

2016 HIV SURVEILLANCE DATA



IN THE U.S.

In 2015, an estimated 39,513 people were diagnosed with HIV infection in the United States. 1 in 7 individuals living with HIV don't know their status. (cdc.gov, Sept. 18, 2017)

IN TEXAS

As of 2016, 86,669 individuals were known to be living with HIV in Texas.

In 2016, 4,493 cases of HIV were newly diagnosed in Texas.



DISPARITIES

Gay and Bisexual men continue to be most affected by the HIV epidemic in the U.S.

At current rates.

- 1 in 6 MSM will be diagnosed with HIV in their lifetime,
- 1 in 2 black MSM
- 1 in 4 Latino MSM
- 1 in 11 white MSM (Center for Disease Control and Prevention 2016)

HIV DIAGNOSIS RATES BY SEX, RACE/ ETHNICITY AND AGE GROUP, 2005-2016

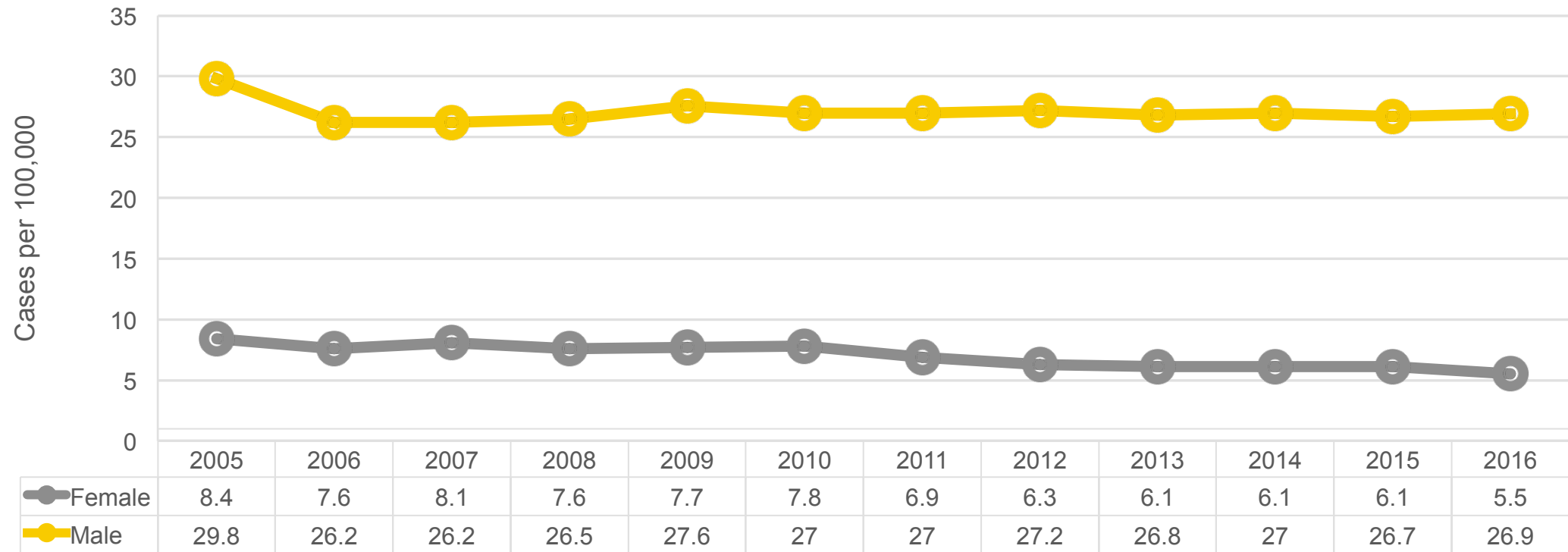
	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Sex																								
Female	962	8.4	905	7.7	980	8.2	939	8	965	8	992	8	888	7	840	6	816	6	823	6	842	6.1	773	5.5
Male	3,368	29.8	3,071	26.5	3,139	26.6	3,239	27	3,405	28	3,485	28	3,422	27	3,520	27	3,541	27	3,582	27	3644	26.7	3720	26.9
Total	4,330		3,976		4,119		4,178		4,370		4,477		4,310		4,360		4,357		4,405		4,86		4,493	
Race																								
White	1,190	10.6	995	8.8	961	8.4	976	9	944	8	923	8	879	8	909	8	935	8	919	8	940	7.8	937	7.7
Black	1,598	60.7	1,604	57.9	1,616	57.4	1,696	59	1,735	59	1,764	59	1,595	52	1,595	51	1,634	51	1,649	51	1657	49.8	1,623	47.8
Hispanic	1,366	17.1	1,233	14.8	1,347	15.6	1,333	15	1,475	16	1,555	16	1,585	16	1,638	16	1,581	16	1,650	16	1706	16	1,745	16.0
Other	36	4.1	35	3.8	42	4.3	47	5	44	4	58	5	73	6	64	5	78	6	83	6	94	6.5	80	5.4
Unknown	140	0.0	109	0.0	153	0.0	126	0	172	0	177	0	178	0	154	0	129	0	104	0	89		108	
Age Group																								
0 - 9	12	0.3	12	0.3	23	0.6	17	0.45	19	0.5	14	0.36	24	0.62	16	0.41	14	0.36	12	0.3	13	0.3	8	.2
10 - 14	5	0.3	8	0.5	5	0.3	2	0.11	6	0.32	5	0.27	5	0.26	9	0.46	6	0.31	7	0.35	4	.02	6	.3
15 - 19	143	8.2	172	9.6	186	10.2	197	10.67	254	13.55	252	13.38	230	12.23	242	12.86	206	10.89	215	11.29	221	11.4	218	11.1
20 - 24	491	28.1	495	28.1	563	31.9	664	37.35	724	40.27	797	43.86	800	42.64	812	41.94	823	41.71	917	45.84	876	43.4	815	40.6
25 - 29	662	40.3	618	36.3	657	37.4	675	37.29	691	37.52	676	36.48	692	36.85	734	38.6	810	42.13	847	43.04	851	42.1	989	47.8
30 - 34	665	40.2	580	35.0	571	34.2	577	34.23	628	36.42	644	36.58	564	31	632	33.8	639	33.32	594	30.34	691	34.7	707	35.1
35 - 39	735	45.3	602	36.0	619	36.0	592	33.86	549	31.13	532	30.17	494	28.22	466	26.5	450	25.34	488	26.96	503	27.0	457	23.9
40 - 44	649	37.9	583	34.2	554	32.8	512	30.53	518	30.86	509	30.03	464	26.53	458	25.62	417	23.04	404	22.14	366	20	345	19.0
45+	968	13.1	906	11.8	941	11.8	942	11.49	981	11.61	1048	12.14	1037	11.65	991	10.88	992	10.65	921	9.66	961	9.8	948	9.5
Unknown	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
Total	4330	19.0	3976	17.0	4119	17.3	4178	17.19	4370	17.62	4477	17.8	4310	16.8	4360	16.71	4357	16.44	4405	16.34	4,486	16.3	4,493	16.1

* Rates represent cases per 100,000 population.



