

# 2017 HIV SURVEILLANCE DATA



# In the U.S.

- In 2017, an estimated 38,739 people received an HIV diagnosis in the United States. 1 in 7 individuals living with HIV don't know their status. (cdc.gov, Jan 7, 2019).
- HIV rates are highest in the southern United States (AL, AR, DE, DC, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV).



STATE DATA

# In Texas

- As of 2017, **90,700** individuals were known to be living with HIV in Texas since the beginning of the epidemic.
- 4,391 cases of HIV were newly diagnosed in Texas in 2017,

# 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)*

# Texas - HIV Diagnosis Rates by Sex & Race/Ethnicity, 2008-2017

	2008		2009		2010		2011		2012		2013		2014		2015		2016		2017	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
<b>Birth Sex</b>																				
Female	939	7.7	970	7.8	994	7.8	889	6.9	837	6.4	823	6.2	827	6.1	831	6.0	789	5.6	754	5.3
Male	3,256	27	3420	27.8	3496	27.9	3443	27.1	3532	27.3	3554	27	3636	27.2	3689	27.0	3730	26.9	3637	25.9
Total	4195		4390		4490		4332		4369		4377		4463		4520		4519		4391	
<b>Gender Identity</b>																				
Transgender Women	28		27		35		31		42		35		24		40		65		59	
Transgender men	2		0		1		0		0		0		1		5		2		1	
<b>Race</b>																				
White	963	8.5	943	8.3	913	8.1	868	7.7	896	7.9	917	8.1	892	7.9	903	7.6	924	7.8	845	7.1
Black	1,690	60.3	1727	60.4	1759	60.4	1593	53.8	1580	52.2	1619	52.5	1640	52	1629	50.5	1610	48.8	1621	48.1
Hispanic	1,351	15.1	1481	16	1572	16.5	1608	16.5	1656	16.6	1619	15.9	1718	16.5	1770	16.6	1773	16.2	1758	15.8
Asian	44	5	45	4.8	52	5.4	72	7.1	58	5.4	75	6.7	75	6.4	78	6.3	72	5.5	63	4.6
Nat Hawai/Pac Is	2	11.7	1	5.6	1	5.4	0	0	5	25.4	1	4.9	0	0	5	22.5	1	4.3	3	12.5
AIAN	1	1.3	0	0	0	0	1	1.2	1	1.2	1	1.2	3	3.4	5	5.6	6	6.6	4	4.4
Multi-Race	144	53.5	193	67.9	192	64.3	190	60.6	173	52.5	145	42.1	135	37.4	130	34.3	133	33.6	97	23.6
* Rates represent cases per 100,000 population.																				

