



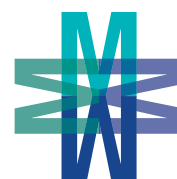
Public Health
Seattle & King County



2015-2017

Washington State & King County Medical Monitoring Project

Community Profile and Statewide Coordinated Statement of Need



MEDICAL MONITORING PROJECT

The Medical Monitoring Project (MMP) is a surveillance project designed to produce locally and nationally representative data on people living with HIV/AIDS who are receiving care in the United States. Washington state is one of 23 jurisdictions that are involved in MMP.

➤➤ Learn more at: www.kingcounty.gov/hiv/mmp

The Medical Monitoring Project (MMP) collects behavioral and clinical data from annual probability samples of HIV-positive adults receiving medical care in 23 areas -- including states, like Washington state, Puerto Rico, and local health jurisdictions. This report includes data from 517 interviews in Washington State conducted between 2015 and 2018. The 517 people interviewed were 43% of the 1,200 people living with HIV (PLWH) randomly selected over the three project years. The tables which follow give numbers of participants (raw or crude data) and percents of participants weighted to be representative of all PLWH, taking into account participation and other factors which may bias the raw data. With the percents are 95% confidence intervals to allow comparisons between groups. Some highlights of the demographics (**Table 1**) include:

- 51% of participants or PLWH were age 50 years and greater
- 57% were of non-Latinx White race
- 16% were born out of the U.S.
- 68% had more than a high school education

In **Table 2** demographics are broken down by federal poverty level (FPL) where striking differences in age, race/ethnicity, and education (as well as many other factors) are seen. For example, overall 34% are below federal poverty, but 62% of youth (18 to 29 years), 57% of Blacks, 50% of foreign-born, and 81% of people with less than a high school education had incomes below the FPL. **Table 3** presents sexual risk factors by viral suppression status: overall 28% did not have sustained viral suppression and 49% of those without suppression acknowledged having condomless sex with an HIV negative or unknown HIV status partner. Other tables give more details of demographics of condom and non-condom users (**Table 4**), or look at needs for ancillary services (**Tables 5a, 5b, 6a, 6b, 7a, 7b, 8a, and 8b**). These tables about service needs can be very useful to identify care gaps for HIV care and prevention planners. **Table 9** illustrates 95% and higher levels of satisfaction with HIV care by selected demographic characteristics. In **Table 10**, receipt of prevention services are summarized including that, in the last year, 52% of PLWH had received free condoms and 51% had received information on HIV prevention. The final table, **Table 11**, shows demographic characteristics of PLWH with and without sustained viral suppression. Key findings include that, in comparison to the overall proportion of 72% of PLWH having sustained viral suppression, the percent with sustained viral suppression was markedly lower for some populations, including:

- 68% for persons age 30-39 years
- 68% for Blacks/African Americans
- 64% for women
- 66% for people with annual incomes less than \$20,000
- 56% for individuals who were homeless
- 51% for people with a recent incarceration
- 53% for people who injected drugs in the past year

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Table 1. Characteristics of adults with diagnosed HIV—Medical Monitoring Project, Washington, 2015-2017.

		n	col % (95% CI)
Overall		517	100
Age at time of interview, in years	18-29	29	6.1 (3.8-8.4)
	30-39	95	16.9 (13.6-20.2)
	40-49	129	25.9 (21.9-29.9)
	≥50	264	51.0 (46.5-55.5)
Race/ethnicity	Non-Hispanic White	303	57.2 (52.7-61.7)
	Non-Hispanic Black/African American	68	13.8 (10.6-17.0)
	Hispanic/Latino†	71	14.5 (11.3-17.7)
	Other	75	14.5 (11.3-17.7)
Country of birth	United States	438	84.0 (80.6-87.5)
	Country outside United States	77	16.0 (12.5-19.4)
English proficiency	Speaks English well	501	96.7 (95.1-98.4)
	Does not speak English well	16	3.3 (1.6-4.9)
Gender	Male	448	84.4 (80.7-88.0)
	Female	61	14.1 (10.6-17.6)
	Transgender‡	--	--
Sexual orientation	Lesbian or gay	341	63.5 (59.0-67.9)
	Heterosexual or straight	123	26.4 (22.2-30.6)
	Bisexual	34	6.8 (4.5-9.1)
	Other	16	3.3 (1.6-5.0)
Educational attainment	<High School	37	8.0 (5.4-10.6)
	High School diploma or equivalent	117	23.5 (19.6-27.4)
	>High School	363	68.5 (64.2-72.8)
Combined yearly household income (US\$)	\$0-\$19,999	213	45.4 (40.8-50.0)
	\$20,000-\$39,999	98	19.9 (16.2-23.5)
	\$40,000-\$74,999	91	16.8 (13.5-20.0)
	≥\$75,000	94	18.0 (14.6-21.4)
Household at or below federal poverty line, past 12 months§	Yes	157	34.5 (30.0-39.0)
	No	337	65.5 (61.0-70.0)
Homeless, past 12 months	Yes	48	10.3 (7.4-13.2)
	No	468	89.7 (86.8-92.6)
History of incarceration, past 12 months	Yes	19	3.7 (2.0-5.4)
	No	498	96.3 (94.6-98.0)
Type of health insurance or coverage for antiretroviral medications, past 12 months**			
Private health insurance	Yes	230	45.0 (40.4-49.6)
	No	261	55.0 (50.4-59.6)
Medicare	Yes	163	33.3 (29.0-37.7)
	No	326	66.7 (62.3-71.0)
Medicaid	Yes	220	44.7 (40.2-49.3)
	No	283	55.3 (50.7-59.8)
Ryan White HIV/AIDS Drug Assistance Program (ADAP)	Yes	253	52.1 (47.5-56.7)
	No	241	47.9 (43.3-52.5)
TRICARE/CHAMPUS or VA	Yes	13	3.0 (1.3-4.8)
	No	469	97.0 (95.2-98.7)
Other publicly funded insurance	Yes	35	7.7 (5.1-10.4)
	No	454	92.3 (89.6-94.9)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

†Hispanics or Latinos might be of any race. Persons are classified in only 1 race/ethnicity category.

‡Persons were classified as transgender if sex at birth and gender reported by the person were different, or if the person chose transgender in response to the question about self-identified gender.

§Poverty guidelines as defined by HHS; the 2014 guidelines were used for persons interviewed in 2015, the 2015 guidelines were used for persons interviewed in 2016, the 2016 guidelines were used for persons interviewed in 2017, the 2017 guidelines were used for persons interviewed in 2018. More information regarding HHS poverty guidelines can be found at <https://aspe.hhs.gov/frequently-askedquestions-related-poverty-guidelines-and-poverty>.

¶Living on the street, in a shelter, in a single-room–occupancy hotel, or in a car.

**Persons could select more than 1 response for health insurance or coverage for antiretroviral medications. Unknown insurance type means that the person had insurance or coverage for antiretroviral medications, but the type of insurance or coverage could not be determined.