HIV DIAGNOSIS RATES BY SEX AND YEAR OF DIAGNOSIS, 2005-2016

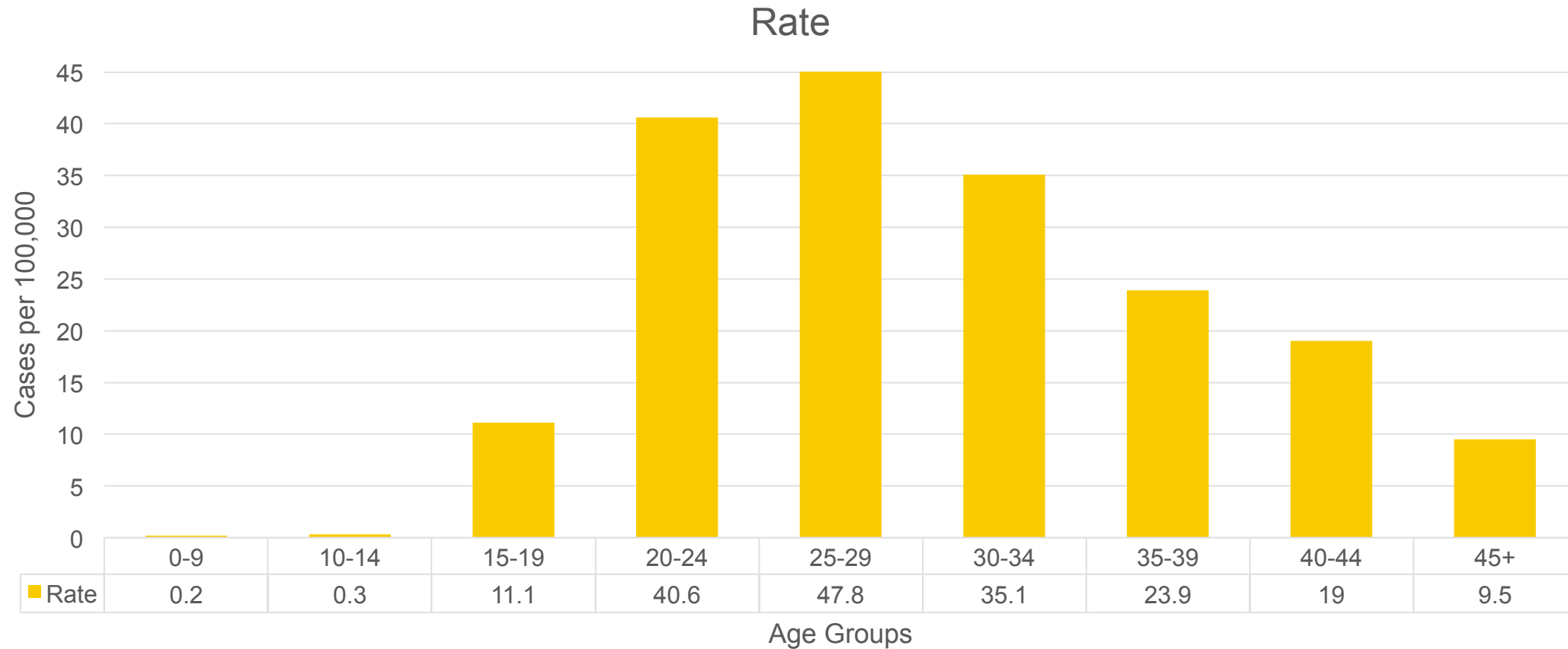
Chart Title



Rates per Year

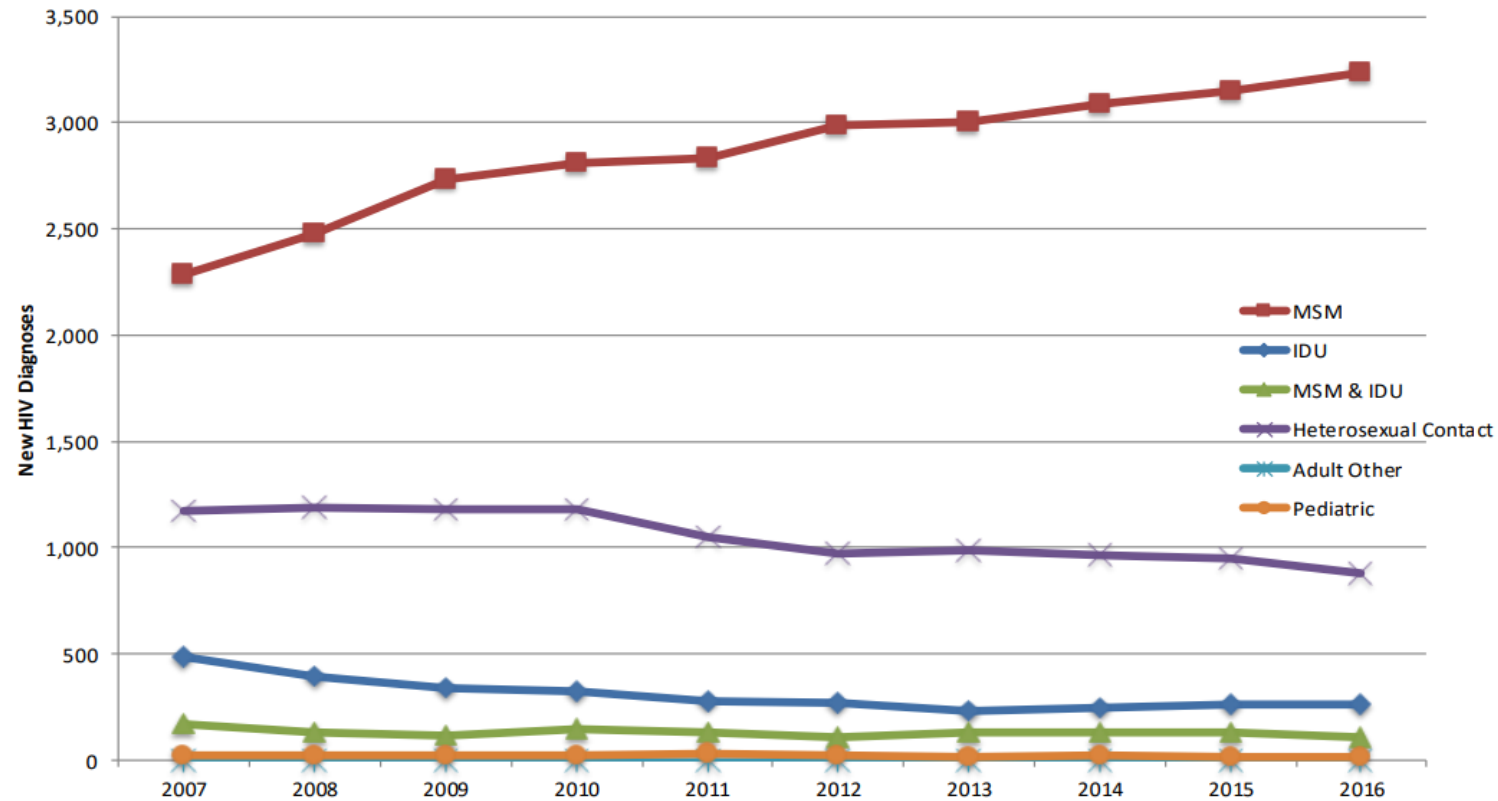


HIV DIAGNOSIS RATES BY AGE AT DIAGNOSIS, 2016



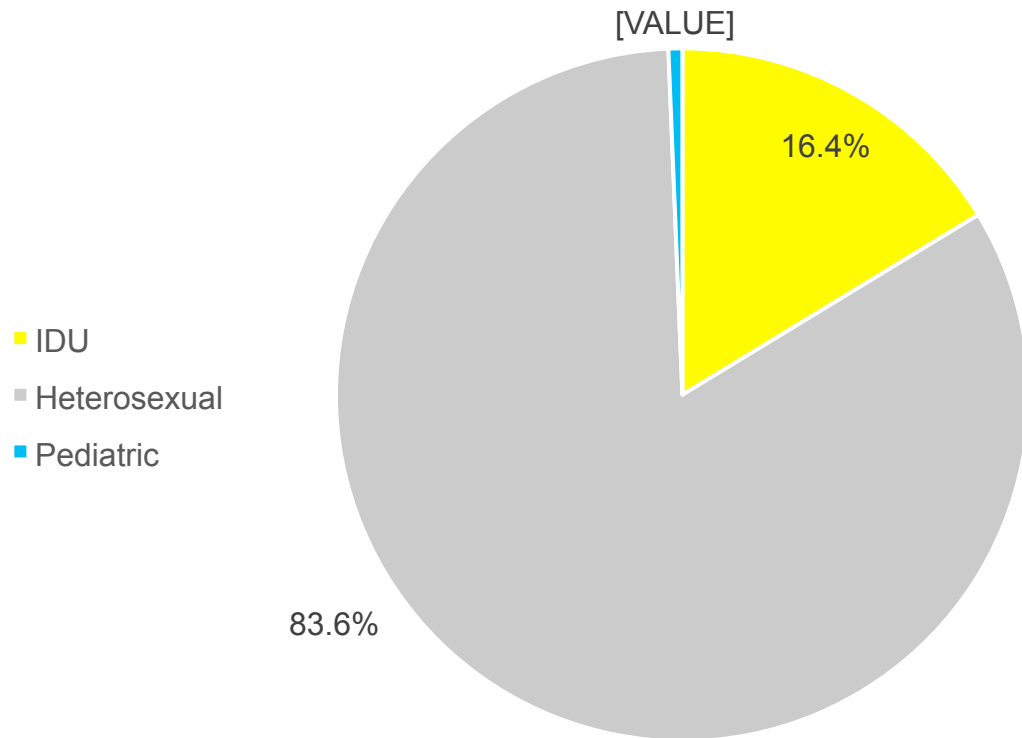
NEW HIV DIAGNOSES BY MODE OF TRANSMISSION, 2007-2016

New HIV Diagnoses by Mode of Transmission in Texas, 2007-2016