# Texas - HIV Diagnoses by Age Group, 2008-2017

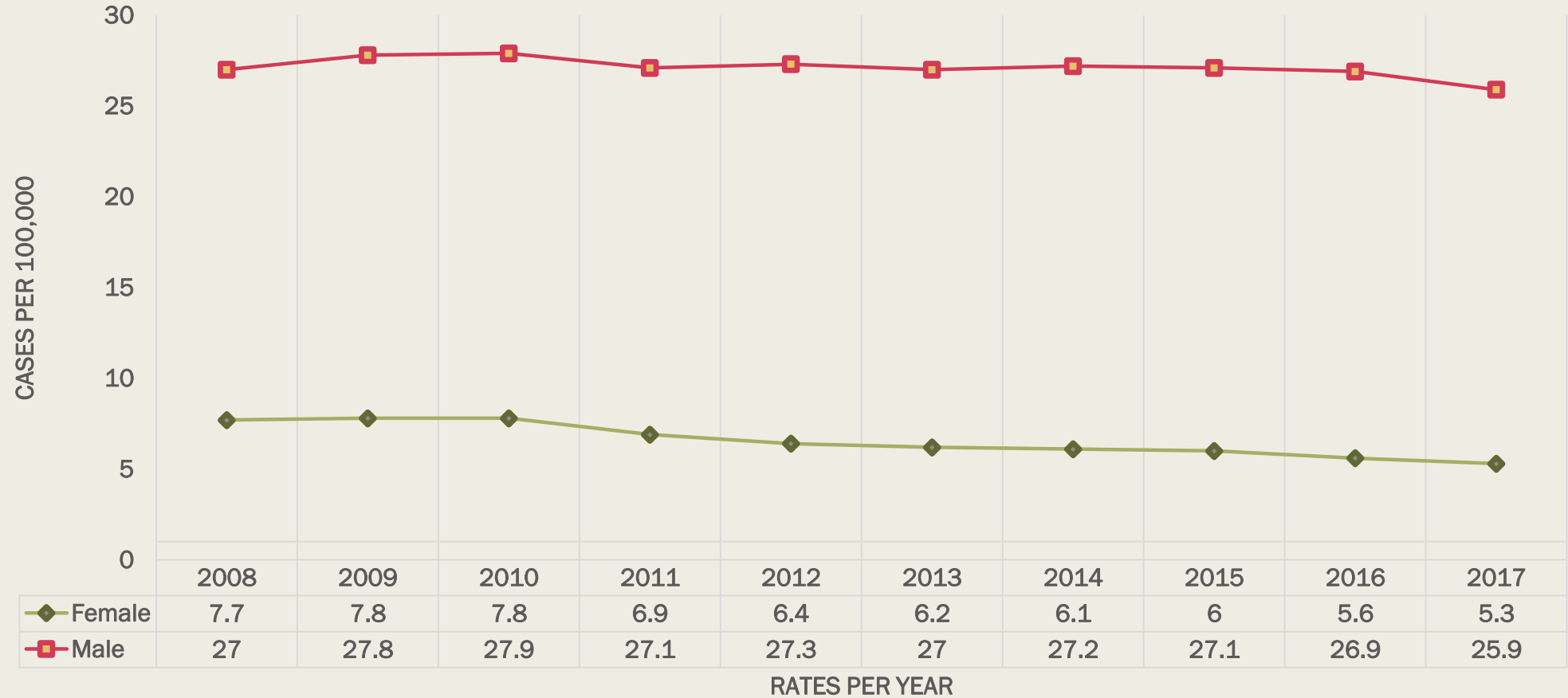
Age Group	2008		2009		2010		2011		2012		2013		2014		2015		2016		2017	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
0 - 9	17	0.5	19	0.5	15	.4	23	.6	16	.4	14	.4	13	0.3	13	0.3	8	.2	4	.1
10 - 14	3	0.2	6	.3	4	.2	6	.3	9	.5	6	.3	7	.4	4	.02	7	.3	5	.2
15 - 19	198	10.7	254	13.5	257	13.6	233	12.4	242	12.8	210	11.1	219	11.4	230	11.8	222	11.2	221	11
20 - 24	668	37.6	728	40.5	800	43.8	807	43.1	819	42.5	835	42.6	927	46.5	889	44.4	826	41.3	759	38.1
25 - 29	677	37.4	694	37.7	671	36.1	694	36.9	742	39	809	42	860	43.7	866	42.8	995	48	944	44.6
30 - 34	581	34.5	629	36.5	652	36.8	567	31.1	630	33.7	636	33.1	606	30.9	683	34.2	700	34.5	696	34.0
35 - 39	596	34.1	550	31.2	532	30.2	495	28.3	464	26.4	452	25.5	486	26.8	510	27.3	459	23.8	489	24.8
40 - 44	516	30.8	522	31.1	515	30.2	466	26.7	456	25.5	420	23.2	410	22.5	365	20	345	18.9	360	19.7
45 - 49	436	25.1	403	22.9	430	24.5	422	24.3	385	22.4	374	21.9	366	21.5	332	19.1	313	17.5	313	17.1
50 - 54	235	14.7	277	16.9	312	18.5	285	16.6	277	16	286	16.4	268	15.2	295	16.8	311	17.9	263	15.3
55 - 59	158	11.8	173	12.5	151	10.5	188	12.7	180	11.7	185	11.7	151	9.3	173	10.5	162	9.6	190	11.2
60 - 64	71	6.7	82	7.3	85	7.2	89	7.1	94	7.4	86	6.6	83	6.2	91	6.6	109	7.6	90	6.1
65+	39	1.6	53	2.1	66	2.5	57	2.1	55	1.9	64	2.2	67	2.2	69	2.1	62	1.9	57	1.6
Total	4195	17.3	4390	17.7	4490	17.8	4332	16.9	4369	16.8	4377	16.5	4463	16.6	4520	16.5	4519	16.2	4391	15.5

\* Rates represent cases per 100,000 population.



