

HIV/AIDS CONTINUUM OF CARE

The HIV/AIDS Continuum of Care depicts the extent to which a person living with HIV is engaged in HIV/AIDS care and is realizing the full advantages of care and treatment. This continuum ranges from initial diagnosis and non-engagement in care to being fully virally suppressed. This is also known as the HIV/AIDS Care Continuum (HCC). The Texas Department of State Health Services (DSHS) developed the 2015 HCC for Dallas EMA, Dallas HSDA and Sherman-Denison HSDA.¹ Along with the Continuum or “cascade,” a “Healthier Community” graphical display was developed to further depict linkage and retention in care. The following presents the DSHS information.

Definitions used in the HCC and Healthier Community calculations:

- HIV+ Individuals at end of 2015 = No. of HIV+ individuals (alive) residing in Texas, Dallas EMA, Dallas HSDA or Sherman-Dennison HSDA at the end of 2015.
- At Least One Visit in 2015 = No. of PLWH with a met need (at least one: medical visit, ART prescription, VL test, or CD-4 test) in 2015, otherwise referred to as “linked to care.”
- Retained in Care = No. of PLWH with at least 2 visits or labs, at least 3 months apart or suppressed at end of 2015.
- Achieved Viral Suppression at end of 2015 = No. of PLWH whose last viral load test value of 2015 was <= 200 copies/mL.

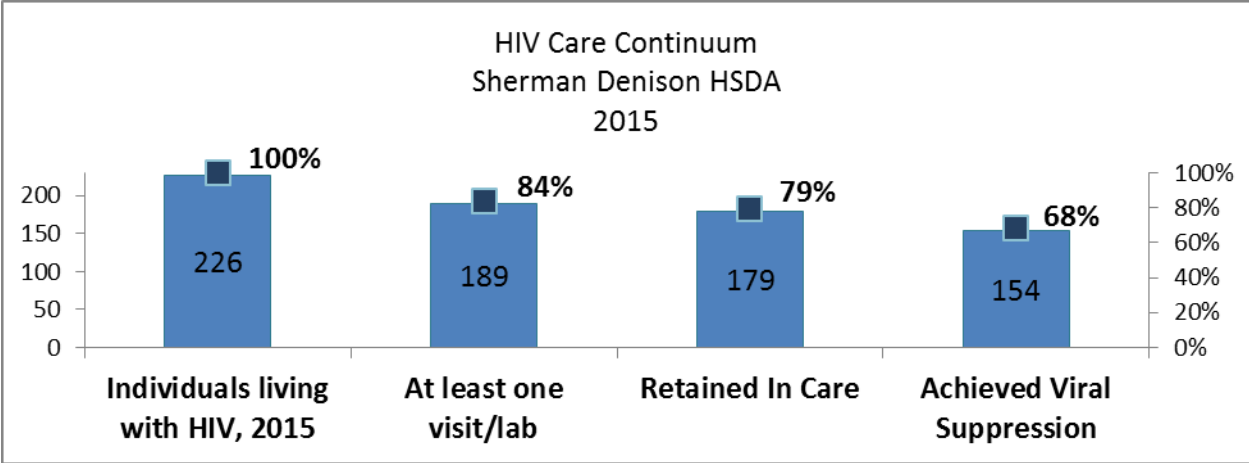
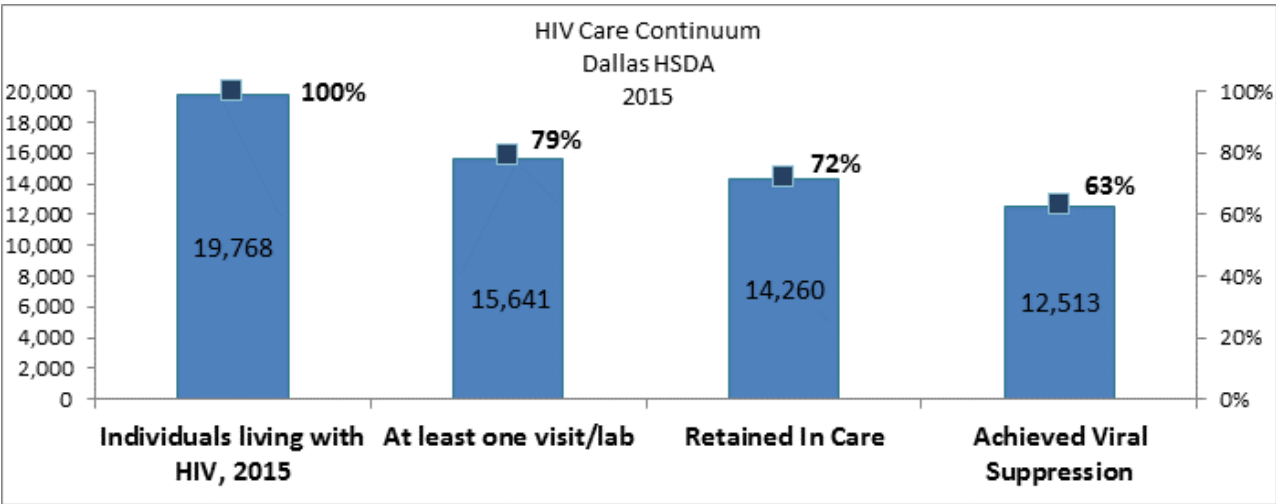
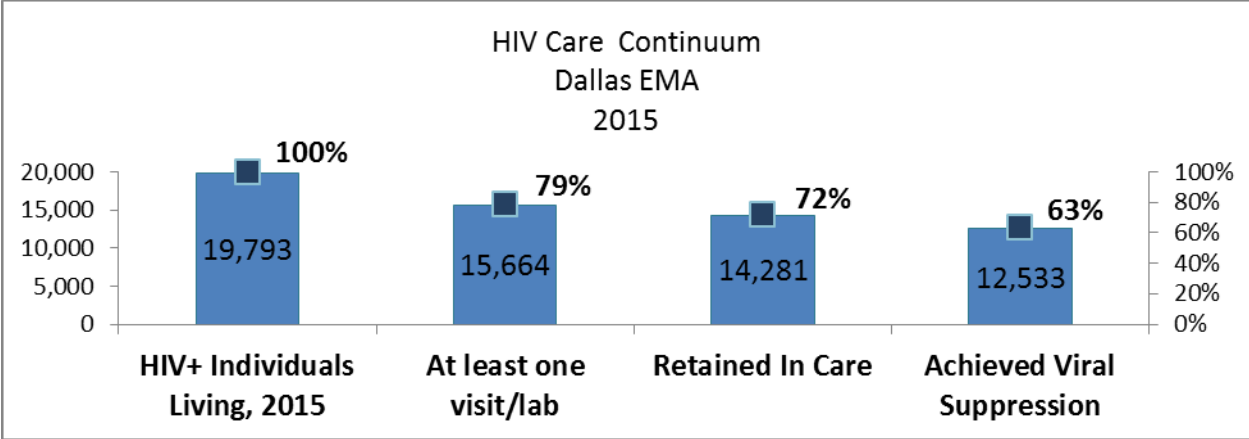
In 2015, all three regions reported relatively consistent performance for the four indicators of the HCC.

