

HIV Care Dynamics

Figures

Figure 1. Care Dynamics among HIV Cases Living in DC, District of Columbia, 2015

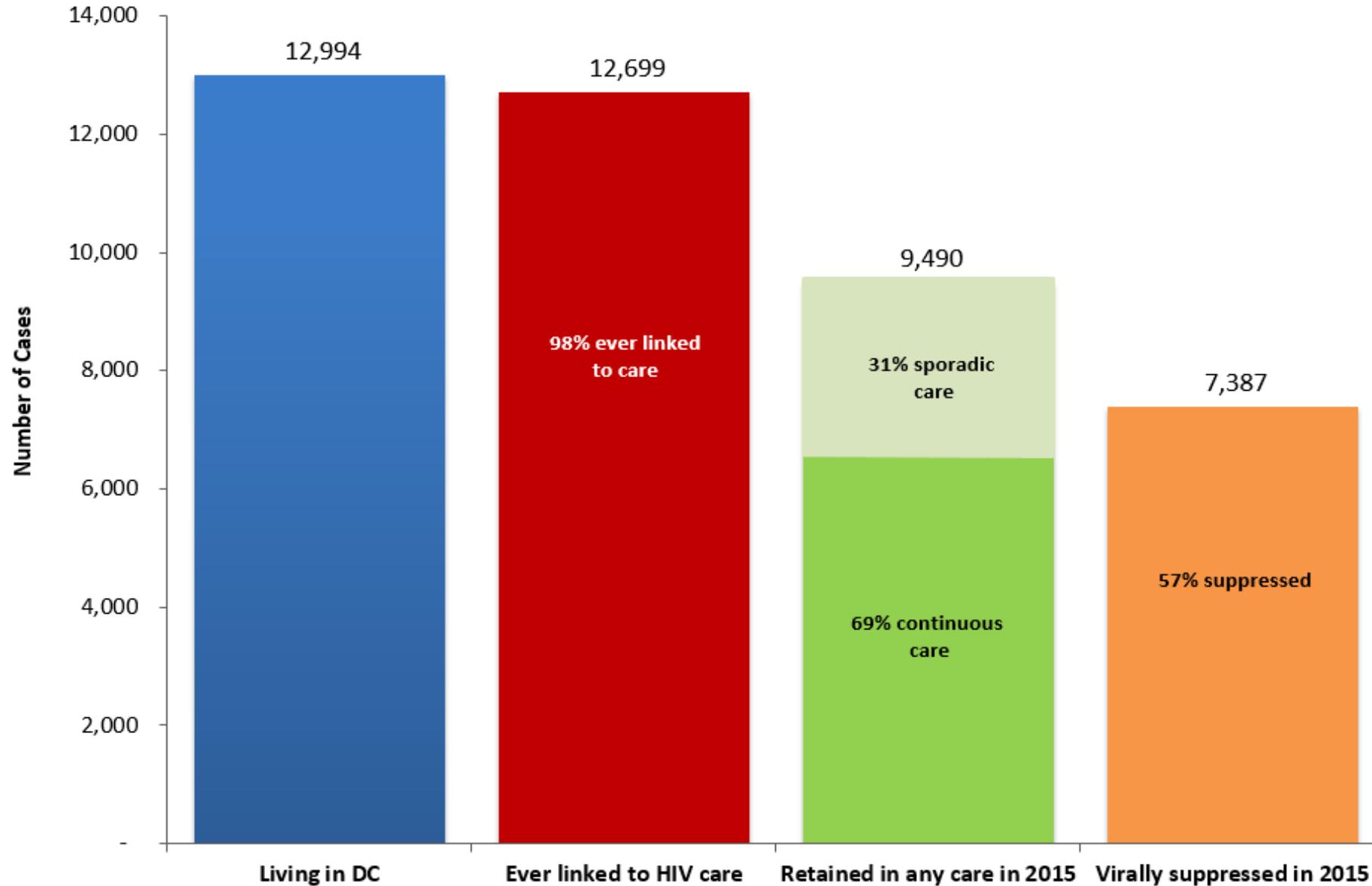
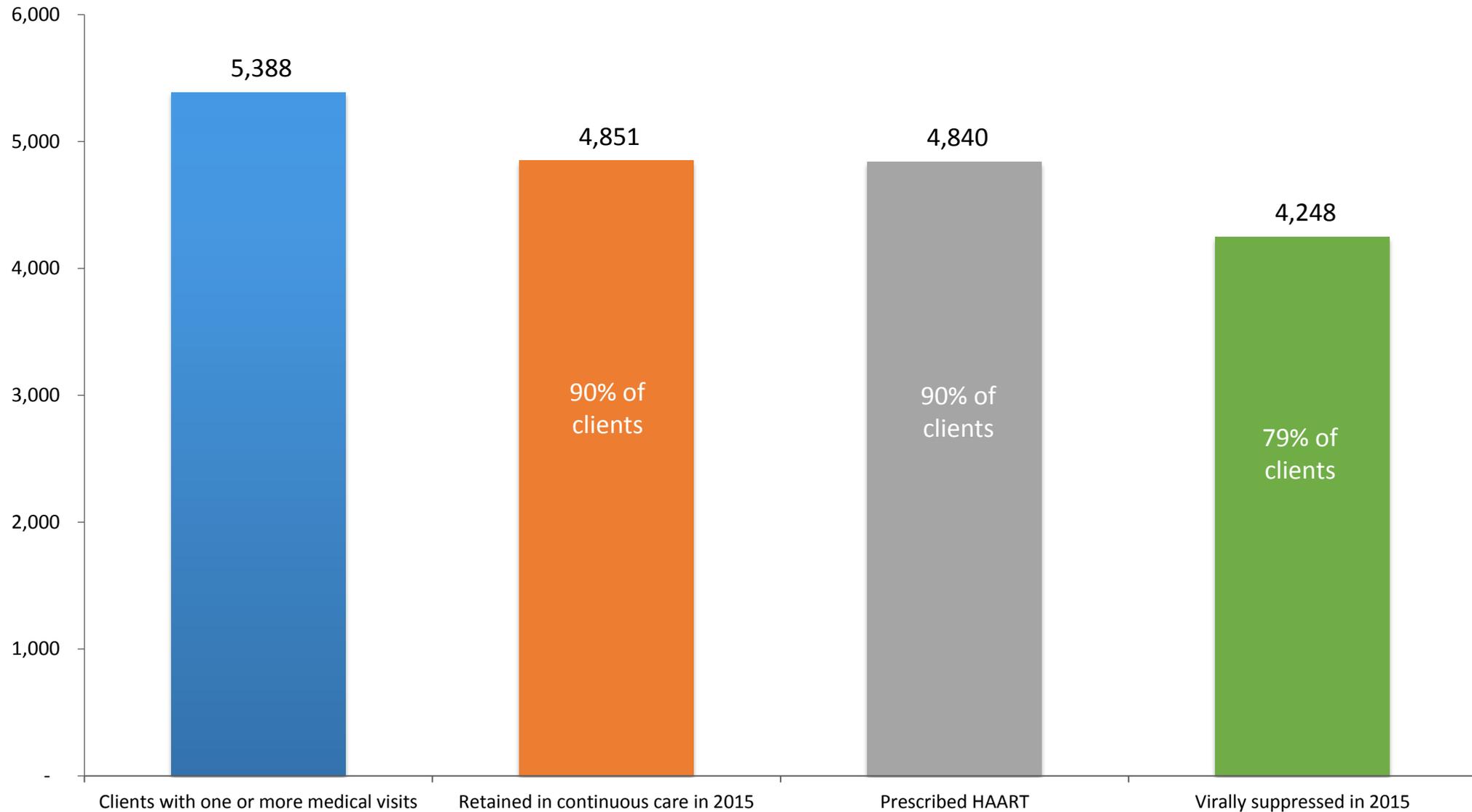