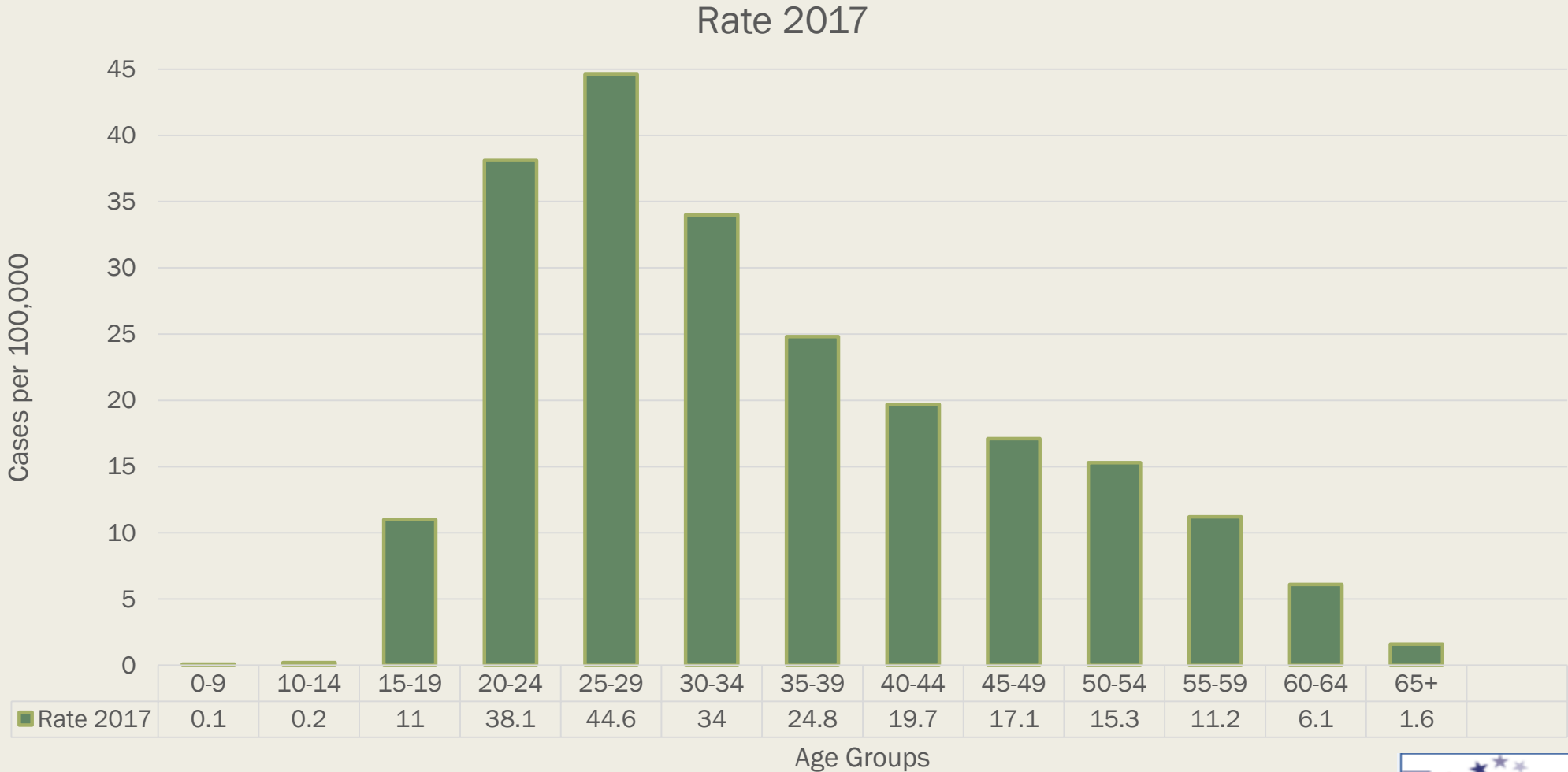
# Texas - HIV Diagnosis Rates by Sex at birth and Year of Diagnosis, 2008-2017