- Dallas EMA and Dallas HSDA results were nearly identical. Sherman-Dennis reported higher linkage (84%), retention (79%) and suppression rates (68%).
- As a measure of favorable outcomes as a result of HIV care, viral suppression was achieved by 86% to 88% of patients with two or more medical visits in 2015.
- The Dallas EMA, Dallas HSDA and Sherman-Denison HSDA surpassed viral suppression rates when compared to the statewide average.

**HIV Care Continuum
Dallas EMA, Dallas HSDA and Sherman-Denison HSDA 2015**

	PLWH		At Least One Visit		Retained in Care		Suppressed		% Suppressed of Those Retained
	#	%	#	%	#	%	#	%	%
Dallas EMA	19,793	100.0%	15,664	79.0%	14,281	72.2%	12,533	63.0%	87.8%
Dallas HSDA	19,768	100.0%	15,641	79.1%	14,260	72.1%	12,513	63.3%	87.8%
Sherman-Denison	226	100.0%	189	83.6%	179	79.2%	154	68.1%	86.0%
Texas	82,745	100.0%	63,706	77.0%	57,074	69.0%	48,632	59.0%	85.2%

¹ Sources: Enhanced HIV AIDS Reporting System (eHARS) as of July 2, 2015, Medicaid, ARIES, ADAP, and private payers. Prepared by Program Planning and Evaluation Group, HIV/STD Branch at the Texas Department of State Health Services, August, 2016.



