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FY 2017 PERFORMANCE MEASURES HIGHLIGHTS

RYAN WHITE GRANT ADMINISTRATION

HARRIS COUNTY PUBLIC HEALTH (HCPH)

HCPH is the local public health agency for the Harris County, Texas jurisdiction. It provides a wide variety of public health activities and services aimed at improving the health and well-being of the Harris County community.

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Highlights from FY 2017 Performance Measures

Measures in this report are based on the 2017 Houston Ryan White Quality Management Plan, Appendix B. HIV Performance Measures.

Clinical Case Management

- During FY 2017, from 3/1/2017 through 2/28/2018, 1,265 clients utilized Part A clinical case management. According to CPCDMS, 632 (50%) of these clients accessed primary care two or more times at least three months apart during this time period after utilizing clinical case management.
- Among these clients, 328 (26%) clients accessed mental health services at least once during this time period after utilizing clinical case management.
- For clients who have lab data in CPCDMS, 71% were virally suppressed

Local Pharmacy Assistance

- Among LPAP clients with viral load tests, 2,913 (72%) clients were virally suppressed during this time period.

Medical Case Management

- During FY 2017, 5,189 clients utilized Part A medical case management. According to CPCDMS, 2,626 (51%) of these clients accessed primary care two or more times at least three months apart during this time period after utilizing medical case management.
- Among these medical case management clients, 699 (14%) clients accessed mental health services at least once during this time period after utilizing medical case management.
- Among these clients, 1,764 (34%) clients had third-party payer coverage after accessing medical case management.

Primary Medical Care

- During FY 2017, 7,512 clients utilized Part A primary medical care. According to CPCDMS, 4,231 (73%) of these clients accessed primary care two or more times at least three months apart during this time period.
- Among clients whose initial primary care medical visit occurred during this time period, 291 (22%) had an AIDS diagnosis (CD4 < 200) within the first 90 days of initial enrollment in primary medical care.
- Among these clients, 82% had a viral load test performed at least every six months during this time period.
- Among clients with viral load tests, 71% were virally suppressed during this time period.
- During FY 2017, the average wait time for an initial appointment availability to enroll in primary medical care was 13 days, while the average wait time for an appointment availability to receive primary medical care was 12 days.

Non-Medical Case Management / Service Linkage

- During FY 2017, 7,084 clients utilized Part A non-medical case management / service linkage. According to CPCDMS, 3,259 (46%) of these clients accessed primary care two or more times at least three months apart during this time period after utilizing non-medical case management.

- Among these clients, 372 (43%) clients utilized primary medical care for the first time after accessing service linkage for the first time.
- Among these clients, the median number of days between the first service linkage visit and the first primary medical care visit was 18 days during this time period.

Substance Abuse Treatment

- During FY 2017, 12 (46%) clients utilized primary medical care after accessing Part A substance abuse treatment services.
- Among clients with viral load tests, 67% were virally suppressed during this time period.

Transportation

- Van-Based Transportation:
 - During FY 2017, 498 (66%) clients accessed primary care after utilizing van transportation services.
 - Among van-based transportation clients, 388 (52%) clients accessed LPAP services at least once during this time period after utilizing van transportation services.
- Bus Pass Transportation:
 - During FY 2017, 809 (34%) clients accessed primary care after utilizing bus pass services.
 - Among bus pass clients, 471 (20%) clients accessed LPAP services at least once during this time period after utilizing bus pass services.
 - Among bus pass clients, 1,833 (76%) clients accessed any RW or State service after accessing bus pass services.

Vision Care

- During FY 2017, 1,584 clients were diagnosed with HIV/AIDS related and general ocular disorders. Among 636 clients with follow-up appointments, 590 (93%) clients had disorders that were either resolved, improved or had remained the same.

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Clinical Case Management
All Providers

For FY 2017 (3/1/2017 to 2/28/2018), 1,265 clients utilized Part A clinical case management.