**Table 2. Characteristics of adults with diagnosed HIV, by poverty status in the past 12 months—
Medical Monitoring Project, Washington, 2015-2017.**

	Household = or < federal poverty [§]		Household > federal poverty line [§]	
	n	row % (95% CI)	n	row % (95% CI)
Overall	157	34.5 (30.0-39.0)	337	65.5 (61.0-70.0)
Age at time of interview, in years				
18-29	14	62.1 (42.8-81.3)*	11	37.9 (18.7-57.2)*
30-39	29	33.3 (22.9-43.6)	61	66.7 (56.4-77.1)
40-49	39	36.3 (27.0-45.7)	83	63.7 (54.3-73.0)
≥50	75	31.2 (25.2-37.2)	182	68.8 (62.8-74.8)
Race/ethnicity				
Non-Hispanic white	65	24.2 (18.9-29.5)	226	75.8 (70.5-81.1)
Non-Hispanic black/African American	35	57.5 (45.1-69.9)	31	42.5 (30.1-54.9)
Hispanic/Latino [†]	31	47.5 (35.0-60.0)	36	52.5 (40.0-65.0)
Other	26	40.3 (28.2-52.5)	44	59.7 (47.5-71.8)
Country of birth				
United States	121	31.5 (26.7-36.2)	294	68.5 (63.8-73.3)
Country outside United States	36	50.5 (38.6-62.4)	41	49.5 (37.6-61.4)
English proficiency				
Speaks English well	146	33.3 (28.7-37.8)	332	66.7 (62.2-71.3)
Does not speak English well	11	69.7 (46.7-92.7)*	--	--
Gender				
Male	112	27.6 (23.2-32.1)	315	72.4 (67.9-76.8)
Female	40	70.3 (58.4-82.3)	20	29.7 (17.7-41.6)
Transgender [‡]	5	78.4 (41.9-100.0)*	--	--
Sexual orientation				
Lesbian or gay	71	22.8 (18.0-27.6)	256	77.2 (72.4-82.0)
Heterosexual or straight	64	57.2 (47.8-66.5)	54	42.8 (33.5-52.2)
Bisexual	16	52.7 (34.9-70.5)*	16	47.3 (29.5-65.1)*
Other	--	--	9	55.4 (28.9-81.8)*
Educational attainment				
<High School	28	80.8 (68.0-93.7)	--	--
High School diploma or equivalent	55	53.3 (43.6-63.0)	57	46.7 (37.0-56.4)
>High School	74	22.3 (17.7-26.9)	272	77.7 (73.1-82.3)
Combined yearly household income (US\$)				
\$0-\$19,999	151	73.2 (67.2-79.2)	62	26.8 (20.8-32.8)
\$20,000-\$39,999	--	--	92	94.2 (89.6-98.8)
\$40,000-\$74,999	0		91	100
≥\$75,000	0		92	100
Homeless, past 12 months[¶]				
Yes	40	83.1 (72.2-94.1)	--	--
No	116	28.5 (24.0-33.1)	329	71.5 (66.9-76.0)
History of incarceration, past 12 months				
Yes	15	76.3 (55.3-97.3)*	--	--
No	142	32.9 (28.3-37.4)	333	67.1 (62.6-71.7)
Type of health insurance or coverage for antiretroviral medications, past 12 months^{**}				
Private health insurance				
Yes	15	7.7 (3.8-11.7)	211	92.3 (88.3-96.2)

No	124	53.9 (47.4-60.4)	119	46.1 (39.6-52.6)
Medicare				
Yes	59	41.2 (33.0-49.3)	94	58.8 (50.7-67.0)
No	80	28.2 (22.8-33.7)	235	71.8 (66.3-77.2)
Medicaid				
Yes	125	64.1 (57.4-70.8)	79	35.9 (29.2-42.6)
No	24	10.5 (6.2-14.8)	252	89.5 (85.2-93.8)
Ryan White HIV/AIDS program or AIDS Drug Assistance Program (ADAP)				
Yes	88	38.4 (31.9-44.9)	156	61.6 (55.1-68.1)
No	56	27.6 (21.2-33.9)	173	72.4 (66.1-78.8)
TRICARE/CHAMPUS or VA				
Yes	--	--	10	74.0 (47.1-100.0)*
No	130	31.8 (27.1-36.5)	318	68.2 (63.5-72.9)
Other publicly funded insurance				
Yes	14	49.3 (31.1-67.5)*	20	50.7 (32.5-68.9)*
No	126	31.3 (26.7-36.0)	309	68.7 (64.0-73.3)

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**Persons could select more than 1 response for health insurance or coverage for antiretroviral medications. Unknown insurance type means that the person had insurance or coverage for antiretroviral medications, but the type of insurance or coverage could not be determined.

Table 3. Sexual behaviors during the past 12 months among sexually active adults with diagnosed HIV—Medical Monitoring Project, Washington, 2015-2017.

	Overall		Had sustained viral suppression**		Did not have sustained viral suppression	
	n	col % (95% CI)	n	col % (95% CI)	n	col % (95% CI)
Overall among sexually active persons	319	100	236	71.7 (66.5-77.0)	83	28.3 (23.0-33.5)
Condomless sex						
Yes	242	75.8 (70.7-81.0)	179	76.1 (70.2-81.9)	63	75.2 (64.7-85.6)
No	71	24.2 (19.0-29.3)	53	23.9 (18.1-29.8)	18	24.8 (14.4-35.3)
Condomless sex with an HIV-negative or HIV-unknown partner						
Yes	152	46.6 (40.9-52.4)	110	45.8 (39.1-52.4)	42	48.8 (37.5-60.1)
No	167	53.4 (47.6-59.1)	126	54.2 (47.6-60.9)	41	51.2 (39.9-62.5)
Condomless sex with an HIV-negative or HIV-unknown partner while not having sustained viral suppression						
Yes	42	13.8 (9.8-17.8)	0		42	48.8 (37.5-60.1)
No	277	86.2 (82.2-90.2)	236	100	41	51.2 (39.9-62.5)
PrEP use reported for at least 1 HIV-negative partner†						
Yes	27	7.9 (4.9-10.9)	23	9.1 (5.4-12.7)	--	--
No	292	92.1 (89.1-95.1)	213	90.9 (87.3-94.6)	79	95.0 (90.2-99.9)
Indication of high-risk sex‡						
Yes	38	12.5 (8.6-16.3)	0		38	44.7 (33.4-56.0)
No	279	87.5 (83.7-91.4)	236	100	43	55.3 (44.0-66.6)
Exchange sex						
Yes	--	--	--	--	--	--
No	312	97.7 (95.9-99.5)	232	98.4 (96.8-100.0)	80	95.8 (91.0-100.0)

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†Information on PrEP was only assessed among the past five sex partners in the previous 12 months.

‡Vaginal or anal sex with at least 1 HIV-negative or unknown status partner while not sustainably virally suppressed, a condom was not used, and the partner was not on PrEP. PrEP use was only measured among the 5 most recent partners.

**Sustained viral suppression defined as having all viral load measurements documented undetectable or <200 copies/mL in the past 12 months.

Table 4. Characteristics of adults with diagnosed HIV by condomless sex in the past 12 months—Medical Monitoring Project, Washington, 2015-2017.