Figure 2. 2015 Care dynamics among Ryan White Clients, District of Columbia, 2015



HIV Care Dynamics

Tables

Table 1. Care Dynamics Measure Definitions

Measure*	Definition	Levels
HIV Cases Living in DC	Number of cases diagnosed with HIV through 2014 and presumed living in DC at the end of 2015	-
Time to Linkage to Care	Length of time from diagnosis date to first CD4 and/or viral load** lab	<p>≤3 months</p> <p>> 3 months</p>
Care Status	Stability of care in 2015	<p>Retained: At least two viral load and/or CD4 labs reported more than 90 days apart in 2015</p> <p>Sporadic: One viral load or CD4 lab reported in 2015</p> <p>Out of care: No lab reported in 2015</p>
Ever Virally Suppressed	Suppression any time after HIV disease diagnosis	<p>Suppressed: reported viral load ≤200 copies/mL</p> <p>Not suppressed: reported viral load >200 copies/mL</p> <p>No viral load reported</p>
Last Known Viral Status	Suppression status at last known viral load in 2015	<p>Suppressed: reported viral load ≤200 copies/mL</p> <p>Not suppressed: reported viral load >200 copies/mL</p> <p>No viral load reported in 2015</p>

Table 2. Care Dynamics for HIV Cases Living in DC by Selected Characteristics, District of Columbia, 2015

	Living in DC *	Ever Linked to Care		Retained in Care any care in 2015		Retained in Continuous Care in 2015		Ever Virally Suppressed		Suppressed at Last Known Viral Status in 2015	
	N	N	%	N	%	N	%	N	%	N	%
Sex											
Male	9,320	9,111	97.8	6,534	70.1	4,495	48.2	7,233	77.6	5,174	55.5
Female	3,426	3,344	97.6	2,760	80.6	1,939	56.6	2,490	72.7	2,071	60.4
Transgender	248	244	98.4	196	79.0	136	54.8	181	73.0	142	57.3
Race/Ethnicity											
White	2,078	2,047	98.5	1,253	60.3	816	39.3	1,832	88.2	1,097	52.8
Black	9,754	9,524	97.6	7,425	76.1	5,170	53.0	7,135	73.1	5,610	57.5
Hispanic	828	806	97.3	591	71.4	431	52.1	679	82.0	499	60.3
Other**	334	322	96.4	221	66.2	153	45.8	258	77.2	181	54.2
Mode of Transmission											
Sexual contact	9,252	9,090	98.2	6,659	72.0	4,596	49.7	7,165	77.4	5,237	56.6
IDU	1,493	1,478	99.0	1,175	78.7	846	56.7	1,139	76.3	895	59.9
Sexual contact/IDU	440	437	99.3	342	77.7	251	57.0	328	74.5	267	60.7
Other	149	149	100.0	129	86.6	101	67.8	85	57.0	74	49.7
RNI	1,660	1,545	93.1	1,185	71.4	776	46.7	1,187	71.5	914	55.1
Current Age											
0-19	82	74	90.2	70	85.4	55	67.1	49	59.8	45	54.9
20-24	328	304	92.7	244	74.4	166	50.6	18	55.8	152	46.3
25-29	863	819	94.9	593	68.7	388	45.0	533	61.8	418	48.4
30-39	2,433	2,354	96.8	1,688	69.4	1,084	44.6	1,685	69.3	1,231	50.6
40-49	3,241	3,180	98.1	2,335	72.0	1,576	48.6	2,505	77.3	1,850	57.1
50-59	3,942	3,899	98.9	3,028	76.8	2,178	55.3	3,178	80.6	2,410	61.1
60 and older	2,102	2,069	98.4	1,531	72.8	1,123	53.4	1,770	84.2	1,280	60.9
Missing	3	-	0.0	1	33.3	-	0.0	1	33.3	1	33.3
Grand Total	12,994	12,699	97.7	9,490	73.0	6,570	50.6	9,904	76.2	7,387	56.8

Table 2. Care Dynamics for HIV Cases Living in DC by Sex, District of Columbia, 2015

	Living in DC *	Ever Linked to Care		Retained in Care any care in 2015		Retained in Continuous Care in 2015		Ever Virally Suppressed		Suppressed at Last Known Viral Status in 2015	
	N	N	%	N	%	N	%	N	%	N	%
Sex											
Male	9,320	9,111	97.8	6,534	70.1	4,495	48.2	7,233	77.6	5,174	55.5
Female	3,426	3,344	97.6	2,760	80.6	1,939	56.6	2,490	72.7	2,071	60.4
Transgender	248	244	98.4	196	79.0	136	54.8	181	73.0	142	57.3

Table 2. Care Dynamics for HIV Cases Living in DC by Race/Ethnicity, District of Columbia, 2015