HIV Performance Measures	FY 2016	FY 2017	Change
A minimum of 75% of clients will utilize Part A/B/C/D primary care two or more times at least three months apart after accessing clinical case management	685 (48.7%)	632 (50.0%)	1.3%
Percentage of clinical case management clients who utilized mental health services	360 (25.6%)	328 (25.9%)	0.3%
75% of clients for whom there is lab data in the CPCDMS will be virally suppressed (<200)	501 (69.0%)	466 (71.1%)	2.1%
Percentage of clients who were homeless or unstably housed	322 (22.9%)	217 (17.2%)	-5.7%

According to CPCDMS, 27 (2.1%) clients utilized primary care for the first time and 96 (7.6%) clients utilized mental health services for the first time after accessing clinical case management.

Clinical Chart Review Measures	FY 2016
*Percentage of clinical case management clients who had a case management care plan developed and/or updated two or more times in the measurement year	41%
Percentage of clients identified with an active substance abuse condition receiving Ryan White funded substance abuse treatment	30%

*For FY 2017, due to limited data, combined clinical/medical case management plans were evaluated.

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Local Pharmacy Assistance
All Providers

HIV Performance Measures	FY 2016	FY 2017	Change
75% of clients for whom there is lab data in the CPCDMS will be virally suppressed (<200)	2,839 (72.6%)	2,913 (72.3%)	-0.3%

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Medical Case Management
All Providers

For FY 2017 (3/1/2017 to 2/28/2018), 5,189 clients utilized Part A medical case management.

HIV Performance Measures	FY 2016	FY 2017	Change
A minimum of 85% of clients will utilize Part A/B/C/D primary care two or more times at least three months apart after accessing medical case management	2,553 (50.3%)	2,626 (50.6%)	0.3%
Percentage of medical case management clients who utilized mental health services	616 (12.1%)	699 (13.5%)	1.4%
Increase in the percentage of clients who have third-party payer coverage (e.g. Medicare, Medicaid) after accessing medical case management	1,909 (37.6%)	1,764 (34.0%)	-3.6%
75% of clients for whom there is lab data in the CPCDMS will be virally suppressed (<200)	2,032 (67.7%)	2,004 (67.5%)	-0.2
Percentage of clients who had at least one medical visit in each six-month period of the 24-month measurement period with a minimum of 60 days between medical visits	770 (40.3%)		
Percentage of clients who did not have a medical visit in the last six months of the measurement year	591 (23.9%)	660 (25.5%)	1.6%
Percentage of clients who were homeless or unstably housed	1,190 (23.5%)	1,001 (19.3%)	-4.2%

According to CPCDMS, 112 (2.2%) clients utilized primary care for the first time and 257 (5.0%) clients utilized mental health services for the first time after accessing medical case management.

Clinical Chart Review Measures	FY 2016
*60% of medical case management clients will have a case management care plan developed and/or updated two or more times in the measurement year	41%

*For FY 2017, due to limited data, combined clinical/medical case management plans were evaluated.

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Medical Nutritional Supplements
All Providers

HIV Performance Measures	FY 2016	FY 2017	Change
75% of clients for whom there is lab data in the CPCDMS will be virally suppressed (<200)	378 (77.8%)	384 (80.7%)	2.9%
90% of clients diagnosed with wasting syndrome or suboptimal body mass will improve or maintain body mass index (BMI) in the measurement year	9 (75.0%)	6 (60.0%)	-15.0%

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Oral Health Care
All Providers

HIV Performance Measures	FY 2017
75% of HIV-related and general oral pathologies will be resolved, improved or maintained at most recent follow-up	No data is available