	Had condomless sex		Did not have condomless sex	
	n	row % (95% CI)	n	row % (95% CI)
Overall	242	47.9 (43.3-52.4)	260	52.1 (47.6-56.7)
Age at time of interview, in years				
18-29	18	57.7 (37.9-77.5)*	11	42.3 (22.5-62.1)*
30-39	63	69.3 (59.0-79.6)	26	30.7 (20.4-41.0)
40-49	66	52.6 (43.4-61.7)	60	47.4 (38.3-56.6)
≥50	95	37.5 (31.4-43.6)	163	62.5 (56.4-68.6)
Race/ethnicity				
Non-Hispanic white	162	53.6 (47.7-59.5)	132	46.4 (40.5-52.3)
Non-Hispanic black/African American	24	40.5 (27.4-53.7)	40	59.5 (46.3-72.6)
Hispanic/Latino†	25	36.5 (24.9-48.1)	46	63.5 (51.9-75.1)
Other	31	44.0 (32.1-55.9)	42	56.0 (44.1-67.9)
Country of birth				
United States	220	50.7 (45.8-55.6)	208	49.3 (44.4-54.2)
Country outside United States	22	32.8 (20.9-44.7)	52	67.2 (55.3-79.1)
English proficiency				
Speaks English well	240	48.9 (44.2-53.5)	248	51.1 (46.5-55.8)
Does not speak English well	--	--	12	83.5 (62.6-100.0)*
Gender				
Male	217	49.6 (44.7-54.4)	218	50.4 (45.6-55.3)
Female	21	37.0 (23.6-50.5)	38	63.0 (49.5-76.4)
Transgender‡	--	--	--	--
Sexual orientation				
Lesbian or gay	178	53.9 (48.4-59.4)	154	46.1 (40.6-51.6)
Heterosexual or straight	38	32.4 (23.3-41.4)	82	67.6 (58.6-76.7)
Bisexual	14	40.2 (23.1-57.4)*	19	59.8 (42.6-76.9)*
Other	12	78.5 (56.8-100.0)*	--	--
Educational attainment				
<High School	11	27.5 (12.7-42.3)	24	72.5 (57.7-87.3)
High School diploma or equivalent	45	41.5 (31.8-51.2)	69	58.5 (48.8-68.2)

>High School	186	52.4 (47.1-57.8)	167	47.6 (42.2-52.9)
Combined yearly household income (US\$)				
\$0-\$19,999	83	40.8 (33.7-47.9)	125	59.2 (52.1-66.3)
\$20,000-\$39,999	49	52.1 (41.8-62.5)	46	47.9 (37.5-58.2)
\$40,000-\$74,999	50	56.9 (46.1-67.6)	36	43.1 (32.4-53.9)
≥\$75,000	52	55.6 (45.2-65.9)	41	44.4 (34.1-54.8)
Household at or below federal poverty line, past 12 months§				
Yes	57	38.6 (30.3-46.8)	95	61.4 (53.2-69.7)
No	176	53.4 (47.9-59.0)	152	46.6 (41.0-52.1)
Homeless, past 12 months¶				
Yes	26	55.9 (41.0-70.9)	21	44.1 (29.1-59.0)
No	216	47.0 (42.3-51.8)	238	53.0 (48.2-57.7)
History of incarceration, past 12 months				
Yes	9	53.0 (28.1-78.0)*	8	47.0 (22.0-71.9)*
No	233	47.7 (43.1-52.3)	252	52.3 (47.7-56.9)
Type of health insurance or coverage for antiretroviral medications, past 12 months**				
Private health insurance				
Yes	131	58.1 (51.4-64.8)	92	41.9 (35.2-48.6)
No	103	41.2 (34.8-47.6)	150	58.8 (52.4-65.2)
Medicare				
Yes	54	34.5 (27.0-42.1)	108	65.5 (57.9-73.0)
No	178	55.6 (49.8-61.4)	135	44.4 (38.6-50.2)
Medicaid				
Yes	93	43.2 (36.2-50.2)	120	56.8 (49.8-63.8)
No	146	53.1 (47.0-59.2)	129	46.9 (40.8-53.0)
Ryan White HIV/AIDS program or AIDS Drug Assistance Program (ADAP)				
Yes	107	44.7 (38.2-51.2)	139	55.3 (48.8-61.8)
No	125	51.7 (45.0-58.5)	108	48.3 (41.5-55.0)
TRICARE/CHAMPUS or VA				
Yes	--	--	7	52.0 (23.4-80.6)*
No	225	49.3 (44.5-54.1)	229	50.7 (45.9-55.5)
Other publicly funded insurance				
Yes	12	39.2 (20.8-57.7)*	22	60.8 (42.3-79.2)*
No	221	49.5 (44.7-54.4)	220	50.5 (45.6-55.3)
Sustained viral suppression††				

Yes	179	47.4 (42.1-52.6)	197	52.6 (47.4-57.9)
No	63	49.3 (40.2-58.5)	63	50.7 (41.5-59.8)
Injection drug use during the previous 12 months				
Yes	33	66.3 (51.0-81.6)*	13	33.7 (18.4-49.0)*
No	209	45.7 (41.0-50.5)	247	54.3 (49.5-59.0)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, “don’t know” responses, and skipped (missing) responses.

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††Sustained viral suppression defined as having all viral load measurements documented undetectable or <200 copies/mL in the past 12 months.

Table 5a. Receipt of ancillary care services among adults with diagnosed HIV—Medical Monitoring Project, Washington, 2015-2017.

	n	col % (95% CI)
HIV case management services		
Needed and received this service	303	60.2 (55.9-64.6)
Needed, but did not receive this service	26	5.4 (3.3-7.4)
Did not need and did not receive this service	185	34.4 (30.2-38.6)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)		
Needed and received this service	142	29.2 (25.0-33.4)
Needed, but did not receive this service	--	--
Did not need and did not receive this service	370	70.1 (65.9-74.3)
Medicine through AIDS Drug Assistance Program (ADAP)		
Needed and received this service	252	52.0 (47.3-56.6)
Needed, but did not receive this service	--	--
Did not need and did not receive this service	230	46.4 (41.8-51.0)
Patient navigation services		
Needed and received this service	73	15.2 (11.9-18.5)
Needed, but did not receive this service	25	5.1 (3.1-7.1)
Did not need and did not receive this service	409	79.7 (76.0-83.4)
HIV peer support group		
Needed and received this service	60	11.5 (8.7-14.3)
Needed, but did not receive this service	51	10.1 (7.4-12.8)
Did not need and did not receive this service	399	78.4 (74.7-82.1)
Dental care		
Needed and received this service	338	64.0 (59.6-68.4)
Needed, but did not receive this service	101	20.0 (16.3-23.6)
Did not need and did not receive this service	77	16.0 (12.6-19.5)
Drug or alcohol counseling or treatment		
Needed and received this service	42	8.7 (6.0-11.3)
Needed, but did not receive this service	21	4.4 (2.5-6.3)
Did not need and did not receive this service	451	86.9 (83.8-90.1)
Mental health services		
Needed and received this service	159	30.7 (26.6-34.9)
Needed, but did not receive this service	70	13.6 (10.6-16.7)

Did not need and did not receive this service	284	55.6 (51.2-60.1)
Transportation assistance		
Needed and received this service	110	21.9 (18.2-25.7)
Needed, but did not receive this service	43	8.6 (6.0-11.1)
Did not need and did not receive this service	363	69.5 (65.4-73.7)
Shelter or housing services		
Needed and received this service	93	19.1 (15.5-22.7)
Needed, but did not receive this service	32	7.0 (4.6-9.5)
Did not need and did not receive this service	390	73.9 (69.8-77.9)
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)		
Needed and received this service	184	37.8 (33.4-42.2)
Needed, but did not receive this service	48	9.4 (6.7-12.0)
Did not need and did not receive this service	284	52.8 (48.3-57.3)
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)		
Needed and received this service	127	25.8 (21.8-29.8)
Needed, but did not receive this service	36	7.2 (4.8-9.6)
Did not need and did not receive this service	353	67.0 (62.7-71.2)
Domestic violence services		
Needed and received this service	--	--
Needed, but did not receive this service	--	--
Did not need and did not receive this service	496	96.1 (94.4-97.9)
Interpreter services		
Needed and received this service	17	3.5 (1.8-5.2)
Needed, but did not receive this service	0	
Did not need and did not receive this service	500	96.5 (94.8-98.2)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.
*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