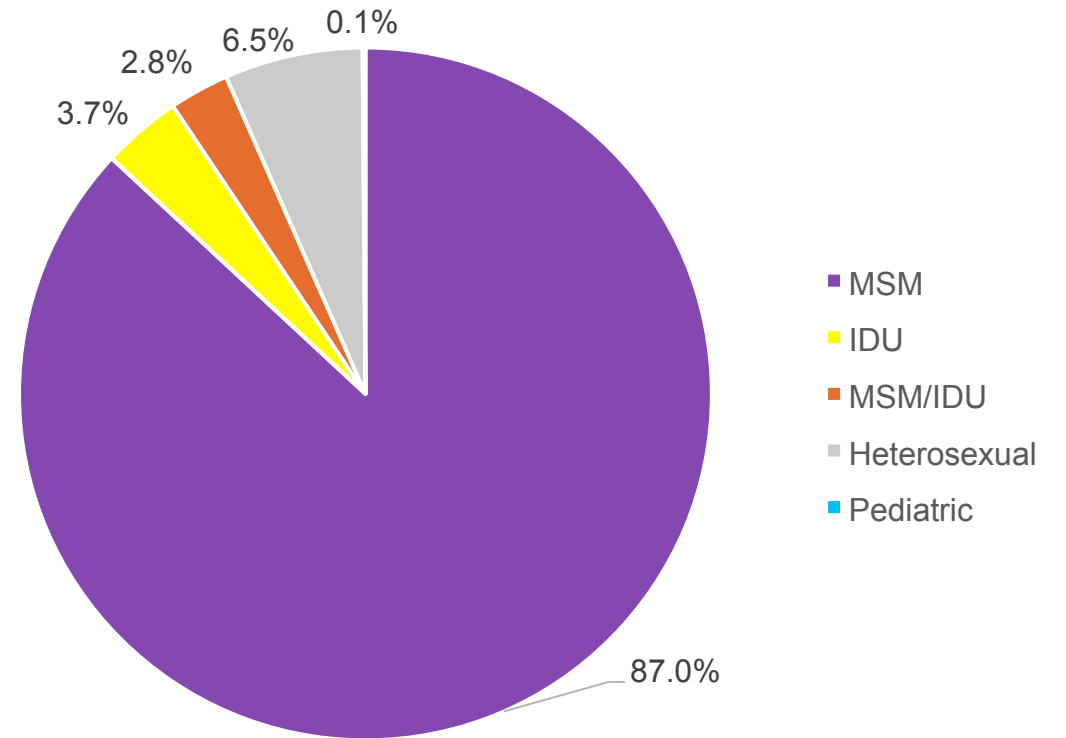


NEW HIV DIAGNOSES BY MODE OF TRANSMISSION AND SEX, 2016

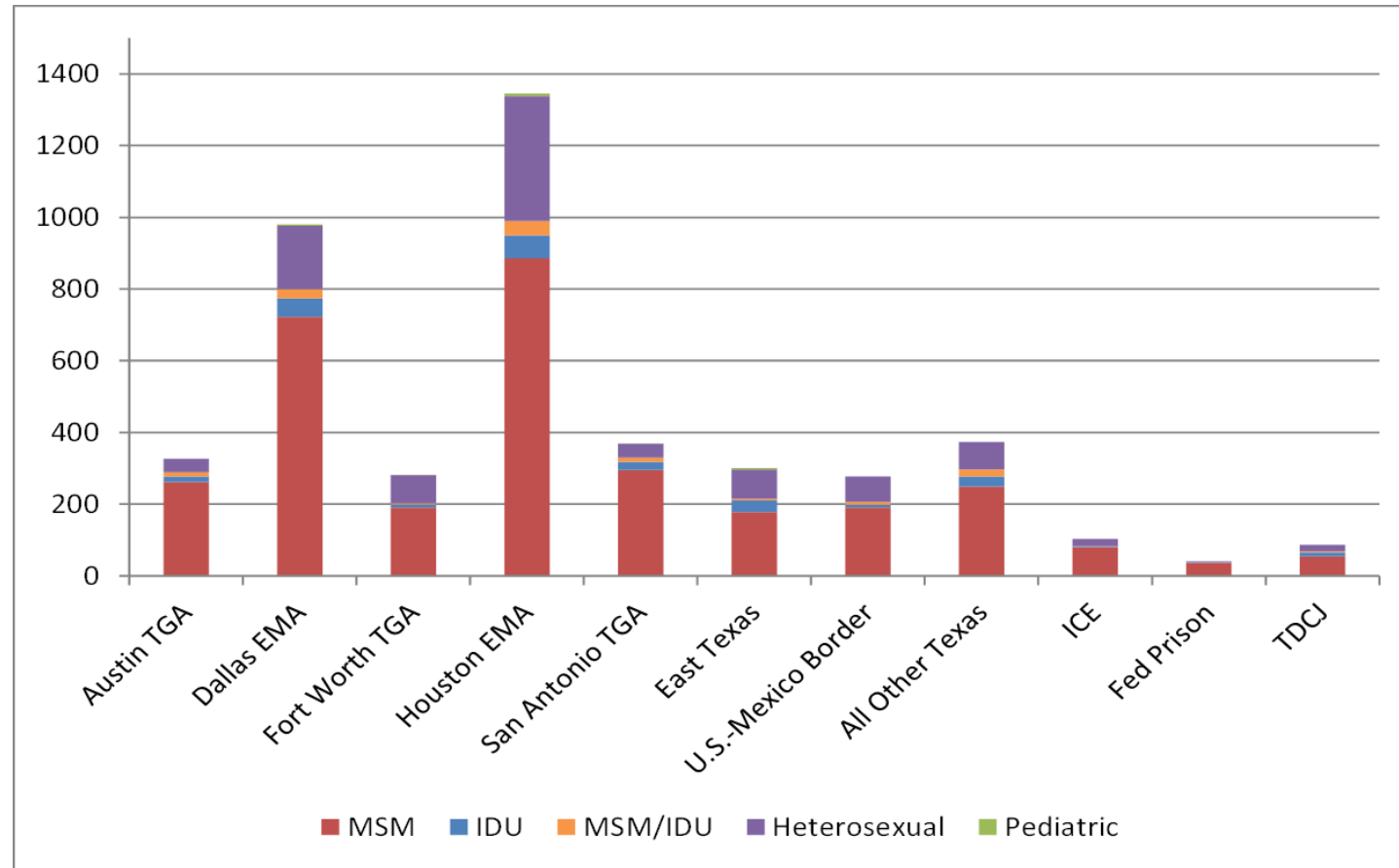
Female



Male



NEW DIAGNOSES BY MODE OF TRANSMISSION FOR EMA/TGA*, 2016



*Emerging Metropolitan Areas (EMAs) and Transitional Grant Areas (TGAs) are Metropolitan areas consisting of several counties designated by the Ryan White Program for funding purposes