Clinical Chart Review Measures*	FY 2015	FY 2016
75% of oral health clients will have a dental health history (initial or updated) at least once in the measurement year	93%	87%
75% of oral health clients will have a medical health history (initial or updated) at least once in the measurement year	83%	87%
90% of oral health clients will have a dental treatment plan developed and/or updated at least once in the measurement year	81%	94%
85% of oral health clients will receive oral health education at least once in the measurement year	80%	88%
90% of oral health clients will have a periodontal screen or examination at least once in the measurement year	92%	84%
60% oral health clients will have a Phase 1 treatment plan that is completed within 12 months	86%	71%

* To review the full FY 2016 chart review reports, please visit:
<http://publichealth.harriscountytexas.gov/Services-Programs/Programs/RyanWhite/Quality>

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Primary Medical Care
All Providers

For FY 2017 (3/1/2017 to 2/28/2018), 7,512 clients utilized Part A primary medical care.

HIV Performance Measures	FY 2016	FY 2017	Change
90% of clients will have two or more medical visits, at least 90 days apart, in an HIV care setting in the measurement year	4,205 (75.3%)	4,231 (73.2%)	-2.1%
Less than 20% of clients who have a CD4 < 200 within the first 90 days of initial enrollment in primary medical care	266 (17.9%)	291 (22.2%)	4.3%
80% of clients aged six months and older with a diagnosis of HIV/AIDS will have at least two CD4 cell counts or percentages performed during the measurement year at least three months apart	3,782 (67.7%)	4,010 (69.4%)	1.7%
95% of clients will have Hepatitis C (HCV) screening performed at least once since the diagnosis of HIV infection	5,486 (74.2%)	5,694 (75.8%)	1.6%
Percentage of clients who received an oral exam by a dentist at least once during the measurement year	1,837 (24.8%)	1,813 (24.1%)	-0.7%
85% of clients will have a test for syphilis performed within the measurement year	5,960 (80.7%)	5,902 (78.7%)	-2.0%
95% of clients will be screened for Hepatitis B virus infection status (ever)	5,846 (79.1%)	6,219 (82.8%)	3.7%
90% of clients will have a viral load test performed at least every six months during the measurement year	3,584 (79.7%)	3,695 (81.7%)	2.0%
80% of clients for whom there is lab data in the CPCDMS will be virally suppressed (< 200)	7,189 (71.3%)	7,317 (71.4%)	0.1%
Percentage of clients who had at least one medical visit in each six-month period of the 24-month measurement period with a minimum of 60 days between medical visits	2,248 (23%)		
Percentage of clients who did not have a medical visit in the last six months of the measurement year	1,542 (27.6%)	1,716 (29.7%)	2.1%
100% of Ryan White Part A program-funded outpatient/ambulatory care organizations in the system/network will have a waiting time of 15 or fewer business days for a Ryan White Part A program-eligible patient to receive an initial appointment to enroll in outpatient/ambulatory medical care	Data below		
Percentage of Ryan White Part A program-funded outpatient/ambulatory care organizations in the system/network who had a waiting time of 15 or fewer business days for a Ryan White Part A program-eligible patient to receive an appointment for outpatient/ambulatory medical care	Data below		

For FY 2017, 60% of Ryan White Part A outpatient/ambulatory care organizations provided a waiting time of 15 or fewer business days for a program-eligible patient to receive an initial appointment to enroll in medical care.

**Average wait time for initial appointment availability to enroll in outpatient/ambulatory medical care:
EMA = 13 Days**

Agency 1:	18
Agency 2:	13
Agency 3:	19
Agency 4:	4
Agency 5:	9

For FY 2017, 60% of Ryan White Part A outpatient/ambulatory care organizations provided a waiting time of 15 or fewer business days for a program-eligible patient to receive an appointment for medical care.