Table 5b. Receipt of ancillary care services among adults with diagnosed HIV who needed services—Medical Monitoring Project, Washington, 2015-2017.

	n	col % (95% CI)
HIV case management services		
Needed and received this service	303	91.8 (88.7-94.9)
Needed, but did not receive this service	26	8.2 (5.1-11.3)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)		
Needed and received this service	142	97.5 (95.1-100.0)
Needed, but did not receive this service	--	--
Medicine through AIDS Drug Assistance Program (ADAP)		
Needed and received this service	252	97.0 (94.8-99.2)
Needed, but did not receive this service	--	--
Patient navigation services		
Needed and received this service	73	74.9 (66.1-83.7)
Needed, but did not receive this service	25	25.1 (16.3-33.9)
HIV peer support group		
Needed and received this service	60	53.2 (43.6-62.8)
Needed, but did not receive this service	51	46.8 (37.2-56.4)
Dental care		
Needed and received this service	338	76.2 (72.0-80.4)
Needed, but did not receive this service	101	23.8 (19.6-28.0)
Drug or alcohol counseling or treatment		
Needed and received this service	42	66.6 (54.4-78.7)
Needed, but did not receive this service	21	33.4 (21.3-45.6)
Mental health services		
Needed and received this service	159	69.3 (63.1-75.4)
Needed, but did not receive this service	70	30.7 (24.6-36.9)
Transportation assistance		
Needed and received this service	110	71.9 (64.6-79.3)
Needed, but did not receive this service	43	28.1 (20.7-35.4)
Shelter or housing services		
Needed and received this service	93	73.1 (64.9-81.3)
Needed, but did not receive this service	32	26.9 (18.7-35.1)
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)		

Needed and received this service	184	80.1 (74.9-85.4)
Needed, but did not receive this service	48	19.9 (14.6-25.1)
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)		
Needed and received this service	127	78.1 (71.4-84.8)
Needed, but did not receive this service	36	21.9 (15.2-28.6)
Domestic violence services*		
Needed and received this service	10	46.8 (24.1-69.5)*
Needed, but did not receive this service	10	53.2 (30.5-75.9)*
Interpreter services*		
Needed and received this service	17	100
Needed, but did not receive this service	0	

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, “don’t know” responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

Table 6a. Receipt of ancillary care services among adults with diagnosed HIV by race/ethnicity—Medical Monitoring Project, Washington, 2015-2017.

	Non-Hispanic White		Non-Hispanic black/African American		Hispanic/Latino†	
	n	col % (95% CI)	n	col % (95% CI)	n	col % (95% CI)
HIV case management services						
Needed and received this service	161	54.6 (48.8-60.5)	46	68.5 (56.7-80.3)	50	71.0 (60.1-81.9)
Needed, but did not receive this service	13	4.3 (2.0-6.6)	--	--	--	--
Did not need and did not receive this service	127	41.1 (35.3-46.8)	17	24.0 (13.3-34.6)	17	23.2 (13.1-33.3)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)						
Needed and received this service	60	21.1 (16.2-26.0)	29	42.9 (30.3-55.5)	26	37.2 (25.5-49.0)
Needed, but did not receive this service	--	--	--	--	--	--
Did not need and did not receive this service	241	78.3 (73.3-83.3)	37	56.0 (43.4-68.6)	44	61.1 (49.3-73.0)
Medicine through AIDS Drug Assistance Program (ADAP)						
Needed and received this service	139	48.2 (42.2-54.2)	32	48.5 (35.4-61.6)	43	65.8 (53.6-78.0)
Needed, but did not receive this service	--	--	--	--	0	
Did not need and did not receive this service	147	50.2 (44.2-56.1)	30	49.9 (36.8-63.1)	22	34.2 (22.0-46.4)
Patient navigation services						
Needed and received this service	31	10.7 (7.1-14.4)	--	--	17	26.8 (15.7-38.0)
Needed, but did not receive this service	14	5.0 (2.4-7.7)	--	--	--	--

Did not need and did not receive this service	253	84.2 (79.9-88.6)	55	83.9 (74.8-92.9)	48	67.7 (56.0-79.4)
HIV peer support group						
Needed and received this service	32	10.4 (6.9-13.9)	14	19.4 (9.9-29.0)	--	--
Needed, but did not receive this service	28	9.7 (6.2-13.3)	--	--	--	--
Did not need and did not receive this service	240	79.8 (75.1-84.5)	49	74.1 (63.2-84.9)	56	81.0 (71.4-90.7)
Dental care						
Needed and received this service	196	62.6 (56.9-68.4)	34	50.8 (38.1-63.5)	57	78.5 (68.1-88.9)
Needed, but did not receive this service	62	20.7 (16.0-25.5)	16	24.3 (13.3-35.4)	--	--
Did not need and did not receive this service	45	16.6 (12.0-21.3)	17	24.9 (14.2-35.6)	--	--
Drug or alcohol counseling or treatment						
Needed and received this service	27	9.8 (6.1-13.4)	--	--	--	--
Needed, but did not receive this service	14	4.9 (2.4-7.5)	--	--	--	--
Did not need and did not receive this service	260	85.3 (81.0-89.6)	61	90.9 (83.5-98.3)	65	90.6 (83.2-98.0)
Mental health services						
Needed and received this service	96	32.1 (26.6-37.6)	22	31.9 (20.1-43.7)	16	20.3 (11.1-29.5)
Needed, but did not receive this service	45	14.4 (10.4-18.4)	--	--	--	--
Did not need and did not receive this service	160	53.5 (47.6-59.3)	37	55.9 (43.2-68.7)	49	69.4 (58.4-80.5)
Transportation assistance						
Needed and received this service	50	17.7 (13.1-22.3)	22	31.2 (19.7-42.7)	15	19.3 (10.2-28.4)

Needed, but did not receive this service	23	7.3 (4.4-10.3)	--	--	--	--
Did not need and did not receive this service	230	75.0 (69.8-80.1)	40	60.4 (48.1-72.7)	50	70.7 (59.8-81.6)
Shelter or housing services						
Needed and received this service	45	15.5 (11.2-19.8)	25	35.4 (23.5-47.3)	--	--
Needed, but did not receive this service	17	6.2 (3.2-9.2)	--	--	--	--
Did not need and did not receive this service	241	78.3 (73.3-83.2)	37	56.9 (44.3-69.5)	56	77.1 (66.5-87.6)
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)						
Needed and received this service	92	32.7 (27.1-38.4)	36	53.6 (40.9-66.4)	22	30.6 (19.6-41.7)
Needed, but did not receive this service	30	10.0 (6.5-13.5)	--	--	--	--
Did not need and did not receive this service	181	57.3 (51.4-63.1)	27	41.0 (28.3-53.7)	40	55.7 (43.6-67.7)
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)						
Needed and received this service	68	23.7 (18.6-28.7)	24	35.6 (23.5-47.7)	13	17.5 (8.5-26.5)
Needed, but did not receive this service	--	--	--	--	10	16.3 (6.7-25.9)
Did not need and did not receive this service	224	72.9 (67.6-78.1)	35	53.9 (41.2-66.5)	48	66.2 (54.5-77.8)
Domestic violence services						
Needed and received this service	--	--	--	--	0	--
Needed, but did not receive this service	--	--	--	--	--	--
Did not need and did not receive this service	293	96.2 (93.8-98.6)	62	94.1 (88.9-99.2)	69	97.0 (92.9-100.0)
Interpreter services						

Needed and received this service	0		--	--	14	20.2 (10.4-30.0)
Needed, but did not receive this service	0		0		0	
Did not need and did not receive this service	303	100	67	98.8 (96.5-100.0)	57	79.8 (70.0-89.6)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

†Hispanics or Latinos might be of any race. Persons are classified in only 1 race/ethnicity category.

