



Epi Data Tables

New York City Department of Health and Mental Hygiene

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HIV Viral Load Suppression among HIV-infected Persons Receiving Medical Care in New York City

Data Tables

Table 1. The Medical Monitoring Project (MMP) participant characteristics, overall and by viral suppression status

Data Source

The Medical Monitoring Project (MMP) is an ongoing, national study conducted by the Centers for Disease Control and Prevention designed to understand more about the health behaviors, outcomes, and needs of persons living with HIV/AIDS; NYC is one of 23 sites.

Participants are a sample of HIV-infected adults (ages 18 and older) in care at randomly selected medical facilities that provide HIV care who agree to be interviewed and have their medical records abstracted.

The results presented are from 421 participants in the 2013 MMP cycle. Participants had at least one outpatient care visit at a selected NYC facility between January 1, 2013 and April 30, 2013 and were interviewed 4 to 12 months later about their demographics, clinical care and status, health behaviors, and HIV-related service needs. Medical records were also reviewed to obtain clinical history from the two years preceding the interview date. Only patients with a complete interview, medical record abstraction, and viral load test data are included in these analyses.

To access the related Epi Data Brief, go to nyc.gov/html/doh/downloads/pdf/epi/databrief60.pdf



Table 1. The Medical Monitoring Project (MMP) participant characteristics, overall and by viral suppression status¹

Source: Medical Monitoring Project interview and medical record abstraction data, 2013

Characteristic	Total		Virally suppressed		Virally unsuppressed		P-value ²
	N	%	N	%	N	%	
Gender	421	100	342	100	79	100	0.88
Male	259	61.5	212	62.0	47	59.5	
Female	157	37.3	126	36.8	31	39.2	
Transgender	5	1.2	4	1.2	1	1.3	
Race/ethnicity³	421	100	342	100	79	100	0.18
Non-Hispanic Black	205	48.7	171	50.0	34	43.0	
Hispanic	154	36.6	117	34.2	37	46.8	
Non-Hispanic White	48	11.4	42	12.3	6	7.6	
Other	14	3.3	12	3.5	2	2.5	
Age	421	100	342	100	79	100	0.17
18-29	30	7.1	21	6.1	9	11.4	
30-39	57	13.5	47	13.7	10	12.7	
40-49	101	24.0	78	22.8	23	29.1	
50-59	161	38.2	132	38.6	29	36.7	
≥ 60	72	17.1	64	18.7	8	10.1	
Borough of Residence	421	100	342	100	79	100	0.10
Bronx	126	29.9	93	27.2	33	41.8	
Brooklyn	142	33.7	117	34.2	25	31.7	
Manhattan	72	17.1	64	18.7	8	10.1	
Queens	42	10.0	36	10.5	6	7.6	
Staten Island	5	1.2	5	1.5	0	0.0	
Unknown	34	8.1	27	7.9	7	8.9	
Sexual orientation	416	100	339	100	77	100	0.08
Heterosexual	270	64.9	212	62.5	58	75.3	
Homosexual	118	28.4	104	30.7	14	18.2	
Bisexual	28	6.7	23	6.8	5	6.5	
Antiretroviral therapy (ART) history⁴							
Ever prescribed ART	421	100	342	100	79	100	0.01
Yes	410	97.4	337	98.5	73	92.4	
No	11	2.6	5	1.5	6	7.6	
Taking ART at time of interview	421	100	342	100	79	100	<0.0001
Yes	399	94.8	334	97.7	65	82.3	
No	22	5.2	5	2.3	14	17.7	
Any sex without a condom (past 12 months)	421	100	342	100	79	100	0.97
Yes	90	21.4	73	21.4	17	21.5	
No	331	78.6	269	78.6	62	78.5	
Injection drug use (past 12 months)	419	100	340	100	79	100	1
Yes	4	1.0	4	1.2	0	0.0	
No	415	99.0	336	98.8	79	100	
Non-injection drug use (past 12 months)	419	100	340	100	79	100	0.50
Yes	108	25.8	90	26.5	18	22.8	
No	311	74.2	250	73.5	61	77.2	
Alcohol use (past 12 months)	418	100	339	100	79	100	0.64
Yes	200	48.0	164	48.5	36	45.6	
No	218	52.0	175	51.5	43	54.4	
Alcohol binge use (past 30 days)	419	100.0	340	100	79	100	0.80
Yes	26	6.2	22	6.5	4	5.1	
No	393	93.8	318	93.5	75	94.9	
Homelessness (past 12 months)	421	100	342	100	79	100	0.28
Yes	54	12.8	41	12.0	13	16.5	
No	267	87.2	301	88.0	66	83.5	
CD4 count (cells/mm3)⁵	421	100	342	100	79	100	<0.0001
< 200	37	8.8	21	6.1	16	20.3	
200-499	131	31.1	102	29.8	29	36.7	
≥ 500	210	49.9	190	55.6	20	25.3	
Missing	43	10.2	29	8.5	14	17.7	
Median CD4 count^{5,6}	378	531	313	564	65	352	-

1. Viral suppression, defined as viral load ≤200 copies/mL, is based on most recent viral load during the 24-month period prior to the MMP interview. For N=7 subjects, viral load tests were unavailable on the medical record and self-reported viral load result was used.

2. P-values indicate the difference between virally suppressed and unsuppressed groups within each characteristic category.

3. "Other" race/ethnicity includes non-Hispanic Asian, native Hawaiian or other Pacific Islander, American Indian, Alaska native, and multi-racial persons.

4. Date of interview is different from date of viral load test, therefore timing of ART use and viral suppression status may not correspond.

5. CD4 counts were measured on the same date as the viral load results used to calculate viral suppression status.

6. Among N=378 participants with CD4 count data available.