Gender

- Across the Dallas EMA, Dallas HSDA, and Sherman-Denison HSDA, similar percentages of male and female PLWH had a met need in 2015.
- 75% of women and 80% of men in the Sherman-Denison HSDA were retained in care, which is higher than 70% of women and 73% of men in both the Dallas EMA and Dallas HSDA.
- Of those retained in care in the Sherman-Denison HSDA, the percentage suppressed was highest for women at 86%; and the Dallas HSDA had the highest for men at 88%. For both genders, the percent suppressed of those retained exceeded 75% for the Dallas EMA, Dallas HSDA, and Sherman-Denison HSDA.

Race/Ethnicity

- Every race/ethnicity category reported over 75% of PLWH a met need in the Dallas EMA, Dallas HSDA, and Sherman-Denison HSDA.
- Sherman-Denison HSDA had the highest percentage of Whites (82%), Blacks (68%) and Hispanics (78%) retained in care. The Dallas EMA had 79% of Whites, 67% of Blacks, and 71% of Hispanics retained in care, which was nearly identical to the percentages in the Dallas HSDA.
- More than half (56%) of Blacks in the Dallas EMA and Dallas HSDA were virally suppressed in 2015, while only 49% of Blacks in Sherman-Denison HSDA were virally suppressed.

Age

- Approximately 80% of PLWH from each age group reported a met need in each geography.
- The percentage suppressed of those retained in care in the Dallas EMA, Dallas HSDA, and Sherman-Denison HSDA exceeded 75% in each age category.

Transmission Mode

- By transmission mode, high percentages of PLWH were identified with met need in 2015.
- In the Dallas EMA, the injection drug-use transmission mode had the lowest percentage of PLWH retained in care (68%). Injection drug-use and MSM/IDU had the lowest number retained in care in the Sherman-Denison HSDA at 72%, while heterosexual transmission was the transmission category in the Dallas HSDA with the lowest percentage retained in care (69%).

**HIV Care Continuum by Gender, Race/Ethnicity, Age, Transmission Mode
Dallas EMA
2015**

	PLWH		At Least One Visit		Retained in Care		Suppressed		% Suppressed of those Retained
	#	%	#	%	#	%	#	%	
ALL PLWH	19,793	100.0	15,664	79.1	14,281	72.2	12,533	63.3	80.0%
Gender									
(F)Female	3,917	19.8	3,038	77.6	2,743	70.0	2,354	60.1	77.5%
(M)Male	15,876	80.2	12,626	79.5	11,538	72.7	10,179	64.1	80.6%
Race/Ethnicity									
White, not Hispanic	6,245	31.6	5,205	83.3	4,904	78.5	4,492	71.9	86.3%
Black, not Hispanic	8,178	41.3	6,246	76.4	5,492	67.2	4,596	56.2	73.6%
Hispanic	4,372	22.1	3,369	77.1	3,112	71.2	2,773	63.4	82.3%
Other	238	1.2	180	75.6	166	70.1	157	66.0	87.2%
Unknown	760	3.8	664	87.4	607	79.9	515	67.8	77.6%
Age									
0-24	955	4.8	759	80.0	581	60.8	446	46.7	76.8%
25-34	3,848	19.4	2,995	77.8	2,563	66.6	2,093	54.4	69.9%
35-44	4,757	24.0	3,655	76.8	3,335	70.1	2,928	61.6	80.1%
45-54	6,191	31.3	5,045	81.5	4,740	76.6	4,232	68.4	83.9%
55+	4,039	20.4	3,206	79.4	3,059	75.7	2,833	70.1	88.4%
Mode of Transmission									
MSM	13,432	67.9	10,792	80.3	9,874	73.5	8,790	65.4	81.4%
IDU	1,375	6.9	1,041	75.7	939	68.3	789	57.4	75.8%
MSM/IDU	809	4.1	651	80.5	591	73.1	472	58.3	72.5%
Heterosexual	4,024	20.3	3,062	76.1	2,770	68.8	2,400	59.6	78.4%
Pediatric	131	0.7	102	77.9	93	71.0	69	52.7	67.6%
Adult Other	22	0.1	16	72.7	15	68.2	12	54.5	75.0%