Table 6b. Receipt of ancillary care services among adults with diagnosed HIV by race/ethnicity who needed services—Medical Monitoring Project, Washington, 2015-2017.

	Non-Hispanic White		Non-Hispanic black/African American		Hispanic/Latino†	
	n	col % (95% CI)	n	col % (95% CI)	n	col % (95% CI)
HIV case management services						
Needed and received this service	161	92.7 (88.8-96.6)	46	90.1 (80.6-99.6)	50	92.5 (85.3-99.7)
Needed, but did not receive this service	13	7.3 (3.4-11.2)	--	--	--	--
Professional help remembering to take HIV medicines on time or correctly (adherence support services)						
Needed and received this service	60	97.2 (93.2-100.0)	29	97.6 (92.9-100.0)	26	95.7 (87.5-100.0)
Needed, but did not receive this service	--	--	--	--	--	--
Medicine through AIDS Drug Assistance Program (ADAP)						
Needed and received this service	139	96.7 (93.5-99.9)	32	96.9 (90.8-100.0)	43	100
Needed, but did not receive this service	--	--	--	--	0	
Patient navigation services						
Needed and received this service	31	68.1 (54.0-82.3)	10	88.4 (67.2-100.0)*	17	83.1 (67.4-98.8)*
Needed, but did not receive this service	14	31.9 (17.7-46.0)	--	--	--	--
HIV peer support group						
Needed and received this service	32	51.7 (38.6-64.8)	14	74.9 (53.4-96.3)*	--	--
Needed, but did not receive this service	28	48.3 (35.2-61.4)	--	--	8	60.2 (32.0-88.3)*
Dental care						
Needed and received this service	196	75.1 (69.6-80.6)	34	67.6 (53.6-81.6)	57	85.6 (76.6-94.5)

Needed, but did not receive this service	62	24.9 (19.4-30.4)	16	32.4 (18.4-46.4)	--	--
Drug or alcohol counseling or treatment						
Needed and received this service	27	66.4 (51.5-81.3)	--	--	--	--
Needed, but did not receive this service	14	33.6 (18.7-48.5)	--	--	--	--
Mental health services						
Needed and received this service	96	69.0 (61.3-76.8)	22	72.4 (54.7-90.1)*	16	66.3 (45.1-87.6)*
Needed, but did not receive this service	45	31.0 (23.2-38.7)	--	--	--	--
Transportation assistance						
Needed and received this service	50	70.7 (60.2-81.3)	22	78.8 (61.7-95.9)*	15	66.0 (44.1-87.8)*
Needed, but did not receive this service	23	29.3 (18.7-39.8)	--	--	--	--
Shelter or housing services						
Needed and received this service	45	71.3 (59.4-83.3)	25	82.1 (65.9-98.3)*	10	66.9 (42.3-91.4)*
Needed, but did not receive this service	17	28.7 (16.7-40.6)	--	--	--	--
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)						
Needed and received this service	92	76.6 (68.9-84.3)	36	90.9 (82.1-99.7)	22	69.1 (51.9-86.3)*
Needed, but did not receive this service	30	23.4 (15.7-31.1)	--	--	9	30.9 (13.7-48.1)*
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)						
Needed and received this service	68	87.2 (79.9-94.5)	24	77.2 (62.6-91.8)	13	51.7 (30.2-73.2)*
Needed, but did not receive this service	11	12.8 (5.5-20.1)	--	--	10	48.3 (26.8-69.8)*
Domestic violence services*						
Needed and received this service	6	55.1 (22.6-87.5)*	--	--	0	

Needed, but did not receive this service	--	--	--	--	2	100
Interpreter services*						
Needed and received this service	0		1	100	14	100
Needed, but did not receive this service	0		0		0	

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

†Hispanics or Latinos might be of any race. Persons are classified in only 1 race/ethnicity category.

Table 7a. Receipt of ancillary care services among adults with diagnosed HIV, by receipt of RWHAP assistance—Medical Monitoring Project, Washington, 2015-2017.

	Received RWHAP assistance		Did not receive RWHAP assistance	
	n	col % (95% CI)	n	col % (95% CI)
HIV case management services				
Needed and received this service	219	87.7 (83.6-91.7)	66	28.4 (22.4-34.5)
Needed, but did not receive this service	--	--	22	10.0 (5.9-14.1)
Did not need and did not receive this service	29	10.8 (7.0-14.5)	152	61.6 (55.1-68.1)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)				
Needed and received this service	76	32.0 (25.9-38.2)	55	24.2 (18.4-30.0)
Needed, but did not receive this service	--	--	--	--
Did not need and did not receive this service	174	67.2 (61.0-73.3)	185	75.4 (69.6-81.2)
Medicine through AIDS Drug Assistance Program (ADAP)				
Needed and received this service	252	98.8 (96.4-100.0)	0	
Needed, but did not receive this service	0		--	--
Did not need and did not receive this service	--	--	229	96.6 (94.1-99.1)
Patient navigation services				
Needed and received this service	58	24.3 (18.7-29.9)	--	--
Needed, but did not receive this service	12	4.4 (1.9-6.9)	12	5.8 (2.5-9.1)
Did not need and did not receive this service	179	71.3 (65.5-77.2)	217	90.0 (85.8-94.2)
HIV peer support group				
Needed and received this service	49	18.9 (14.0-23.8)	--	--
Needed, but did not receive this service	23	8.7 (5.2-12.1)	25	11.3 (6.9-15.7)
Did not need and did not receive this service	177	72.4 (66.9-78.0)	207	85.8 (81.0-90.5)
Dental care				
Needed and received this service	157	62.2 (56.0-68.5)	169	66.9 (60.5-73.3)