CHART TITLE

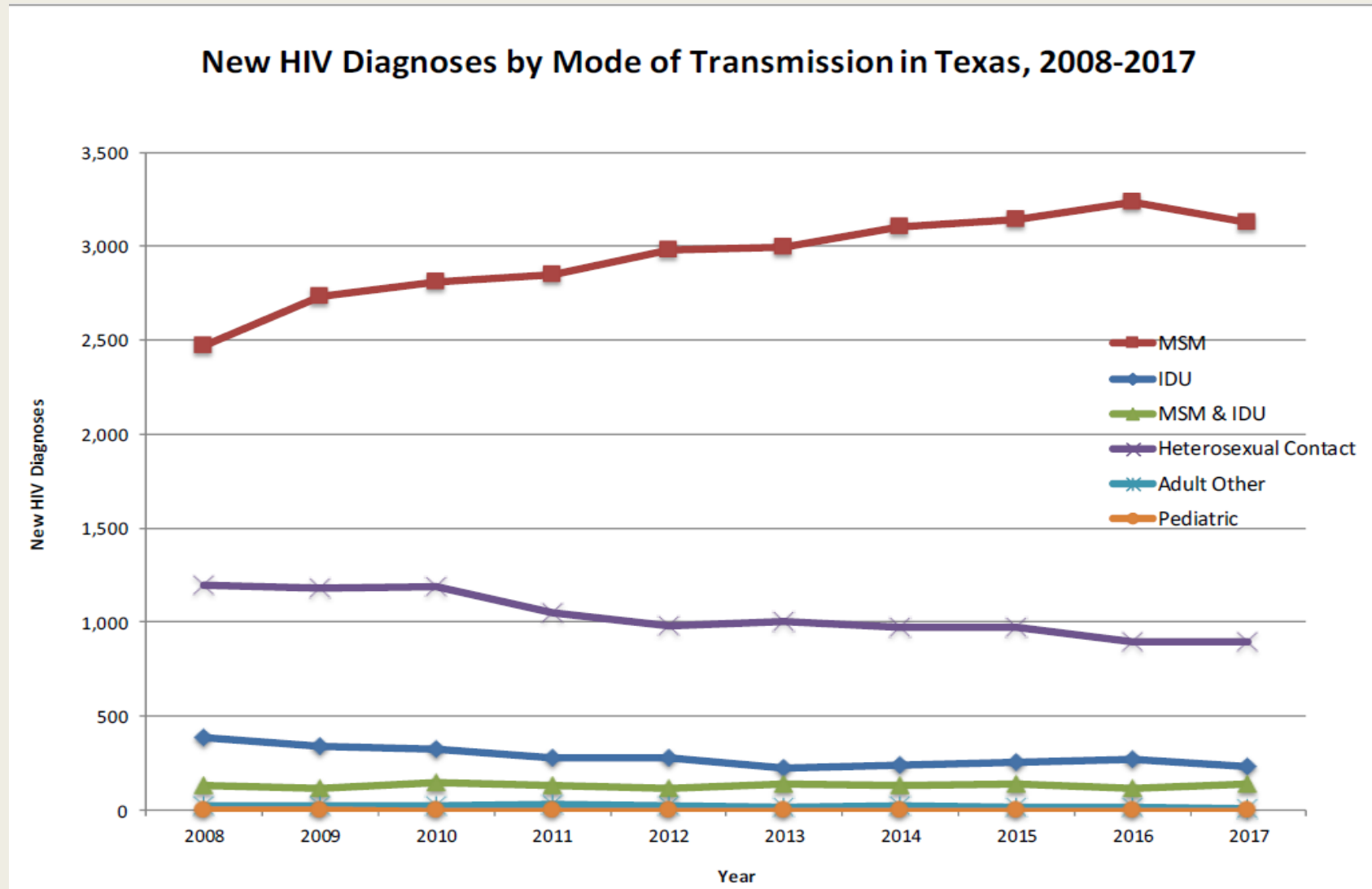




# Texas - HIV Diagnosis Rates by Age at Diagnosis, 2017



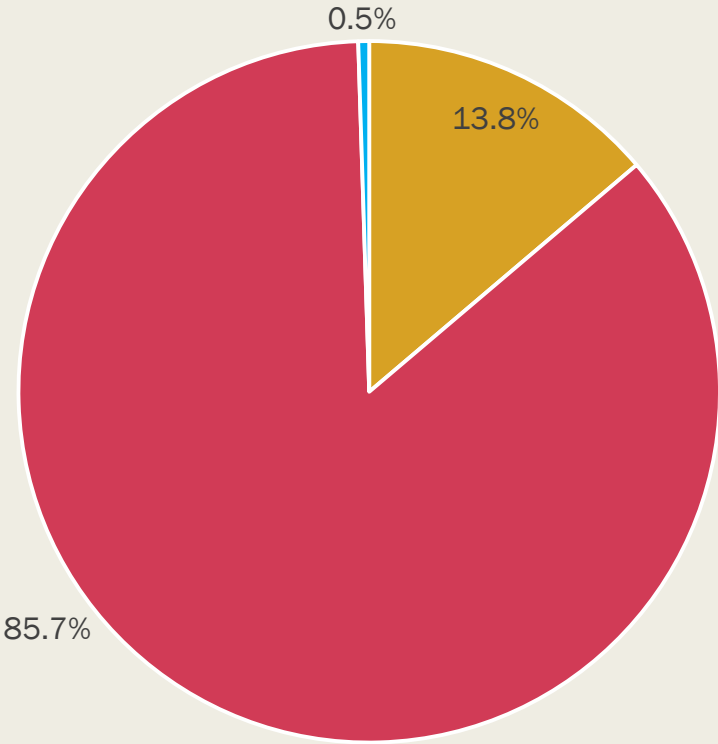
# Texas - New HIV Diagnoses by Mode of Transmission, 2008-2017



# Texas - New HIV Diagnoses by Mode of Transmission & Sex Assigned at Birth, 2017

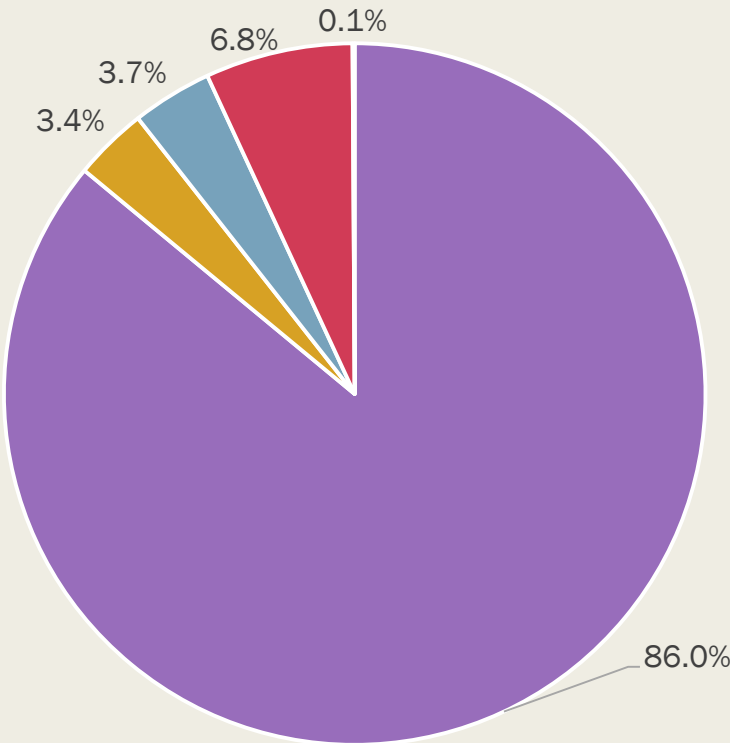
Female

■ Injection Drug Use 
 ■ Sexual Contact (w/ male or female) 
 ■ Perinatal



Male

■ Male-Male Sexual contact 
 ■ Injection Drug Use 
 ■ MSM/IDU 
 ■ Female-Male Sexual Contact 
 ■ Perinatal