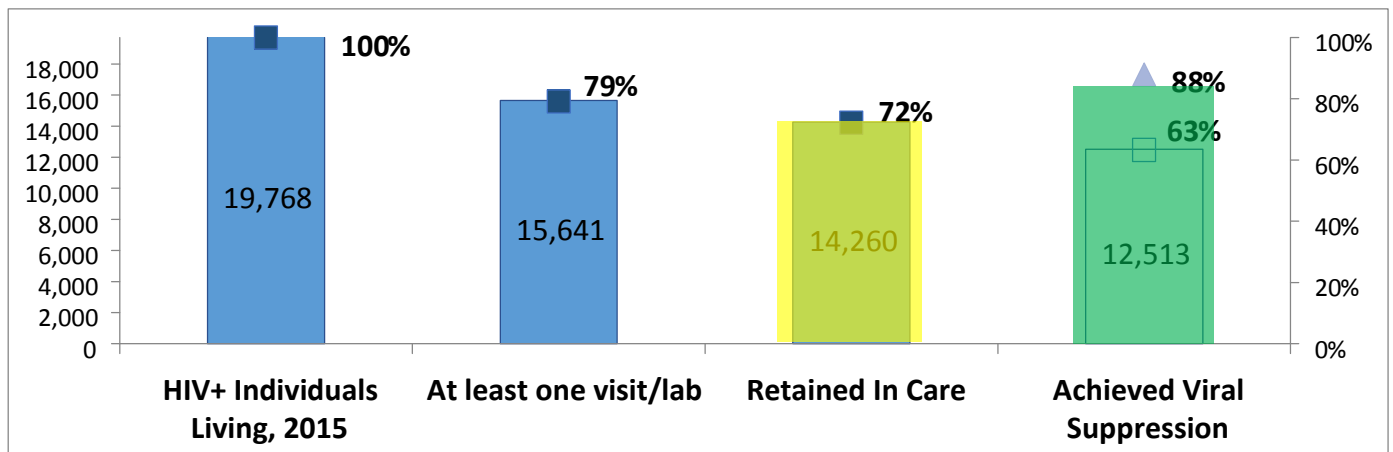
**HIV Care Continuum by Gender, Race/Ethnicity, Age, Transmission Mode
Dallas HSDA
2015**

	PLWH		At Least One Visit		Retained in Care		Suppressed		% Suppressed of those Retained
	#	%	#	%	#	%	#	%	%
All PLWH	19,768	100.0	15,641	79.1	14,260	72.1	12,513	63.3	87.7%
Gender									
(F)Female	3,928	19.9	3,049	77.6	2,753	70.1	2,362	60.1	85.8%
(M)Male	15,840	80.1	12,592	79.5	11,507	72.6	10,151	64.1	88.2%
Race/Ethnicity									
White Non-Hispanic	6,192	31.3	5,158	83.3	4,860	78.5	4,455	71.9	91.7%
Black Non-Hispanic	8,202	41.5	6,268	76.4	5,512	67.2	4,610	56.2	83.6%
Hispanic	4,375	22.1	3,369	77.0	3,113	71.2	2,774	63.4	89.1%
All Other/Unknown	999	5.1	846	84.7	775	77.6	674	67.5	87.0%
Age									
< 24	956	4.8	762	80.3	583	61.0	448	46.9	76.8%
25 - 44	8,609	43.6	6,654	77.3	5,902	68.6	5,023	58.3	85.1%
> 44	10,203	51.6	8,225	80.6	7,775	76.2	7,042	69.0	90.6%
Mode of Transmission									
MSM	13,398	67.8	10,765	80.3	9,849	73.5	8,770	65.5	89.0%
IDU or MSM/IDU	2,180	11.0	1,686	77.3	1,522	69.8	1,254	57.5	82.4%
Heterosexual	4,038	20.4	3,072	76.1	2,781	68.9	2,407	59.6	86.6%
All Other	153	0.8	118	77.1	108	70.6	81	52.9	75.0%