Needed, but did not receive this service	52	20.6 (15.4-25.8)	43	18.6 (13.4-23.9)
Did not need and did not receive this service	43	17.2 (12.3-22.0)	29	14.4 (9.3-19.6)
Drug or alcohol counseling or treatment				
Needed and received this service	25	10.6 (6.5-14.7)	17	7.4 (3.8-11.0)
Needed, but did not receive this service	--	--	12	5.8 (2.5-9.1)
Did not need and did not receive this service	219	86.4 (81.9-90.8)	212	86.8 (82.2-91.5)
Mental health services				
Needed and received this service	87	33.5 (27.5-39.5)	62	26.5 (20.6-32.4)
Needed, but did not receive this service	32	12.6 (8.4-16.8)	36	15.1 (10.4-19.9)
Did not need and did not receive this service	132	53.9 (47.5-60.3)	142	58.4 (51.8-64.9)
Transportation assistance				
Needed and received this service	72	28.7 (22.9-34.5)	32	14.2 (9.4-18.9)
Needed, but did not receive this service	22	8.6 (5.0-12.2)	16	7.4 (3.8-10.9)
Did not need and did not receive this service	158	62.7 (56.5-68.9)	193	78.5 (72.9-84.1)
Shelter or housing services				
Needed and received this service	62	25.3 (19.7-31.0)	25	11.5 (7.0-16.0)
Needed, but did not receive this service	17	7.7 (4.0-11.3)	--	--
Did not need and did not receive this service	172	67.0 (60.9-73.1)	205	83.1 (77.8-88.4)
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)				
Needed and received this service	104	42.9 (36.5-49.3)	65	29.6 (23.3-35.9)
Needed, but did not receive this service	37	14.7 (10.1-19.2)	--	--
Did not need and did not receive this service	111	42.4 (36.1-48.7)	167	66.9 (60.5-73.3)
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)				
Needed and received this service	85	34.6 (28.5-40.7)	32	14.5 (9.6-19.4)
Needed, but did not receive this service	22	8.6 (5.0-12.1)	12	5.6 (2.3-9.0)

Did not need and did not receive this service	145	56.8 (50.5-63.2)	197	79.8 (74.2-85.4)
Domestic violence services				
Needed and received this service	--	--	--	--
Needed, but did not receive this service	--	--	--	--
Did not need and did not receive this service	242	96.5 (94.3-98.7)	232	95.7 (92.9-98.6)
Interpreter services				
Needed and received this service	12	5.2 (2.3-8.2)	--	--
Needed, but did not receive this service	0		0	
Did not need and did not receive this service	241	94.8 (91.8-97.7)	239	99.3 (98.3-100.0)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

Table 7b. Receipt of ancillary care services among adults with diagnosed HIV who needed services, by receipt of RWHAP assistance—Medical Monitoring Project, Washington, 2015-2017.

	Received RWHAP assistance		Did not receive RWHAP assistance	
	n	col % (95% CI)	n	col % (95% CI)
HIV case management services				
Needed and received this service	219	98.2 (96.5-100.0)	66	74.0 (64.4-83.6)
Needed, but did not receive this service	--	--	22	26.0 (16.4-35.6)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)				
Needed and received this service	76	97.6 (94.3-100.0)	55	98.3 (95.0-100.0)
Needed, but did not receive this service	--	--	--	--
Medicine through AIDS Drug Assistance Program (ADAP)				
Needed and received this service	252	100	0	
Needed, but did not receive this service	0		7	100
Patient navigation services				
Needed and received this service	58	84.6 (76.3-92.9)	9	41.8 (20.2-63.5)*
Needed, but did not receive this service	12	15.4 (7.1-23.7)	12	58.2 (36.5-79.8)*
HIV peer support group				
Needed and received this service	49	68.6 (57.7-79.5)	--	--
Needed, but did not receive this service	23	31.4 (20.5-42.3)	25	79.5 (65.3-93.8)
Dental care				
Needed and received this service	157	75.1 (69.0-81.2)	169	78.2 (72.3-84.1)
Needed, but did not receive this service	52	24.9 (18.8-31.0)	43	21.8 (15.9-27.7)
Drug or alcohol counseling or treatment				
Needed and received this service	25	77.7 (63.7-91.8)	17	56.1 (36.9-75.3)*
Needed, but did not receive this service	--	--	12	43.9 (24.7-63.1)*
Mental health services				
Needed and received this service	87	72.7 (64.4-80.9)	62	63.6 (53.7-73.5)
Needed, but did not receive this service	32	27.3 (19.1-35.6)	36	36.4 (26.5-46.3)
Transportation assistance				

Needed and received this service	72	76.9 (68.1-85.7)	32	65.8 (51.8-79.8)
Needed, but did not receive this service	22	23.1 (14.3-31.9)	16	34.2 (20.2-48.2)
Shelter or housing services				
Needed and received this service	62	76.8 (66.8-86.7)	25	68.1 (51.9-84.3)*
Needed, but did not receive this service	17	23.2 (13.3-33.2)	11	31.9 (15.7-48.1)*
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)				
Needed and received this service	104	74.5 (67.0-82.0)	65	89.4 (82.8-96.1)
Needed, but did not receive this service	37	25.5 (18.0-33.0)	--	--
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)				
Needed and received this service	85	80.2 (72.4-87.9)	32	72.0 (57.7-86.3)
Needed, but did not receive this service	22	19.8 (12.1-27.6)	12	28.0 (13.7-42.3)
Domestic violence services*				
Needed and received this service	--	--	6	60.4 (26.2-94.7)*
Needed, but did not receive this service	6	64.2 (34.7-93.6)*	--	--
Interpreter services*				
Needed and received this service	12	100	2	100
Needed, but did not receive this service	0		0	

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

**Table 8a. Receipt of ancillary care services among adults with diagnosed HIV, by poverty level—
Medical Monitoring Project, Washington, 2015-2017.**

	Household at or below federal poverty line [§]		Household above federal poverty line [§]	
	n	col % (95% CI)	n	col % (95% CI)
HIV case management services				
Needed and received this service	130	82.7 (76.4-89.0)	161	49.3 (43.8-54.8)
Needed, but did not receive this service	--	--	15	4.6 (2.3-6.9)
Did not need and did not receive this service	17	11.3 (5.9-16.6)	159	46.1 (40.7-51.6)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)				
Needed and received this service	62	41.0 (32.8-49.2)	77	24.3 (19.5-29.2)
Needed, but did not receive this service	--	--	--	--
Did not need and did not receive this service	94	58.5 (50.3-66.7)	256	74.7 (69.9-79.6)
Medicine through AIDS Drug Assistance Program (ADAP)				
Needed and received this service	87	60.1 (51.4-68.8)	156	48.8 (43.3-54.4)
Needed, but did not receive this service	0	--	--	--
Did not need and did not receive this service	54	39.9 (31.2-48.6)	165	49.1 (43.6-54.7)
Patient navigation services				
Needed and received this service	44	28.1 (20.7-35.5)	28	9.2 (5.9-12.6)
Needed, but did not receive this service	--	--	13	3.9 (1.8-6.0)
Did not need and did not receive this service	100	66.1 (58.3-73.9)	291	86.9 (83.0-90.7)
HIV peer support group				
Needed and received this service	27	15.5 (9.9-21.1)	32	9.8 (6.5-13.1)
Needed, but did not receive this service	15	10.2 (5.0-15.4)	32	9.7 (6.4-12.9)
Did not need and did not receive this service	112	74.3 (67.2-81.4)	269	80.6 (76.2-84.9)
Dental care				
Needed and received this service	86	52.9 (44.6-61.1)	237	70.5 (65.5-75.5)
Needed, but did not receive this service	44	29.6 (22.0-37.3)	54	15.3 (11.4-19.1)