PEOPLE LIVING WITH HIV (PLWH) IN TEXAS

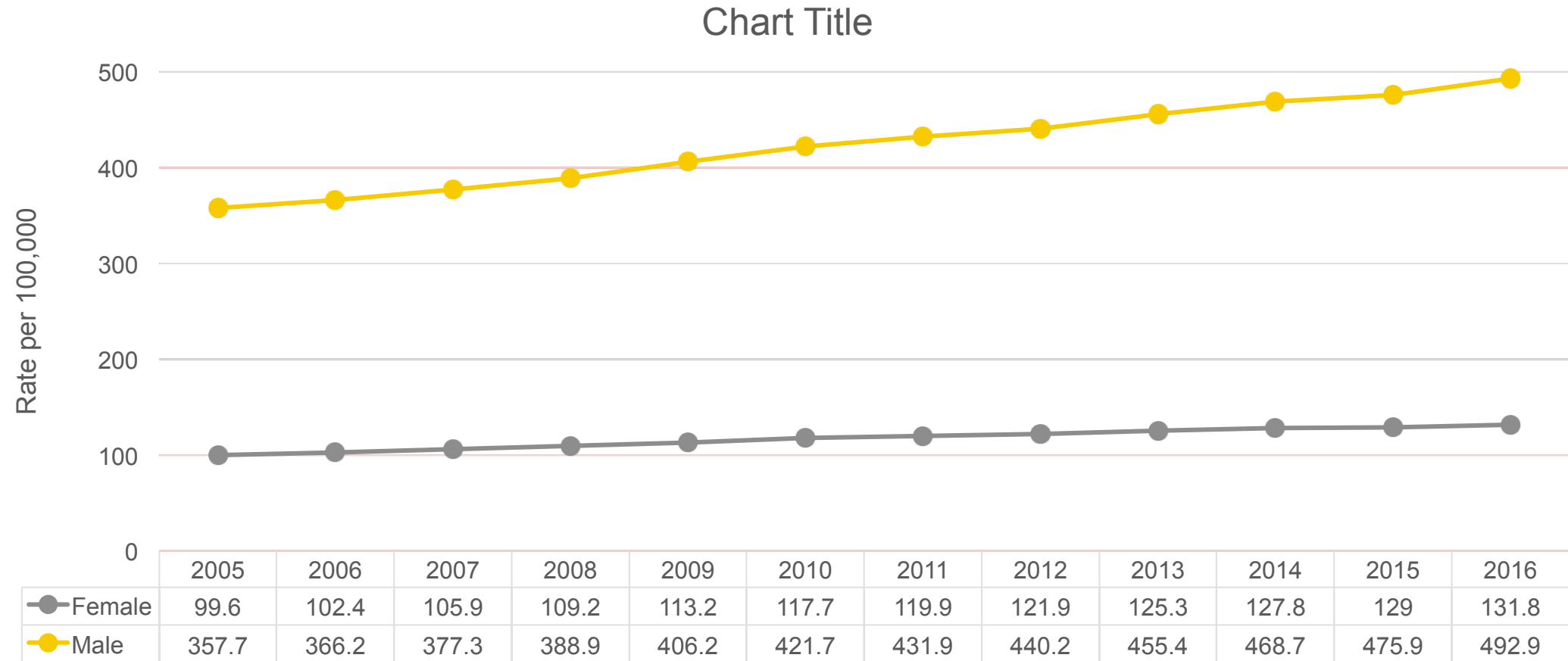


PLWH BY SEX, RACE/ETHNICITY AND AGE GROUP, 2016

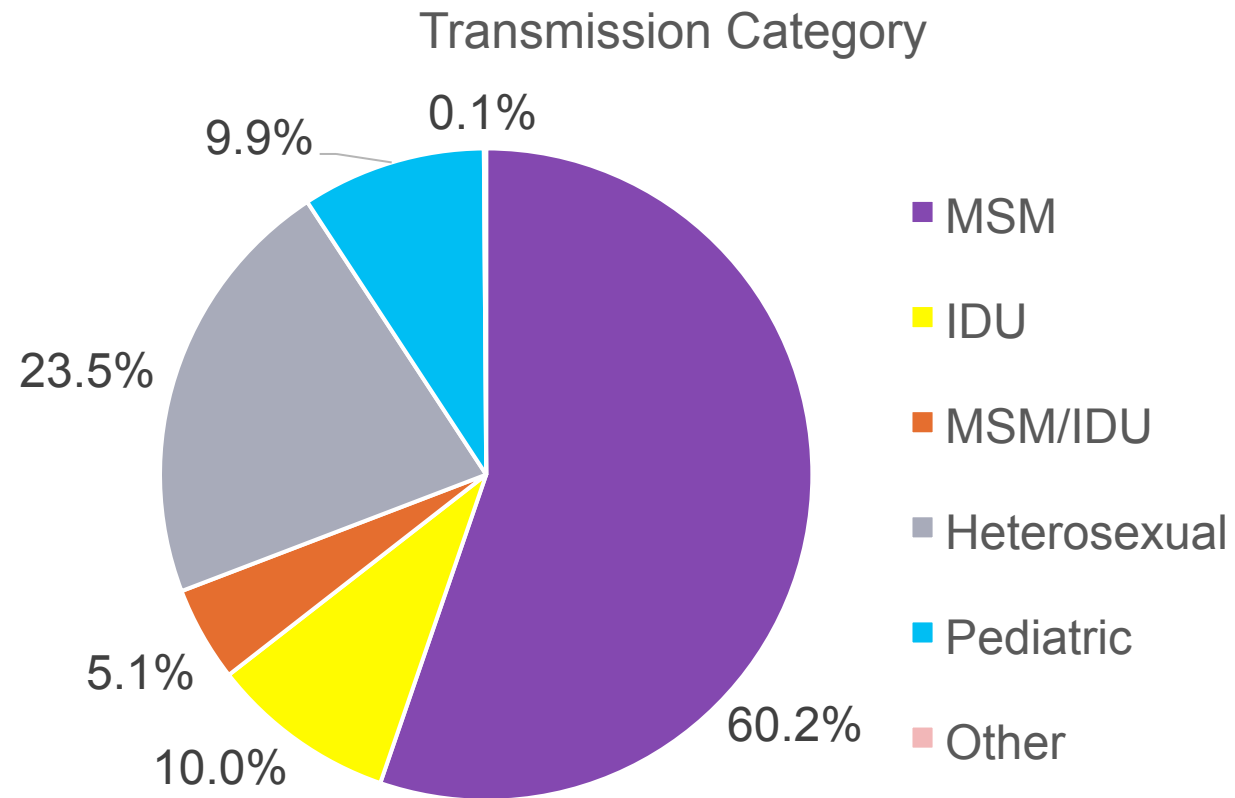
Through December 31, 2016	PEOPLE LIVING WITH HIV	
	Cases	Rates (Per 100,000)
Sex		
Male	68,182	492.9
Female	18,487	131.8
Unknown	0	
Race		
White	22,697	187.6
Black	32,371	953.5
Hispanic	27,739	254.9
Other	987	66.3
Unknown	2,875	