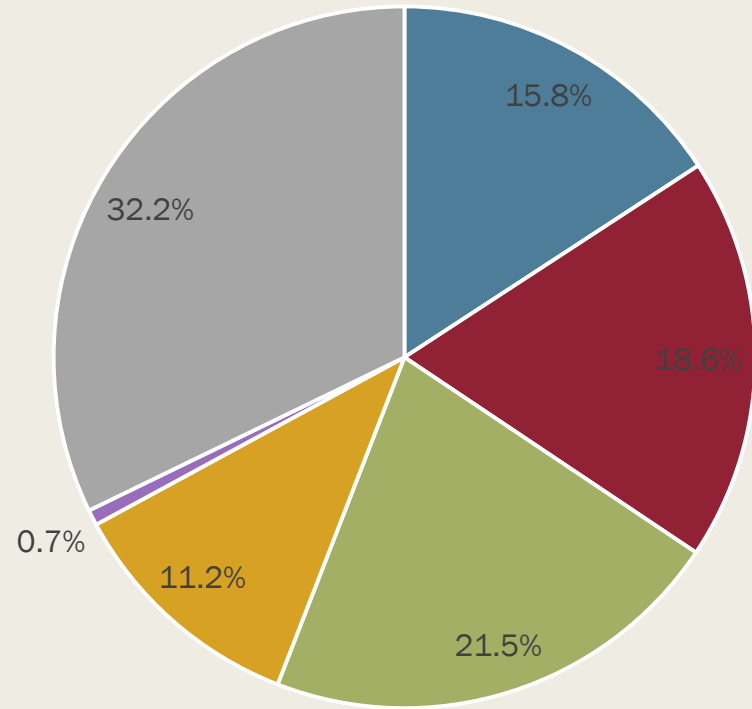


# Texas - New HIV Diagnoses among Transgender people by Mode of Transmission, 2017

Adult Transmission Category	Transgender Women		Transgender Men	
	HIV	AIDS	HIV	AIDS
Sexual Contact	54	19	1	0
Injection Drug Use	0	0	0	0
Sexual Contact/IDU	5	1	0	0
Perinatal Transmission	0	0	0	0
Adult Other *	0	0	0	0
Total	59	20	1	0

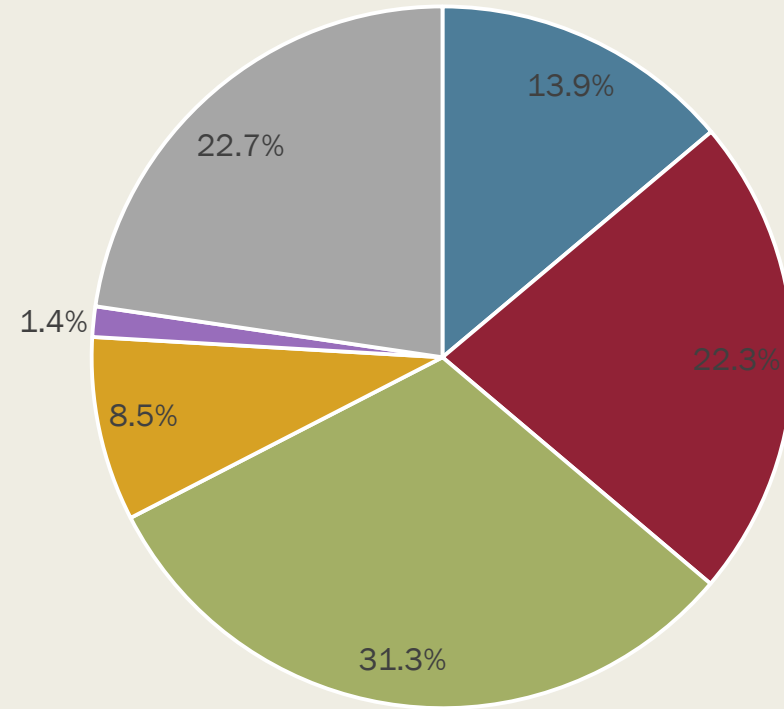
# Texas - New HIV Diagnoses Among Priority Populations. 2008 & 2017

New HIV Diagnoses 2008



■ White MSM    
 ■ Black MSM    
 ■ Hispanic MSM  
■ Black Het Female    
 ■ Transgender    
 ■ Other