Did not need and did not receive this service	27	17.5 (11.1-24.0)	45	14.2 (10.3-18.2)
Drug or alcohol counseling or treatment				
Needed and received this service	19	12.9 (7.1-18.7)	23	7.1 (4.2-10.0)
Needed, but did not receive this service	--	--	12	3.7 (1.6-5.8)
Did not need and did not receive this service	129	81.5 (74.9-88.2)	300	89.2 (85.7-92.6)
Mental health services				
Needed and received this service	62	39.7 (31.6-47.9)	90	26.3 (21.5-31.1)
Needed, but did not receive this service	18	10.9 (5.9-15.9)	48	14.9 (10.9-18.9)
Did not need and did not receive this service	76	49.4 (41.1-57.7)	196	58.8 (53.4-64.3)
Transportation assistance				
Needed and received this service	66	41.2 (33.1-49.3)	41	12.4 (8.8-16.0)
Needed, but did not receive this service	23	14.1 (8.5-19.7)	17	5.2 (2.7-7.8)
Did not need and did not receive this service	68	44.7 (36.4-52.9)	278	82.4 (78.2-86.6)
Shelter or housing services				
Needed and received this service	63	41.0 (32.9-49.2)	29	8.7 (5.6-11.7)
Needed, but did not receive this service	21	14.1 (8.2-19.9)	--	--
Did not need and did not receive this service	73	44.9 (36.7-53.1)	297	88.3 (84.8-91.9)
Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)				
Needed and received this service	116	74.0 (66.7-81.4)	57	17.5 (13.3-21.7)
Needed, but did not receive this service	12	6.9 (3.0-10.7)	35	11.1 (7.5-14.7)
Did not need and did not receive this service	29	19.1 (12.3-25.9)	244	71.4 (66.4-76.4)
Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)				
Needed and received this service	74	47.3 (39.0-55.6)	50	15.4 (11.4-19.4)
Needed, but did not receive this service	22	13.9 (8.2-19.7)	12	3.6 (1.5-5.6)
Did not need and did not receive this service	61	38.8 (30.7-46.9)	274	81.0 (76.7-85.4)

Domestic violence services

Needed and received this service	--	--	--	--
Needed, but did not receive this service	--	--	--	--
Did not need and did not receive this service	144	91.9 (87.5-96.3)	330	98.3 (97.0-99.7)

Interpreter services

Needed and received this service	14	8.8 (4.2-13.3)	--	--
Needed, but did not receive this service	0		0	
Did not need and did not receive this service	143	91.2 (86.7-95.8)	334	99.0 (97.8-100.0)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, "don't know" responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

§Poverty guidelines as defined by HHS; the 2014 guidelines were used for persons interviewed in 2015, the 2015 guidelines were used for persons interviewed in 2016, the 2016 guidelines were used for persons interviewed in 2017, the 2017 guidelines were used for persons interviewed in 2018. More information regarding HHS poverty guidelines can be found at <https://aspe.hhs.gov/frequently-askedquestions-related-poverty-guidelines-and-poverty>.

Table 8b. Receipt of ancillary care services among adults with diagnosed HIV who needed services, by poverty level—Medical Monitoring Project, Washington, 2015-2017.

	Household at or below federal poverty line [§]		Household above federal poverty line [§]	
	n	col % (95% CI)	n	col % (95% CI)
HIV case management services				
Needed and received this service	130	93.2 (88.8-97.7)	161	91.5 (87.3-95.7)
Needed, but did not receive this service	--	--	15	8.5 (4.3-12.7)
Professional help remembering to take HIV medicines on time or correctly (adherence support services)				
Needed and received this service	62	98.8 (96.5-100.0)	77	96.3 (92.2-100.0)
Needed, but did not receive this service	--	--	--	--
Medicine through AIDS Drug Assistance Program (ADAP)				
Needed and received this service	87	100	156	96.0 (92.8-99.2)
Needed, but did not receive this service	0		--	--
Patient navigation services				
Needed and received this service	44	82.7 (72.2-93.3)	28	70.5 (56.4-84.5)
Needed, but did not receive this service	--	--	13	29.5 (15.5-43.6)
HIV peer support group				
Needed and received this service	27	60.2 (44.4-76.1)*	32	50.3 (37.7-62.8)
Needed, but did not receive this service	15	39.8 (23.9-55.6)*	32	49.7 (37.2-62.3)
Dental care				
Needed and received this service	86	64.1 (55.3-72.9)	237	82.2 (77.8-86.6)
Needed, but did not receive this service	44	35.9 (27.1-44.7)	54	17.8 (13.4-22.2)
Drug or alcohol counseling or treatment				
Needed and received this service	19	69.8 (51.3-88.3)*	23	65.5 (49.5-81.5)*
Needed, but did not receive this service	--	--	12	34.5 (18.5-50.5)*
Mental health services				
Needed and received this service	62	78.5 (69.2-87.8)	90	63.8 (55.6-72.1)
Needed, but did not receive this service	18	21.5 (12.2-30.8)	48	36.2 (27.9-44.4)
Transportation assistance				

Needed and received this service	66	74.5 (65.1-83.9)	41	70.2 (58.1-82.4)
Needed, but did not receive this service	23	25.5 (16.1-34.9)	17	29.8 (17.6-41.9)

Shelter or housing services

Needed and received this service	63	74.4 (64.6-84.3)	29	74.1 (59.4-88.7)
Needed, but did not receive this service	21	25.6 (15.7-35.4)	9	25.9 (11.3-40.6)

Supplemental Nutrition Assistance Program (SNAP) or Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)

Needed and received this service	116	91.5 (86.8-96.2)	57	61.2 (50.9-71.5)
Needed, but did not receive this service	12	8.5 (3.8-13.2)	35	38.8 (28.5-49.1)

Meal or food services, including (soup kitchens, food pantries, food banks, church dinners, or food delivery services)

Needed and received this service	74	77.3 (68.4-86.1)	50	81.3 (71.5-91.1)
Needed, but did not receive this service	22	22.7 (13.9-31.6)	12	18.7 (8.9-28.5)

Domestic violence services*

Needed and received this service	--	--	--	--
Needed, but did not receive this service	7	56.7 (28.7-84.8)*	--	--

Interpreter services*

Needed and received this service	14	100	3	100
Needed, but did not receive this service	0		0	

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, “don’t know” responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

§Poverty guidelines as defined by HHS; the 2014 guidelines were used for persons interviewed in 2015, the 2015 guidelines were used for persons interviewed in 2016, the 2016 guidelines were used for persons interviewed in 2017, the 2017 guidelines were used for persons interviewed in 2018. More information regarding HHS poverty guidelines can be found at <https://aspe.hhs.gov/frequently-askedquestions-related-poverty-guidelines-and-poverty>.

Table 9. Satisfaction with HIV care received among adults with diagnosed HIV, overall and by selected characteristics—Medical Monitoring Project, Washington, 2015-2017.

	n	row % (95% CI)
Overall	476	95.6 (93.7-97.5)
Race/ethnicity		
Non-Hispanic white	278	94.7 (91.9-97.5)
Non-Hispanic black/African American	63	96.9 (92.5-100.0)
Hispanic/Latino†	65	97.4 (93.8-100.0)
Other	70	96.4 (92.3-100.0)
Household at or below federal poverty line, past 12 months§		
Yes	145	97.6 (95.4-99.7)
No	315	96.2 (94.1-98.2)
Attendance at a RWHAP-funded facility, past 12 months		
Yes	191	94.7 (91.1-98.2)
No	266	96.4 (94.3-98.5)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, “don’t know” responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

†Hispanics or Latinos might be of any race. Persons are classified in only 1 race/ethnicity category.

§Poverty guidelines as defined by HHS; the 2014 guidelines were used for persons interviewed in 2015, the 2015 guidelines were used for persons interviewed in 2016, the 2016 guidelines were used for persons interviewed in 2017, the 2017 guidelines were used for persons interviewed in 2018. More information regarding HHS poverty guidelines can be found at <https://aspe.hhs.gov/frequently-askedquestions-related-poverty-guidelines-and-poverty>.