	Living in DC *		Ever Linked to Care		Retained in Care any care in 2015		Retained in Continuous Care in 2015		Ever Virally Suppressed		Suppressed at Last Known Viral Status in 2015	
	N	%	N	%	N	%	N	%	N	%	N	%
Race/Ethnicity												
White	2,078		2,047	98.5	1,253	60.3	816	39.3	1,832	88.2	1,097	52.8
Black	9,754		9,524	97.6	7,425	76.1	5,170	53.0	7,135	73.1	5,610	57.5
Hispanic	828		806	97.3	591	71.4	431	52.1	679	82.0	499	60.3
Other**	334		322	96.4	221	66.2	153	45.8	258	77.2	181	54.2

Table 2. Care Dynamics for HIV Cases Living in DC by Mode of Transmission, District of Columbia, 2015

	Living in DC *		Ever Linked to Care		Retained in Care any care in 2015		Retained in Continuous Care in 2015		Ever Virally Suppressed		Suppressed at Last Known Viral Status in 2015	
	N	%	N	%	N	%	N	%	N	%	N	%
Mode of Transmission												
Sexual contact	9,252		9,090	98.2	6,659	72.0	4,596	49.7	7,165	77.4	5,237	56.6
IDU	1,493		1,478	99.0	1,175	78.7	846	56.7	1,139	76.3	895	59.9
Sexual contact/IDU	440		437	99.3	342	77.7	251	57.0	328	74.5	267	60.7
Other	149		149	100.0	129	86.6	101	67.8	85	57.0	74	49.7

Table 2. Care Dynamics for HIV Cases Living in DC by Current Age, District of Columbia, 2015

	Living in DC *		Ever Linked to Care		Retained in Care any care in 2015		Retained in Continuous Care in 2015		Ever Virally Suppressed		Suppressed at Last Known Viral Status in 2015	
	N	%	N	%	N	%	N	%	N	%	N	%
Current Age												
0-19	82		74	90.2	70	85.4	55	67.1	49	59.8	45	54.9
20-24	328		304	92.7	244	74.4	166	50.6	18	55.8	152	46.3
25-29	863		819	94.9	593	68.7	388	45.0	533	61.8	418	48.4
30-39	2,433		2,354	96.8	1,688	69.4	1,084	44.6	1,685	69.3	1,231	50.6
40-49	3,241		3,180	98.1	2,335	72.0	1,576	48.6	2,505	77.3	1,850	57.1
50-59	3,942		3,899	98.9	3,028	76.8	2,178	55.3	3,178	80.6	2,410	61.1
60 and older	2,102		2,069	98.4	1,531	72.8	1,123	53.4	1,770	84.2	1,280	60.9

Table 3. Care Dynamics for HIV Cases Newly Diagnosed with HIV by Selected Characteristics, District of Columbia, 2010-2014

	Newly Diagnosed between 2010-2014 and living in 2015	Linked with 3 months of diagnosis		Viral suppression within 12 months of HIV diagnosis	
	N	N	%	N	%
Sex					
Male	2,252	1,800	79.9	860	38.2
Female	752	612	81.4	297	39.5
Transgender	82	66	80.5	35	42.7
Race/Ethnicity					
White	448	397	88.6	206	46.0
Black	2,282	1,793	78.6	831	36.4
Hispanic	244	200	82.0	113	46.3
Other*	112	88	78.6	42	37.5
Mode of Transmission**					
Sexual contact	2,302	1,877	81.5	919	39.9
IDU	115	76	66.1	27	23.5
Sexual contact/IDU	63	47	74.6	19	30.2
Other	13	12	92.3	5	38.5
RNI	593	466	78.6	222	37.4
Age at Diagnosis					
0-19	132	108	81.8	41	31.1
20-24	492	380	77.2	162	32.9
25-29	477	378	79.2	169	35.4
30-39	738	584	79.1	291	39.4
40-49	659	537	81.5	261	39.6
50-59	419	344	82.1	183	43.7
60 and older	169	147	87.0	85	50.3
Year of Diagnosis					
2010	834	654	78.4	277	33.2
2011	685	555	81.0	255	37.2
2012	642	546	85.0	281	43.8
2013	509	395	77.6	199	39.1
2014	416	328	78.8	180	43.3
Grand Total	3,086	2,478	80.3	1,192	38.6