**Average wait time for appointment availability to receive outpatient/ambulatory medical care:
EMA = 12 Days**

Agency 1:	N/A
Agency 2:	10
Agency 3:	27
Agency 4:	4
Agency 5:	7

Clinical Chart Review Measures*	FY 2015	FY 2016
100% of clients will be prescribed Pneumocystis jiroveci pneumonia (PCP) prophylaxis	93.0%	100%
100% of pregnant women will be prescribed antiretroviral therapy	100%	100%
75% of female clients will receive cervical cancer screening in the last three years	68.2%	80.1%
55% of clients will complete the vaccination series for Hepatitis B	59.9%	55.6%
85% of clients will receive HIV risk counseling within the measurement year	71.3%	69.4%
95% of clients will be screened for substance abuse (alcohol and drugs) in the measurement year	98.7%	98.6%
90% of clients who were prescribed HIV antiretroviral therapy will have a fasting lipid panel during the measurement year	88.4%	88.9%
65% of clients at risk for sexually transmitted infections will have a test for gonorrhea and chlamydia within the measurement year	69.6%	72.9%
75% of clients for whom there was documentation that a TB screening test was performed and results interpreted (for tuberculin skin tests) at least once since the diagnosis of HIV infection	67.1%	66.9%
65% of clients seen for a visit between October 1 and March 31 will receive an influenza immunization OR will report previous receipt of an influenza immunization	56.3%	53.1%
95% of clients will be screened for clinical depression using a standardized tool with follow-up plan documented	92.3%	87.9%
90% of clients will have ever received pneumococcal vaccine	87.8%	86.7%
100% of clients will be screened for tobacco use at least one during the two-year measurement period and who received cessation counseling intervention if identified as a tobacco user	100%	99.4%
95% of clients will be prescribed antiretroviral therapy for the treatment of HIV infection during the measurement year	96.5%	98.6%
85% of clients will have an HIV drug resistance test performed before initiation of HIV antiretroviral therapy if therapy started during the measurement year	70.0%	69.2%

* To view the full FY 2016 chart review reports, please visit:
<http://publichealth.harriscountytexas.gov/Services-Programs/Programs/RyanWhite/Quality>

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Non-Medical Case Management / Service Linkage
All Providers

For FY 2017 (3/1/2017 to 2/28/2018), 7,084 clients utilized Part A non-medical case management.

HIV Performance Measures	FY 2016	FY 2017	Change
A minimum of 70% of clients will utilize Part A/B/C/D primary care two or more times at least three months apart after accessing non-medical case management (service linkage)	3,072 (45.0%)	3,259 (46.0%)	1.0%
Percentage of clients who utilized primary medical care for the first time after accessing service linkage for the first time	508 (52.5%)	372 (42.9%)	-9.6%
Number of days between first ever service linkage visit and first ever primary medical care visit:			
Mean	36	35	-2.8%
Median	21	18	-14.3%
Mode	14	1	-92.9%
60% of newly-enrolled clients will have a medical visit in each of the four-month periods of the measurement year	132 (46.3%)	119 (43.1%)	-3.2%

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Substance Abuse Treatment
All Providers

HIV Performance Measures	FY 2016	FY 2017	Change
A minimum of 70% of clients will utilize Parts A/B/C/D primary medical care after accessing Part A-funded substance abuse treatment services*	18 (62.1%)	12 (46.2%)	-15.9%
55% of clients for whom there is lab data in the CPCDMS will be virally suppressed (<200)	17 (73.9%)	14 (66.7%)	-7.2%
Change in the rate of program completion over time	See data below		

***Overall, the number of clients who received primary care in FY 2017 was 15 (62.5%), with 12 receiving the services through Ryan White and 3 receiving the services through other insurance such as Medicare.**

Number of clients completing substance abuse treatment program during FY 2017 (March 2017 to February 2018): **16**

Number of clients engaged in substance abuse treatment program during FY 2017: **24**

Number of clients completing substance abuse treatment during FY 2017 who entered treatment in FY 2016: **4**

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Transportation
All Providers

Van-Based Transportation	FY 2016	FY 2017	Change
A minimum of 50% of clients will utilize Parts A/B/C/D primary care services after accessing Van Transportation services	493 (69.1%)	498 (66.2%)	-2.9%
35% of clients will utilize Parts A/B LPAP services after accessing Van Transportation services	386 (54.1%)	388 (51.6%)	-2.5%