Age Group (As of 12/31/16)	Cases	Rates (Per 100,000)
0-9	125	3.1
10-14	127	6.3
15-19	487	24.7
20-24	3,493	174.2
25-29	7,934	383.3
30-34	8,964	444.7
35-39	9,954	520.3
40-44	10,179	561.4
45+	45,406	454.6
Unknown	0	
TOTAL	86,669	311.1

PREVALENCE RATE OF PLWH BY GENDER, 2005-2016



PLWHA BY MODE OF TRANSMISSION, 2016



REGIONAL DATA

NEW HIV DIAGNOSES AND RATES BY PUBLIC HEALTH REGION, 2016

Public Health Region	HIV Infection		People Living with HIV		Cumulative HIV Dx's	AIDS	
	Cases	Rate	Cases	Rate	Cases	Cases	Rate
Region 1	73	8.4	1,095	125.8	1,898	37	4.3
Region 2	20	3.6	565	102.6	987	17	3.1
Region 3	1,330	17.6	27,121	359.1	41,180	649	8.6
Region 4	109	9.6	1,988	174.6	3,027	66	5.8
Region 5	109	14.0	1,716	220.7	3,023	36	4.6
Region 6	1,429	20.6	28,909	416.3	50,896	713	10.3
Region 7	416	12.4	7,965	236.6	12,052	156	4.6
Region 8	407	14.0	6,951	238.6	10,736	173	5.9
Region 9	60	9.4	671	105.3	1,092	26	4.1
Region 10	94	10.9	2,082	241.4	3,102	39	4.5
Region 11	190	8.5	3,409	151.6	5,234	97	4.3
ICE Facility	147		491		761	41	
Fed. Prison	36		468		348	5	
TDCJ	73		3,238		4,343	27	
State Total	4,493	16.1	86,669	311.1	138,679	2,082	7.5

COUNTIES WITH THE HIGHEST CASE COUNTS, 2016

Rank	HIV Diagnoses		People Living with HIV	
	County	Number	County	Number
1	Harris	1,205	Harris	24,699
2	Dallas	815	Dallas	17,333
3	Bexar	360	Bexar	5,987
4	Tarrant	302	Tarrant	5,370
5	Travis	242	Travis	4,716
6	El Paso	93	El Paso	2,061
7	Collin	92	Collin	1,710
8	Hidalgo	78	Fort Bend	1,365
9	Jefferson	68	Hidalgo	1,259
10	Fort Bend	68	Denton	1,256
11	Denton	57	Galveston	970
12	Galveston	45	Jefferson	900

Rank	HIV Diagnoses		People Living with HIV	
	County	Number	County	Number
13	Montgomery	43	Cameron	803
14	Lubbock	39	Montgomery	745
15	Cameron	39	Bell	693
16	Brazoria	38	Williamson	674
17	Bell	35	Nueces	642
18	Brazos	34	Brazoria	589
19	Nueces	32	Lubbock	475
20	Webb	29	Gregg	466
21	Williamson	24	McLennan	427
22	Smith	24	Webb	415
23	Ector	23	Smith	414
24	Hays	19	Brazos	364
25	McLennan	16	Hays	304

COUNTIES WITH THE HIGHEST CASE RATES*, 2016

Rank	HIV Diagnoses		Rank	HIV Diagnoses	
	County	Rate		County	Rate
1	Dallas	31.7	13	Wood	13.6
2	Caldwell	26.7	14	Lubbock	12.9
3	Jefferson	26.7	15	Gregg	12.1
4	Harris	26.3	16	Walker	11.2
5	Travis	20.2	17	El Paso	11.1
6	Bexar	18.7	18	Potter	10.8
7	Brazos	15.4	19	Brazoria	10.7
8	Tarrant	15.0	20	Webb	10.7
9	Ector	14.6	21	Smith	10.7
10	Bastrop	14.5	22	Bell	10.3
11	Bowie	13.9	23	Angelina	10.3
12	Galveston	13.7	24	Collin	9.8
			25	Hunt	9.8

Rank	PLWH		Rank	PLWH	
	County	Rate		County	Rate
1	Dallas	673.1	13	Polk	208.7
2	Harris	538.1	14	Bell	203.6
3	Houston	426.3	15	Cameron	190.2
4	Travis	393.2	16	Fort Bend	184.2
5	Gregg	376.6	17	Smith	183.8
6	Jefferson	353.4	18	Bastrop	183.7
7	Bexar	310.4	19	Navarro	183.4
8	Galveston	294.4	20	Collin	182.0
9	Tarrant	266.3	21	Austin	178.1
10	El Paso	246.0	22	Nueces	177.7
11	Bowie	221.6	23	Marion	177.4
12	Potter	220.1	24	Matagorda	174.8
			25	McLennan	172.2

*Rates are cases per 100,000 Pop.

EL PASO COUNTY

NEW DIAGNOSES, 2010-2016, EL PASO COUNTY

(sex at birth)	2010	2011	2012	2013	2014	2015	2016	Total
Female	9	12	12	20	10	10	7	80
Male	104	95	127	97	99	89	86	697
Total	113	107	139	117	109	99	93	777

Women Represented:

8% of new diagnoses in **2010**
 11% in **2011**
 9% in **2012**
 17% in **2013**
 9% in **2014**
 10% in **2015**
 8% in **2016**

Men

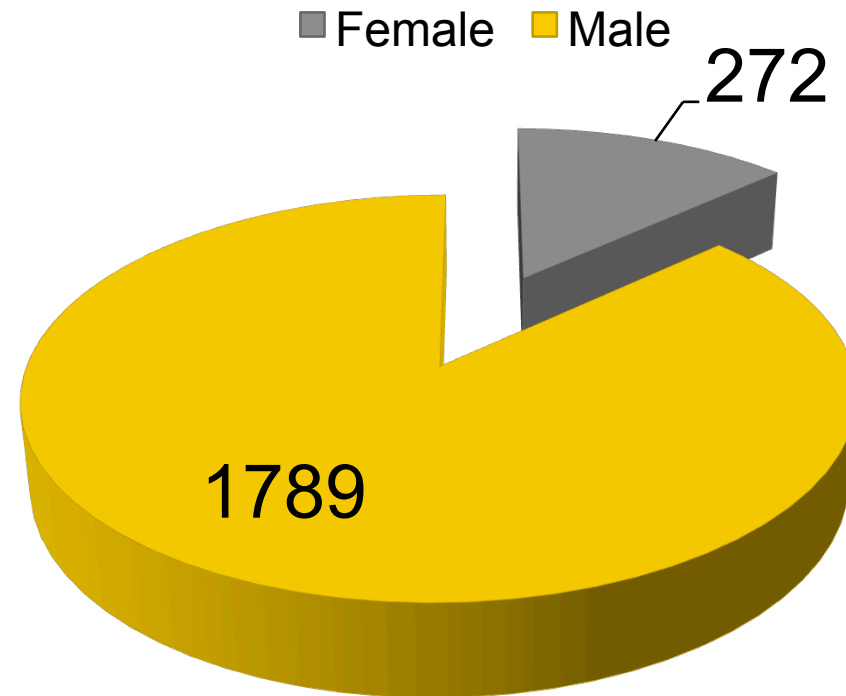
92%
 89%
 91%
 83%
 91%
 90%
92%

NEW DIAGNOSES BY AGE GROUP, EL PASO COUNTY

Age Group	2010	2011	2012	2013	2014	2015	2016	Total
2-12	0	0	0	1	0	0	0	1
13-24	27	27	45	27	24	21	11	182
25-34	38	33	48	41	44	34	46	284
35-44	18	23	23	15	19	24	17	139
45+	30	24	23	33	22	20	19	171
Total	113	107	139	117	109	99	93	777