Table 3. Care Dynamics for HIV Cases Newly Diagnosed with HIV by Gender, District of Columbia, 2010-2014

	Newly Diagnosed between 2010-2014 and living in 2015	Linked with 3 months of diagnosis		Viral suppression within 12 months of HIV diagnosis	
		N	N	%	N
Sex					
Male	2,252	1,800	79.9	860	38.2
Female	752	612	81.4	297	39.5
Transgender	82	66	80.5	35	42.7

Table 3. Care Dynamics for HIV Cases Newly Diagnosed with HIV by Race/Ethnicity, District of Columbia, 2010-2014

	Newly Diagnosed between 2010-2014 and living in 2015	Linked with 3 months of diagnosis		Viral suppression within 12 months of HIV diagnosis	
		N	N	%	N
Race/Ethnicity					
White	448	397	88.6	206	46.0
Black	2,282	1,793	78.6	831	36.4
Hispanic	244	200	82.0	113	46.3
Other*	112	88	78.6	42	37.5

Table 3. Care Dynamics for HIV Cases Newly Diagnosed with HIV by Mode of Transmission, District of Columbia, 2010-2014

	Newly Diagnosed between 2010-2014 and living in 2015	Linked with 3 months of diagnosis		Viral suppression within 12 months of HIV diagnosis	
		N	N	%	N
Mode of Transmission**					
Sexual contact	2,302	1,877	81.5	919	39.9
IDU	115	76	66.1	27	23.5
Sexual contact/IDU	63	47	74.6	19	30.2
Other	13	12	92.3	5	38.5

Table 3. Care Dynamics for HIV Cases Newly Diagnosed with HIV by Age at Diagnosis, District of Columbia, 2010-2014

	Newly Diagnosed between 2010-2014 and living in 2015	Linked with 3 months of diagnosis		Viral suppression within 12 months of HIV diagnosis	
		N	N	%	N
Age at Diagnosis					
0-19	132	108	81.8	41	31.1
20-24	492	380	77.2	162	32.9
25-29	477	378	79.2	169	35.4
30-39	738	584	79.1	291	39.4
40-49	659	537	81.5	261	39.6
50-59	419	344	82.1	183	43.7
60 and older	169	147	87.0	85	50.3

Table 3. Care Dynamics for HIV Cases Newly Diagnosed with HIV by Year of Diagnosis, District of Columbia, 2010-2014

	Newly Diagnosed between 2010-2014 and living in 2015	Linked with 3 months of diagnosis		Viral suppression within 12 months of HIV diagnosis	
		N	N	%	N
Year of Diagnosis					
2010	834	654	78.4	277	33.2
2011	685	555	81.0	255	37.2
2012	642	546	85.0	281	43.8
2013	509	395	77.6	199	39.1
2014	416	328	78.8	180	43.3

Table 4. Care Dynamics Measure Definitions, District of Columbia

Measure	Definition
Clients with one or more medical visits	Ryan White clients with at least one documented primary care visit in 2015
Retained in continuous care in 2014	Having 2 more medical visits in 2015 that were at least 90 days apart
Prescribed HAART	Ryan White clients with documentation of having been prescribed HIV medication
Virally suppressed at last viral status in 2014	Having a viral load result of <200 copies/mL at last viral load test in 2015

Table 5. Characteristics of Care Dynamics among Ryan White Clients, District of Columbia, 2015