**HIV Care Continuum by Gender, Race/Ethnicity, Age, Transmission Mode
Sherman-Denison HSDA
2015**

	PLWH		At Least One Visit		Retained in Care		Suppressed		% Suppressed of those Retained
	#	%	#	%	#	%	#	%	%
All PLWH	226	100.0	189	83.6	179	79.2	154	68.1	86.0%
Gender									
(F)Female	48	21.2	37	77.1	36	75.0	31	64.6	86.1%
(M)Male	178	78.8	152	85.4	143	81.5	123	69.1	86.0%
Race/Ethnicity									
White Non-Hispanic	146	64.6	123	84.2	119	81.5	103	70.5	86.6%
Black Non-Hispanic	41	18.1	33	80.5	28	68.3	20	48.8	71.4%
Hispanic	23	10.2	19	82.6	18	78.3	17	73.9	94.4%
All Other/Unknown	16	7.1	14	87.5	14	87.5	14	87.5	100.0%
Age									
< 24	10	4.4	10	100.0	8	80.0	7	70.0	87.5%
25 - 44	86	38.1	70	81.4	67	77.9	57	66.3	85.1%
> 44	130	57.5	109	83.8	104	80.0	90	69.2	86.5%
Mode of Transmission									
MSM	117	51.8	103	88.0	97	82.9	84	71.8	86.6%
IDU or MSM/IDU	54	23.9	41	75.9	39	72.2	31	57.4	79.5%
Heterosexual	51	22.6	43	84.3	41	80.4	37	72.5	90.2%
All Other	4	2.0	2	50.0	2	50.0	2	50.0	100.0%

2015 Care Continuum (Dallas HSDA)



79% of PLWH had at least one episode of HIV care & treatment. This means roughly 8 out of 10 PLWH were in care.



72% of PLWH were retained in care (2 episodes of HIV care & treatment across the year). This means that roughly 7 out of 10 PLWH were retained in care



63% of PLWH were virally suppressed. This means that roughly 6 out of 10 PLWH were virally suppressed

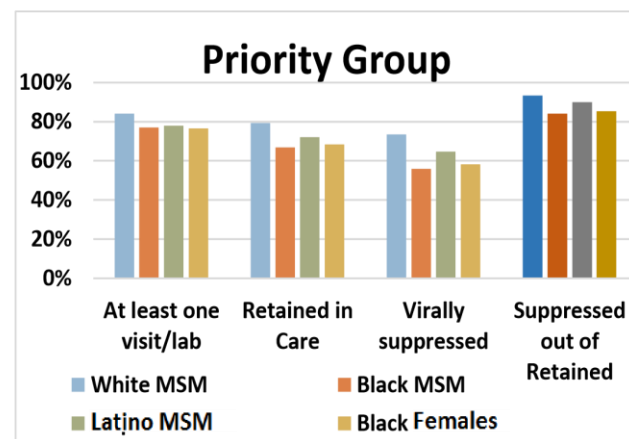
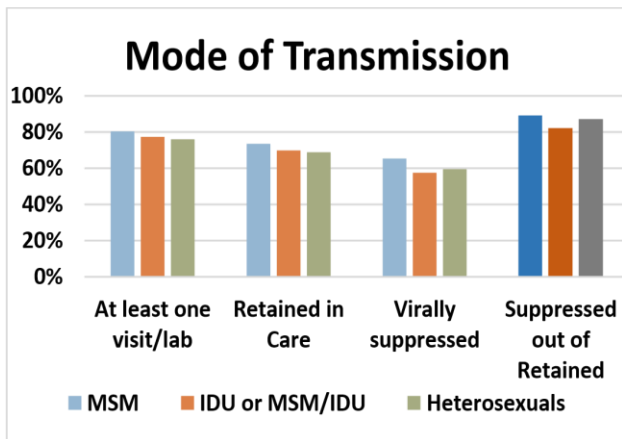
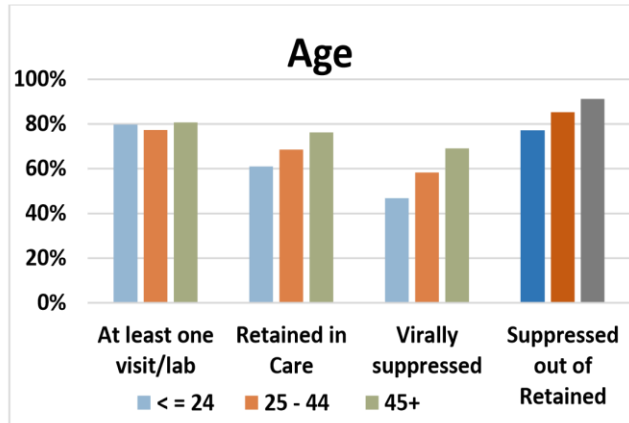
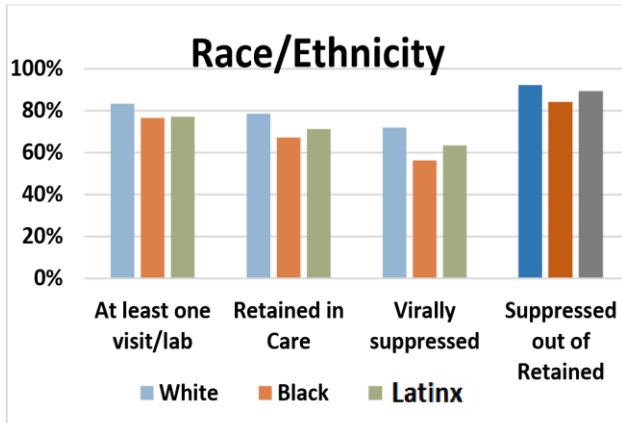