Table 10. Receipt of prevention services among adults with diagnosed HIV—Medical Monitoring Project, Washington, 2015-2017.

	n	col % (95% CI)
Received free condoms		
Yes	268	52.5 (48.1-57.0)
No	246	47.5 (43.0-51.9)
Received of informational/educational information† on HIV prevention		
Yes	267	51.4 (47.0-55.9)
No	247	48.6 (44.1-53.0)
Had one-on-one HIV/STD risk-reduction conversation with an outreach worker, counselor, or prevention program worker		
Yes	123	24.4 (20.5-28.2)
No	391	75.6 (71.8-79.5)
Had one-on-one HIV/STD risk-reduction conversation with a doctor, nurse, or other healthcare worker		
Yes	223	43.6 (39.2-48.1)
No	292	56.4 (51.9-60.8)
Attended an organized HIV/STD risk-reduction session involving a small group of people		
Yes	42	8.3 (5.8-10.8)
No	474	91.7 (89.2-94.2)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, “don’t know” responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

†Includes posters, leaflets, pamphlets, or videos.

Table 11. Sustained viral suppression among adults with diagnosed HIV, by sociodemographic and risk characteristics—Medical Monitoring Project, Washington, 2015-2017.

	Had sustained viral suppression**		Did not have sustained viral suppression	
	n	row % (95% CI)	n	row % (95% CI)
Overall	385	72.4 (68.3-76.5)	132	27.6 (23.5-31.7)
Age at time of interview, in years				
18-29	22	71.5 (52.7-90.3)*	--	--
30-39	67	67.6 (57.4-77.7)	28	32.4 (22.3-42.6)
40-49	102	78.1 (70.5-85.7)	27	21.9 (14.3-29.5)
≥50	194	71.3 (65.5-77.1)	70	28.7 (22.9-34.5)
Race/ethnicity				
Non-Hispanic white	230	73.8 (68.5-79.1)	73	26.2 (20.9-31.5)
Non-Hispanic black/African American	47	68.3 (56.6-80.0)	21	31.7 (20.0-43.4)
Hispanic/Latino†	53	70.6 (59.1-82.2)	18	29.4 (17.8-40.9)
Other	55	72.7 (62.1-83.3)	20	27.3 (16.7-37.9)
Country of birth				
United States	317	69.8 (65.2-74.4)	121	30.2 (25.6-34.8)
Country outside United States	66	85.7 (77.6-93.7)	11	14.3 (6.3-22.4)
English proficiency				
Speaks English well	372	72.1 (67.9-76.3)	129	27.9 (23.7-32.1)
Does not speak English well	13	82.2 (63.4-100.0)*	--	--
Gender				
Male	339	73.8 (69.5-78.1)	109	26.2 (21.9-30.5)
Female	40	63.7 (50.6-76.8)	21	36.3 (23.2-49.4)
Transgender‡	5	75.1 (44.3-100.0)*	--	--
Sexual orientation				
Lesbian or gay	258	74.2 (69.4-79.1)	83	25.8 (20.9-30.6)
Heterosexual or straight	86	66.6 (57.4-75.7)	37	33.4 (24.3-42.6)
Bisexual	24	69.4 (53.2-85.5)*	10	30.6 (14.5-46.8)*
Other	15	94.2 (83.0-100.0)	--	--
Educational attainment				
<High School	28	72.1 (55.6-88.5)*	9	27.9 (11.5-44.4)*

High School diploma or equivalent	80	67.6 (58.6-76.5)	37	32.4 (23.5-41.4)
>High School	277	74.1 (69.3-78.9)	86	25.9 (21.1-30.7)
Combined yearly household income (US\$)				
\$0-\$19,999	146	66.0 (59.2-72.8)	67	34.0 (27.2-40.8)
\$20,000-\$39,999	73	75.0 (66.4-83.7)	25	25.0 (16.3-33.6)
\$40,000-\$74,999	78	85.5 (78.2-92.8)	13	14.5 (7.2-21.8)
≥\$75,000	73	75.9 (66.8-85.0)	21	24.1 (15.0-33.2)
Household at or below federal poverty line, past 12 months§				
Yes	108	66.7 (58.8-74.6)	49	33.3 (25.4-41.2)
No	260	75.9 (71.1-80.7)	77	24.1 (19.3-28.9)
Homeless, past 12 months¶				
Yes	27	55.5 (40.6-70.4)	21	44.5 (29.6-59.4)
No	358	74.5 (70.3-78.7)	110	25.5 (21.3-29.7)
History of incarceration, past 12 months				
Yes	11	51.0 (27.3-74.7)*	8	49.0 (25.3-72.7)*
No	374	73.2 (69.1-77.4)	124	26.8 (22.6-30.9)
Type of health insurance or coverage for antiretroviral medications, past 12 months**				
Private health insurance				
Yes	177	75.9 (70.0-81.7)	53	24.1 (18.3-30.0)
No	188	69.3 (63.2-75.3)	73	30.7 (24.7-36.8)
Medicare				
Yes	123	74.9 (68.0-81.8)	40	25.1 (18.2-32.0)
No	241	71.2 (65.9-76.5)	85	28.8 (23.5-34.1)
Medicaid				
Yes	149	64.2 (57.4-71.1)	71	35.8 (28.9-42.6)
No	224	78.5 (73.5-83.5)	59	21.5 (16.5-26.5)
Ryan White HIV/AIDS program or AIDS Drug Assistance Program (ADAP)				
Yes	187	72.9 (67.2-78.7)	66	27.1 (21.3-32.8)
No	179	70.9 (64.7-77.2)	62	29.1 (22.8-35.3)
TRICARE/CHAMPUS or VA				
Yes	11	83.6 (62.2-100.0)*	--	--
No	346	71.5 (67.1-75.9)	123	28.5 (24.1-32.9)
Other publicly funded insurance				
Yes	27	76.7 (61.8-91.5)	--	--

No	337	72.0 (67.6-76.4)	117	28.0 (23.6-32.4)
Injection drug use during the previous 12 months				
Yes	27	53.4 (38.1-68.7)*	20	46.6 (31.3-61.9)*
No	355	74.5 (70.3-78.6)	112	25.5 (21.4-29.7)
Condomless sex with an HIV-negative or HIV-unknown partner				
Yes	110	70.4 (62.7-78.1)	42	29.6 (21.9-37.3)
No	270	73.8 (68.9-78.7)	86	26.2 (21.3-31.1)

Note: All numbers are unweighted and all percentages are weighted percents; CIs incorporate weighted percents. Excluded are values for which the percentage estimates have a coefficient of variation >0.30, “don’t know” responses, and skipped (missing) responses.

*Values with a denominator sample size <30, values with an absolute confidence interval width >30% and values with an absolute confidence interval width of between 5% and 30% and a relative confidence interval width >130% should be interpreted with caution.

†Hispanics or Latinos might be of any race. Persons are classified in only 1 race/ethnicity category.

‡Persons were classified as transgender if sex at birth and gender reported by the person were different, or if the person chose transgender in response to the question about self-identified gender.

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¶Living on the street, in a shelter, in a single-room-occupancy hotel, or in a car.

**Sustained viral suppression defined as having all viral load measurements documented undetectable or <200 copies/mL in the past 12 months.