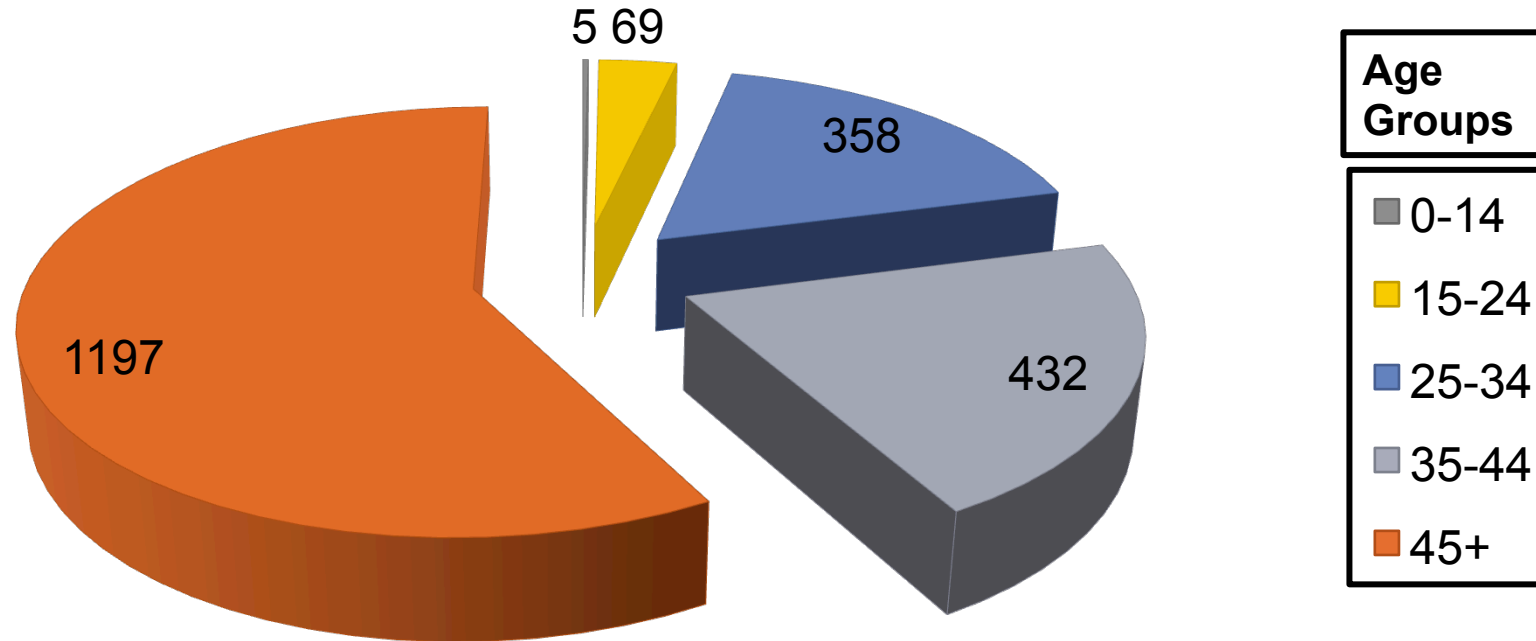
PLWHA BY GENDER, EL PASO COUNTY 2016

2061 Persons Living with HIV 2016



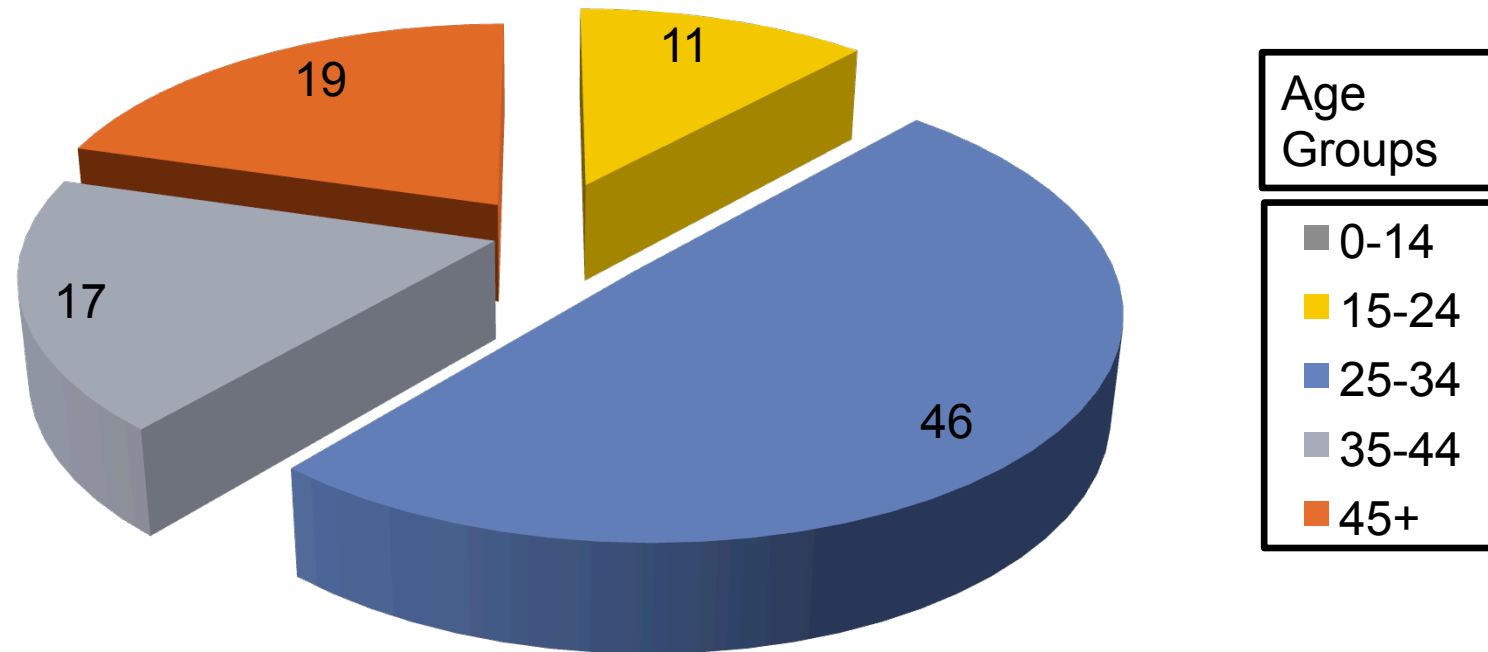
PLWHA BY AGE GROUP, EL PASO COUNTY 2016

2061 Persons Living with HIV, 2016



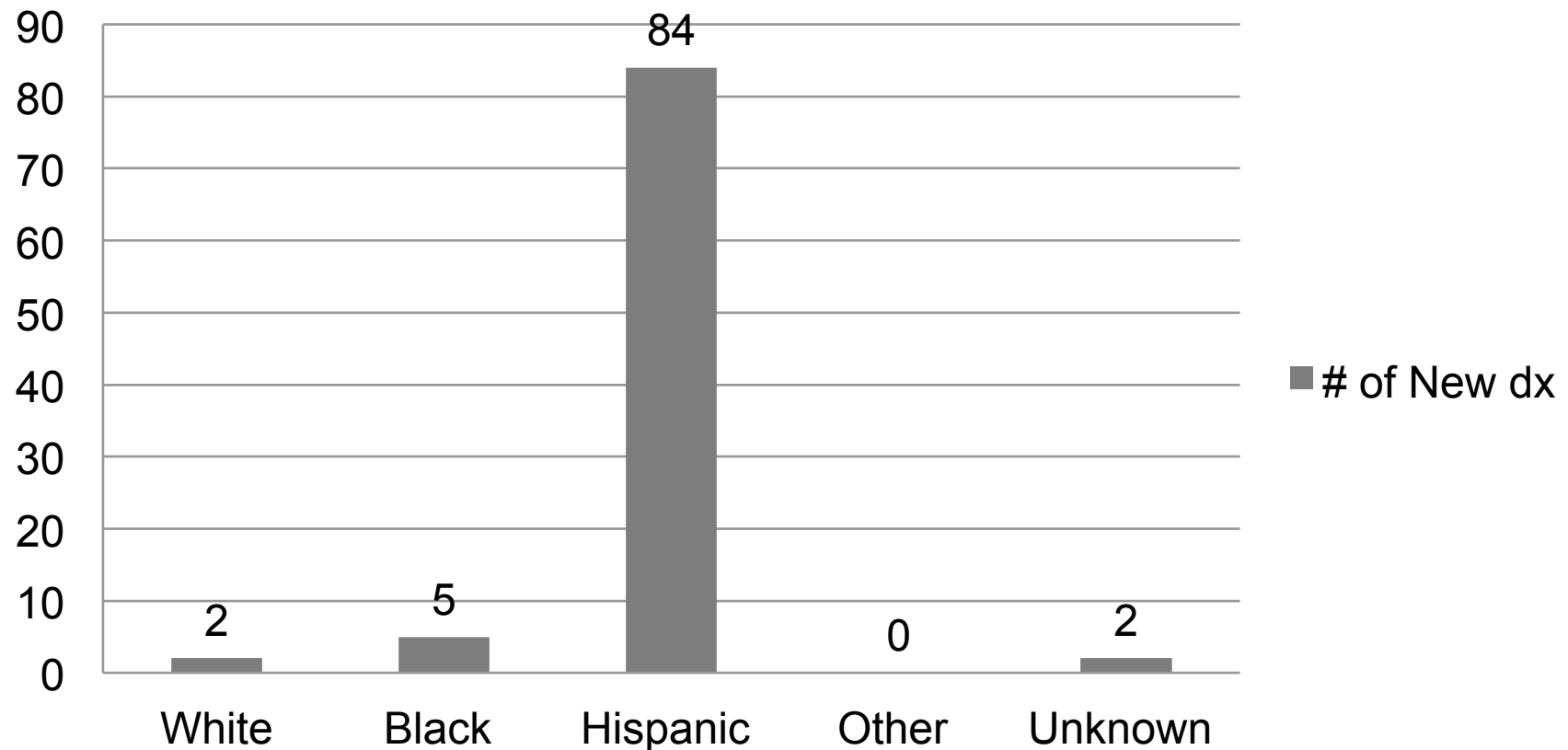
NEW HIV DIAGNOSES BY AGE GROUP, EL PASO COUNTY 2016

Total number of New Diagnosis is 93
0

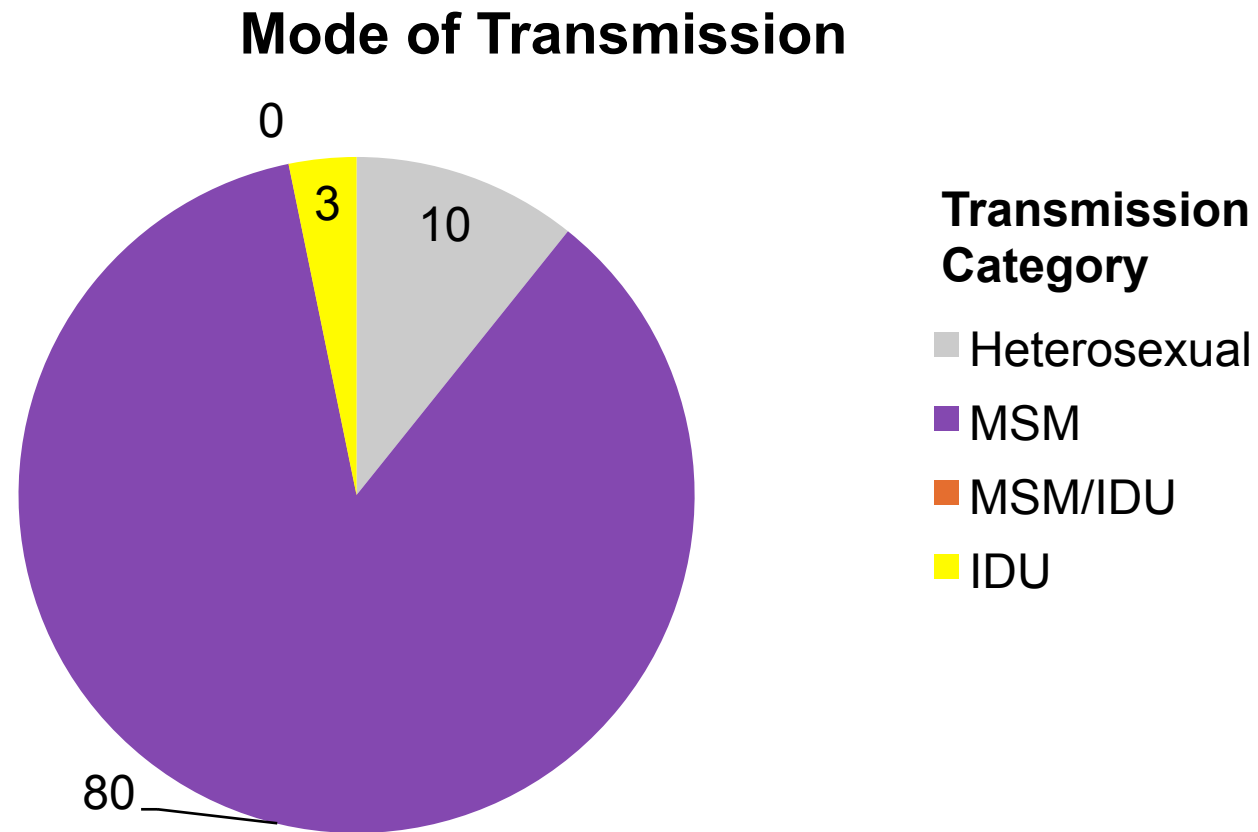


NEW HIV DIAGNOSES BY RACE/ ETHNICITY, EL PASO COUNTY 2016

93 Newly Diagnosis Counts in El Paso County

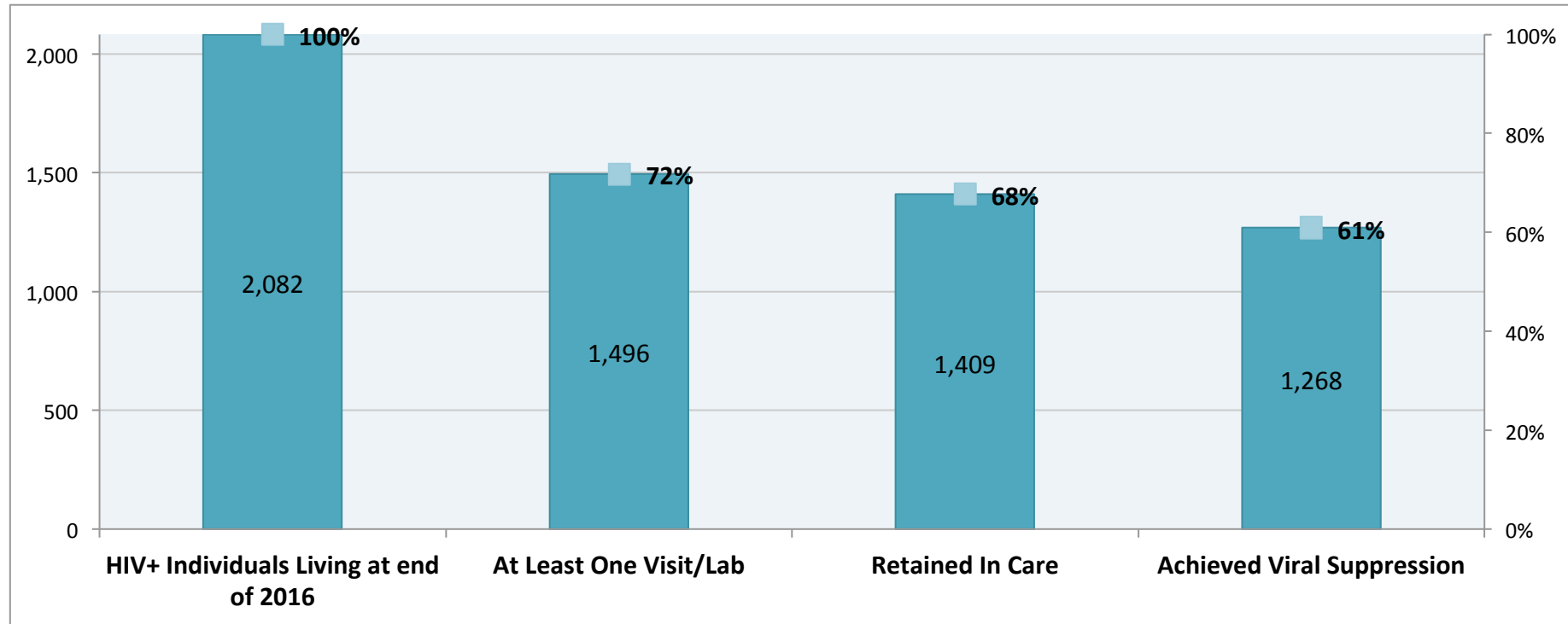


NEW HIV DIAGNOSES BY TRANSMISSION CATEGORY, EL PASO COUNTY 2016