Of those 7 out of 10 PLWH who were retained in care, 88%, or roughly 6 of those 7 PLWH, were virally suppressed.

2015 Continuum of Care, Parity Table

	PLWH		At least one visit		Retained in Care		% retained if any care	Suppressed		% suppressed of those retained
	#	%	#	%	#	%	%	#	%	%
	All PLWH	19,768	100%	15,641	79%	14,260	72%	91%	12,513	635
Female	3,928	20%	3,049	78%	2,753	70%	90%	2,362	60%	86%
Male	15,840	80%	12,592	79%	11,507	73%	91%	10,151	64%	88%
White	6,192	31%	5,158	83%	4,860	78%	94%	4,455	72%	92%
Black	8,202	41%	6,268	76%	5,512	67%	88%	4,610	56%	84%
Latinx	4,375	22%	3,369	77%	3,113	71%	92%	2,774	63%	89%
<=24	956	5%	762	80%	583	61%	77%	448	47%	77%
25 – 44	8,609	44%	6,654	77%	5,902	69%	89%	5,023	58%	85%
>= 45	10,203	52%	8,225	81%	7,775	76%	95%	7,042	69%	91%
MSM	13,398	68%	10,765	80%	9,849	74%	91%	8,770	65%	89%
IDU	2,180	11%	1,686	77%	1,522	70%	90%	1,254	58%	82%
Heterosexual	4,038	20%	3,072	76%	2,781	69%	91%	2,407	60%	87%
White MSM	5,185	26%	4,360	84%	4,115	79%	94%	3,807	73%	93%
Black MSM	4,271	22%	3,288	77%	2,854	67%	87%	2,390	56%	84%
Latino MSM	3,296	17%	2,570	78%	2,376	72%	92%	2,132	65%	90%
Black Females	2,648	13%	2,027	77%	1,810	68%	89%	1,543	58%	85%

2015 Continuum of Care, Parity Bar Charts



Targets

85% PLWH retained in HIV care & treatment

81% of those retained are virally suppressed

	PLWH		Retained in Care		85% retained goal	Gap	Suppressed	81% suppressed goal	Gap
	#	%	#	%	#	#	#	#	#
All PLWH	19,768	100%	14,260	72%	16,803	2,543	12,513	13,610	1,097
Female	3,928	20%	2,753	70%	3,339	586	2,362	2,705	343
Male	15,840	80%	11,507	73%	13,464	1,957	10,151	10,906	755
White	6,192	31%	4,860	78%	5,263	403	4,455	4,263	-192
Black	8,202	41%	5,512	67%	6,972	1,460	4,610	5,647	1,037
Latinx	4,375	22%	3,113	71%	3,719	606	2,774	3,012	238
<=24	956	5%	583	61%	813	230	448	659	211
25 - 44	8,609	44%	5,902	69%	7,318	1,416	5,023	5,928	905
>= 45	10,203	52%	7,775	76%	8,673	898	7,042	7,025	-17
MSM	13,398	68%	9,849	74%	11,388	1,539	8,770	9,224	454
IDU	2,180	11%	1,522	70%	1,853	331	1,254	1,501	247
Heterosexual	4,038	20%	2,781	69%	3,432	651	2,407	2,780	373
White MSM	5,185	26%	4,115	79%	4,407	292	3,807	3,570	-237
Black MSM	4,271	22%	2,854	67%	3,630	776	2,390	2,940	550
Latino MSM	3,296	17%	2,376	72%	2,801	425	2,132	2,269	137
Black Females	2,648	13%	1,810	68%	2,251	441	1,543	1,823	280