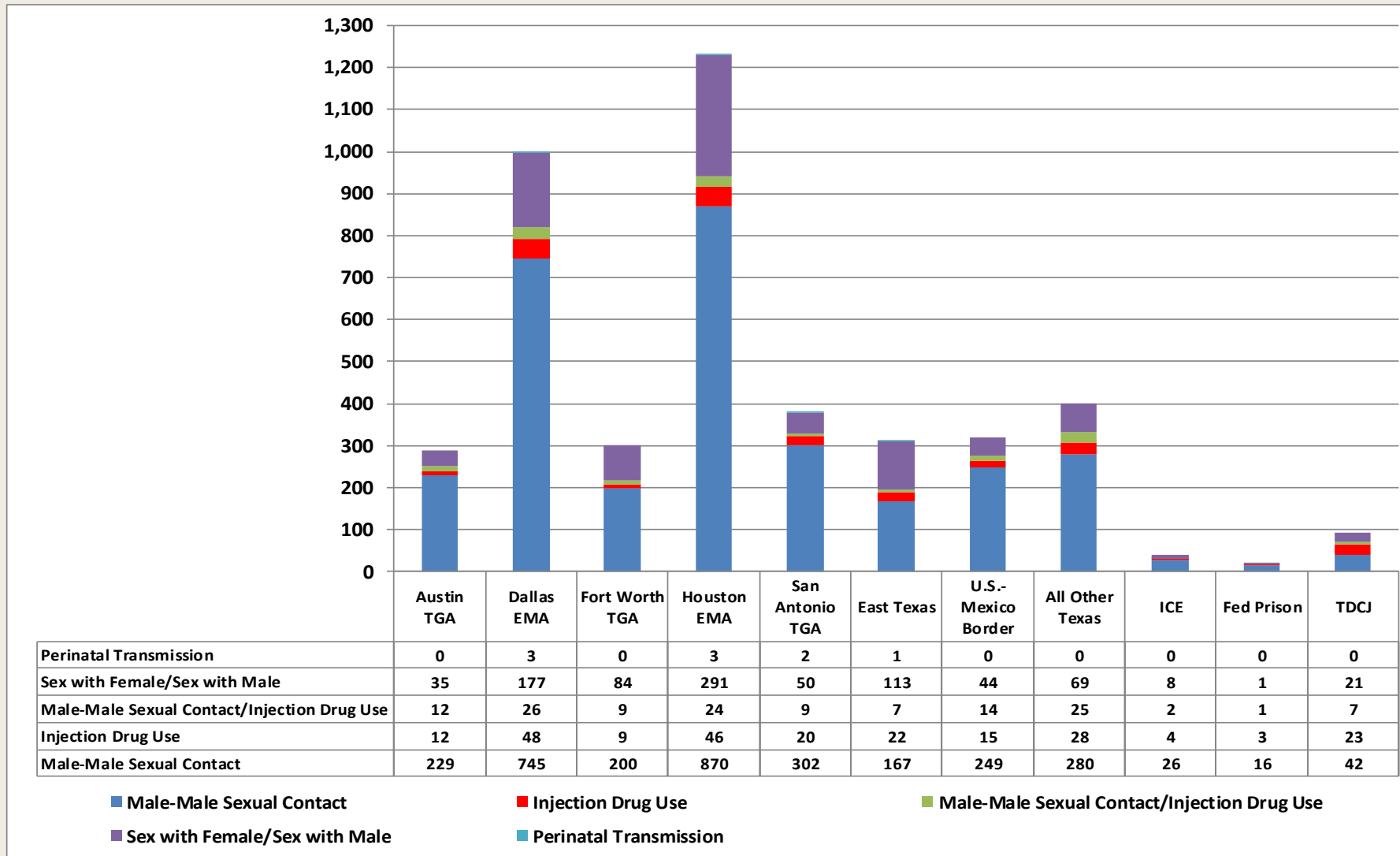
New HIV Diagnoses 2017



■ White MSM    
 ■ Black MSM    
 ■ Hispanic MSM  
■ Black Het Female    
 ■ Transgender    
 ■ Other



