in Region 5 is relatively mobile and, often, leads bi-national lives. As much as 52% of the population in Region 5 is Hispanic. The region also has a higher number of new HIV/AIDS cases among Hispanics (Table 5). This part of the state has one of the highest proportions of concurrent diagnoses of HIV and AIDS (see Summer 2004 Quarterly Report). Such cases present with more advanced service needs and may serve as a proxy for targeted HIV/AIDS efforts. As in Region 3, incidence in this part of the state has also been on the rise.

Table 5. HIV/AIDS cases in Region 5 - Southwestern NM.

	Incidence, 2004			
	No.	Rate	Prevalence	Cumulative
Gender				
Male	28	14.9	302	444
Female	3	1.6	57	72
Race/Ethnicity				
White	12	7.4	145	225
Hispanic	18	9.0	183	250
Native American	0	0.0	5	5
Black	1	17.5	24	34
Asian	0	0.0	2	2
Age at Diagnosis				
<13	0	0.0	5	5
13-19	1	2.3	13	13
20-29	10	18.7	104	128
30-39	11	24.1	139	217
40-49	6	11.3	74	103
50+	3	25.2	23	46
Unknown	0	-	1	4
Mode of Exposure				
MSM	13	-	164	253
IDU	2	-	56	73
MSM/IDU	2	-	33	45
Hetero	4	-	30	43
Other	1	-	6	12
NIR	9	-	64	83
Top 3 Counties				
Dona Ana	17	9.3	250	354
Otero	5	8.0	38	55
Torrance	3	17.2	31	36

HIV/AIDS Epidemiology Program Update

New Mexico has a high proportion of HIV/AIDS cases that have been diagnosed out-of-state and are currently residing and/or receiving services in New Mexico. Please note that Quarterly and Special Reports will now include cases from out-of-state in the Fact Sheet on the back page. For the purposes of prevention and services, these data better reflect local prevalence patterns and overall burden.

All HIV or AIDS cases diagnosed or treated in New Mexico must be reported to the HIV/AIDS Epidemiology Program. To report a case, or to inquire about HIV/AIDS reporting and surveillance, please call (505) 476-3515.

HIV/AIDS IN NEW MEXICO FACT SHEET

Cases reported through June 30, 2005

In previous reports, the HIV/AIDS Epidemiology Program summarized only cases diagnosed in New Mexico. Living cases diagnosed in New Mexico are used by the U.S. Centers for Disease Control (CDC) to represent prevalent cases. However, data that include out-of-state diagnoses provide a better reflection of local prevalence patterns and are now the basis of the summary.

All HIV/AIDS Cases	Living Cases			Cumulative Cases		
	<i>Number</i>	<i>% of total</i>	<i>Rate*</i>	<i>Number</i>	<i>% of total</i>	<i>Rate*</i>
HIV/AIDS: Total	2890	100%	152.1	4690	100%	246.9
Type of Case						
HIV	1117	39%	58.8	1200	26%	63.2
AIDS	1773	61%	93.3	3490	74%	183.7
Gender						
Male	2527	87%	270.6	4208	90%	450.7
Female	363	13%	37.6	482	10%	49.9
Race/Ethnicity						
White	1455	50%	174.7	2518	54%	302.3
Hispanic	1041	36%	126.9	1594	34%	194.3
Native American	211	7%	114.8	300	6%	163.3
Black	170	6%	483.9	259	6%	737.2
Asian/Pacific Islander	13	< 1%	46.8	19	< 1%	68.4
County or Region**						
Region 1 (NW)	287	10%	72.9	434	9%	110.2
Region 2 (NE)	512	18%	177.4	870	19%	301.5
Region 3 (Bernalillo)	1051	36%	178.1	1848	39%	313.1
Region 4 (SE)	106	4%	43.1	184	4%	74.8
Region 5 (SW)	359	12%	94.1	516	11%	135.2
Out-of-state	575	20%	-	838	18%	-
Age at First Positive HIV Test						
0-12 years	12	< 1%	3.3	19	< 1%	5.3
13-19 years	52	2%	24.6	55	1%	26.0
20-29 years	698	24%	274.2	1002	21%	393.6
30-39 years	1221	42%	492.1	2035	43%	820.2
40-49 years	675	23%	235.3	1140	24%	397.4
50+ years	202	7%	37.4	395	8%	73.2
Unknown	30	1%	-	44	1%	-
Exposure Category						
Men who have sex w/men (MSM)	1716	59%		2889	62%	
Injection drug users (IDU)	315	11%		485	10%	
MSM / IDU	315	11%		526	11%	
Heterosexual Contact	233	8%		305	7%	
Other Identified Risk	31	1%		81	2%	
No Identified Risk (NIR)	233	8%		356	8%	
Children (<13 at diagnosis)	47	2%		55	1%	

*Rates per 100,000 based on U.S. Census Bureau data for 2003; **Residence at time of diagnosis.

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