TREATMENT & LINKAGE TO CARE

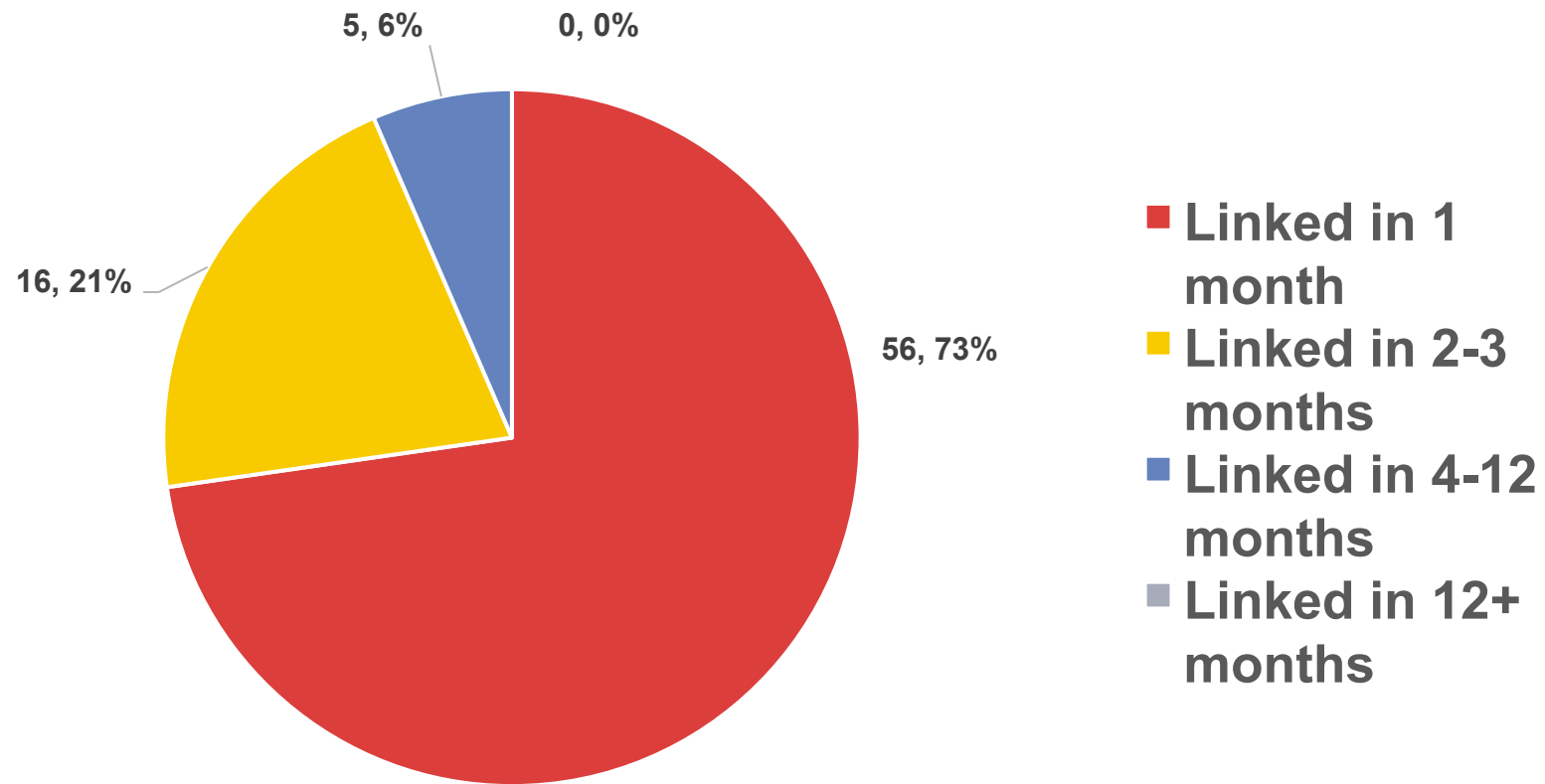
El Paso HSDA HIV Population Treatment Cascade, 2016



- **HIV+ Individuals at end of 2016** - No. of HIV+ individuals (alive) at the end of 2016.
- **At Least One Visit in 2016** - No. of PLWH with a met need (at least one: medical visit, ART prescription, VL test, or CD4 test) in 2016.
- **Retained in Care** is number of PLWH with at least 2 visits or labs, at least 3 months apart or suppressed at end of 2016.
- **Achieved Viral Suppression at end of 2016** - No. of PLWH whose last viral load test value of 2016 was ≤ 200 copies/mL.

TREATMENT & LINKAGE TO CARE

Linkage to Care, El Paso 2016



Sources: Enhanced HIV AIDS Reporting System as of July 23, 2017, Medicaid, ARIES, ADAP, and private payers

REFERENCES

1. **Texas HIV Surveillance Report, 2016 Annual Report,**
www.dshs.state.tx.us/hivstd/reports/default.shtm
2. **Center for Disease Control and Prevention: Lifetime Risk of HIV Diagnosis, Feb 23, 2016** www.cdc.gov/nchhstp/newsroom/2016/croi-press-release-risk.html
3. **Texas DSHS. Enhanced HIV AIDS Reporting System. July 23, 2017**



CONTACT

Irene Ovalle-Valdez

701 Montana Ave.

915-212-6603

www.elpasotexas.gov/public-health/programs/hiv-prevention