Bus Pass Transportation	FY 2016	FY 2017	Change
A minimum of 50% of clients will utilize Parts A/B/C/D primary care services after accessing Bus Pass services	914 (37.3%)	809 (33.5%)	-3.8%
A minimum of 20% of clients will utilize Parts A/B LPAP services after accessing Bus Pass services	535 (21.8%)	471 (19.5%)	-2.3%
A minimum of 65% of clients will utilize any RW Part A/B/C/D or State Services service after accessing Bus Pass services	1,955 (79.7%)	1,833 (75.8%)	-3.9%

Ryan White Part A
HIV Performance Measures
FY 2017 Report

Vision Care
All Providers

HIV Performance Measures	FY 2017
75% of clients with diagnosed HIV/AIDS related and general ocular disorders will resolve, improve or stay the same over time	See ocular disorder table

Clinical Chart Review Measures*	FY 2015	FY 2016
100% of vision clients will have a medical health history (initial or updated) at least once in the measurement year	100%	100%
100% of vision clients will have a vision history (initial or updated) at least once in the measurement year	100%	100%
100% of vision clients will have a comprehensive eye exam at least once in the measurement year	100%	100%

* To review the full FY 2016 chart review reports, please visit:
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Ocular Disorder	Number of Diagnoses	Number with Follow-up	*Resolved		*Improved		*Same		*Worsened	
			#	%	#	%	#	%	#	%
Accommodation Spasm	2	0								
Acute Retinal Necrosis										
Anisocoria	9	6					6	100%		
Bacterial Retinitis										
Cataract	256	102			1	6%	82	80%	19	19%
Chalazion	1	1			1	100%				
Chorioretinal Scar	12	5					4	80%	1	20%
Chorioretinitis	1	1					1	100%		
CMV Retinitis - Active										
CMV Retinitis - Inactive										
Conjunctivitis	23	9	1	11%	3	33%	4	44%	1	11%
Covergence Excess										
Convergence Insufficiency										
Corneal Edema										
Corneal Erosion										
Corneal Foreign Body										
Corneal Opacity	57	15					15	100%		
Corneal Ulcer										
Cotton Wool Spots										
Diabetic Retinopathy	3	2			1	50%			1	50%
Dry Eye Syndrome	679	305			1	0%	296	97%	8	3%
Ecchymosis	1	0								
Esotropia	1	0								
Exotropia	10	5	1	20%			4	80%		
Glaucoma	8	4					2	50%	2	50%
Glaucoma Suspect	127	66	5	8%	16	24%	38	58%	7	11%
Iritis	3	1	1	100%						
Kaposi Sarcoma										
Keratitis	14	1	1	100%						
Keratoconjunctivitis										
Keratoconus	6	0								
Lagophthalmos	1	1					1	100%		
Macular Hole	1	0								
Meibomianitis										
Molluscum Contagiosum										
Optic Atrophy	15	1					1	100%		
Papilledema	1	0								

Ocular Disorder	Number of Diagnoses	Number with Follow-up	*Resolved		*Improved		*Same		*Worsened	
			#	%	#	%	#	%	#	%
Paresis of Accommodation										
Pseudophakia	9	3					3	100%		
Refractive Change/Transient										
Retinal Detachment	2	1							1	100%
Retinal Hemorrhage	1	0								
Retinopathy HTN	2	1					1	100%		
Retinal Hole/Tear	1	1					1	100%		
Suspicious Optic Nervehead(s)	1	0								
Toxoplasma Retinochoriochitis										
Thyroid Eye Disease										
Visual Field Defect	21	6					6	100%		
Vitreous Degeneration	2	1							1	100%
Other	314	98			5	5%	88	90%	5	5%
Total	1,584	636 (40%)	9	1%	28	4%	553	87%	46	7%