	Clients with 1 or more medical visits	Retained in continuous care		Prescribed HAART		Virally suppressed at last recorded viral load test	
	N	N	%	N	%	N	%
Gender Identity							
Male	3,492	3,122	89.4%	3,145	90.1%	2,769	79.3%
Female	1,691	1,552	91.8%	1,519	89.8%	1,349	79.8%
Transgender	205	177	86.3%	176	85.9%	130	63.4%
Age at Time of Service							
0 - 12	59	58	98.3%	55	93.2%	47	79.7%
13 - 24	371	313	84.4%	322	86.8%	235	63.3%
25 - 34	993	863	86.9%	850	85.6%	698	70.3%
35 - 44	1,029	915	88.9%	936	91.0%	823	80.0%
45 - 54	1,582	1,447	91.5%	1,436	90.8%	1,314	83.1%
55 - 64	1,095	1,012	92.4%	998	91.1%	903	82.5%
65+	259	243	93.8%	243	93.8%	228	88.0%
Race							
White	676	601	88.9%	626	92.6%	545	80.6%
Black	4,434	4,000	90.2%	3,975	89.6%	3,480	78.5%
Asian	33	33	100.0%	30	90.9%	29	87.9%
Native Hawaiian/Pacific Islander	7	4	57.1%	5	71.4%	5	71.4%
American Indian/Alaska Native	26	20	76.9%	23	88.5%	17	65.4%
Unknown	212	191	90.1%	181	85.4%	172	81.1%
Ethnicity							
Hispanic	530	478	90.2%	481	90.8%	413	77.9%
Non-Hispanic	4,858	4,373	90.0%	4,359	89.7%	3,835	78.9%
Mode of HIV Transmission							
MSM	1,878	1,669	88.9%	1,690	90.0%	1,439	76.6%
IDU	153	137	89.5%	140	91.5%	123	80.4%
Heterosexual contact	2,070	1,877	90.7%	1,901	91.8%	1,635	79.0%
Risk not reported or not identified	367	329	89.6%	325	88.6%	302	82.3%
Other*	240	222	92.5%	221	92.1%	162	52.1%
Total	5,388	4,851	90.0%	4,840	90.0%	4,248	78.8%

Table 5. Gender of Care Dynamics among Ryan White Clients, District of Columbia, 2015

	Clients with 1 or more medical visits	Retained in continuous care		Prescribed HAART		Virally suppressed at last recorded viral load test	
		N	N	%	N	%	N
Gender Identity							
Male	3,492	3,122	89.4%	3,145	90.1%	2,769	79.3%
Female	1,691	1,552	91.8%	1,519	89.8%	1,349	79.8%
Transgender	205	177	86.3%	176	85.9%	130	63.4%

Table 5. Age at Time of Service of Care Dynamics among Ryan White Clients, District of Columbia, 2015

	Clients with 1 or more medical visits	Retained in continuous care		Prescribed HAART		Virally suppressed at last recorded viral load test	
		N	N	%	N	%	N
Age at Time of Service							
0 - 12	59	58	98.3%	55	93.2%	47	79.7%
13 - 24	371	313	84.4%	322	86.8%	235	63.3%
25 - 34	993	863	86.9%	850	85.6%	698	70.3%
35 - 44	1,029	915	88.9%	936	91.0%	823	80.0%
45 - 54	1,582	1,447	91.5%	1,436	90.8%	1,314	83.1%
55 - 64	1,095	1,012	92.4%	998	91.1%	903	82.5%
65+	259	243	93.8%	243	93.8%	228	88.0%

Table 5. Race and Ethnicity at Time of Service of Care Dynamics among Ryan White Clients, District of Columbia, 2015

	Clients with 1 or more medical visits	Retained in continuous care		Prescribed HAART		Virally suppressed at last recorded viral load test	
		N	N	%	N	%	N
Race							
White	676	601	88.9%	626	92.6%	545	80.6%
Black	4,434	4,000	90.2%	3,975	89.6%	3,480	78.5%
Asian	33	33	100.0%	30	90.9%	29	87.9%
Native Hawaiian/Pacific Islander	7	4	57.1%	5	71.4%	5	71.4%
American Indian/Alaska Native	26	20	76.9%	23	88.5%	17	65.4%
Unknown	212	191	90.1%	181	85.4%	172	81.1%
Ethnicity							
Hispanic	530	478	90.2%	481	90.8%	413	77.9%
Non-Hispanic	4,858	4,373	90.0%	4,359	89.7%	3,835	78.9%

Table 5. Mode of HIV Transmission at Time of Service of Care Dynamics among Ryan White Clients, District of Columbia, 2015

	Clients with 1 or more medical visits	Retained in continuous care		Prescribed HAART		Virally suppressed at last recorded viral load test	
		N	N	%	N	%	N
Mode of HIV Transmission							
MSM	1,878	1,669	88.9%	1,690	90.0%	1,439	76.6%
IDU	153	137	89.5%	140	91.5%	123	80.4%
Heterosexual contact	2,070	1,877	90.7%	1,901	91.8%	1,635	79.0%
Risk not reported or not identified	367	329	89.6%	325	88.6%	302	82.3%
Other*	240	222	92.5%	221	92.1%	162	52.1%