# New Diagnoses by Mode of Transmission for EMA/TGA\*, 2017



\*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

Cumulative from beginning of epidemic

# Texas – PLWH\* by Sex, Gender Identity, Race/Ethnicity & Age, 2017

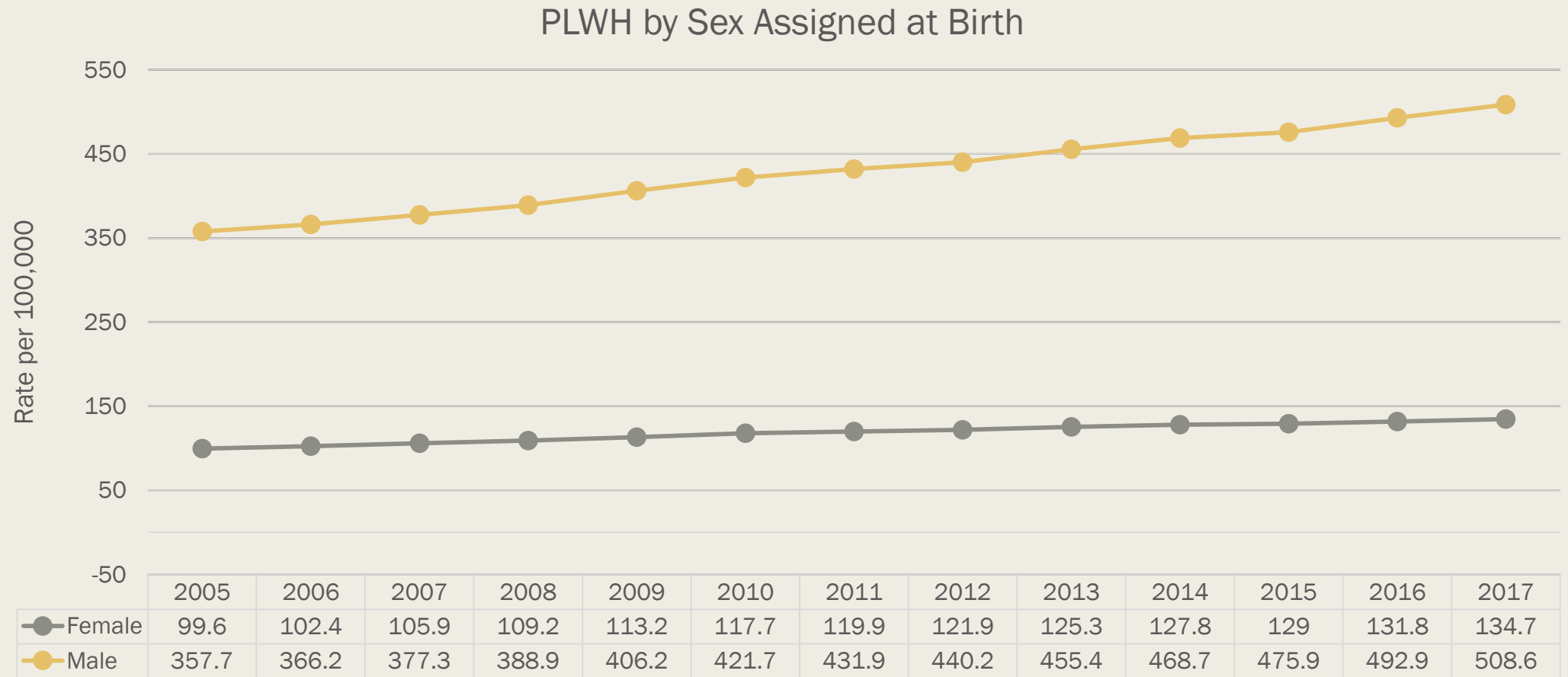
Through December 31, 2017	PEOPLE LIVING WITH HIV	
	Cases	Rates (Per 100,000)
<b>Sex at Birth</b>		
Male	71,515	508.6
Female	19,185	134.7
<b>Gender Identity</b>		
Transgender Women	683	
Transgender Men	17	
<b>Race</b>		
White	23,200	195.2
Black	33,880	1005.8
Hispanic	29,469	264.1
Asian	980	71.7
Native Hawaiian/Pac Islander	30	125.1
AI/AN	50	54.6
Multiracial	3,091	752.2

	PEOPLE LIVING WITH HIV	
	Cases	Rates (Per 100,000)
<b>Age Group (As of 12/31/17)</b>		
0-9	99	2.4
10-14	130	6.3
15-19	494	24.6
20-24	3,378	169.6
25-29	8,403	397.1
30-34	9,583	468.4
35-39	10,349	523.9
40-44	10,402	568.6
45-49	12,144	665.4
50-54	<b>13,268</b>	771.1
55-59	10,778	771.1
60-64	6,409	431.9
65+	5,263	151.6
<b>TOTAL</b>	<b>90700</b>	<b>320.4</b>

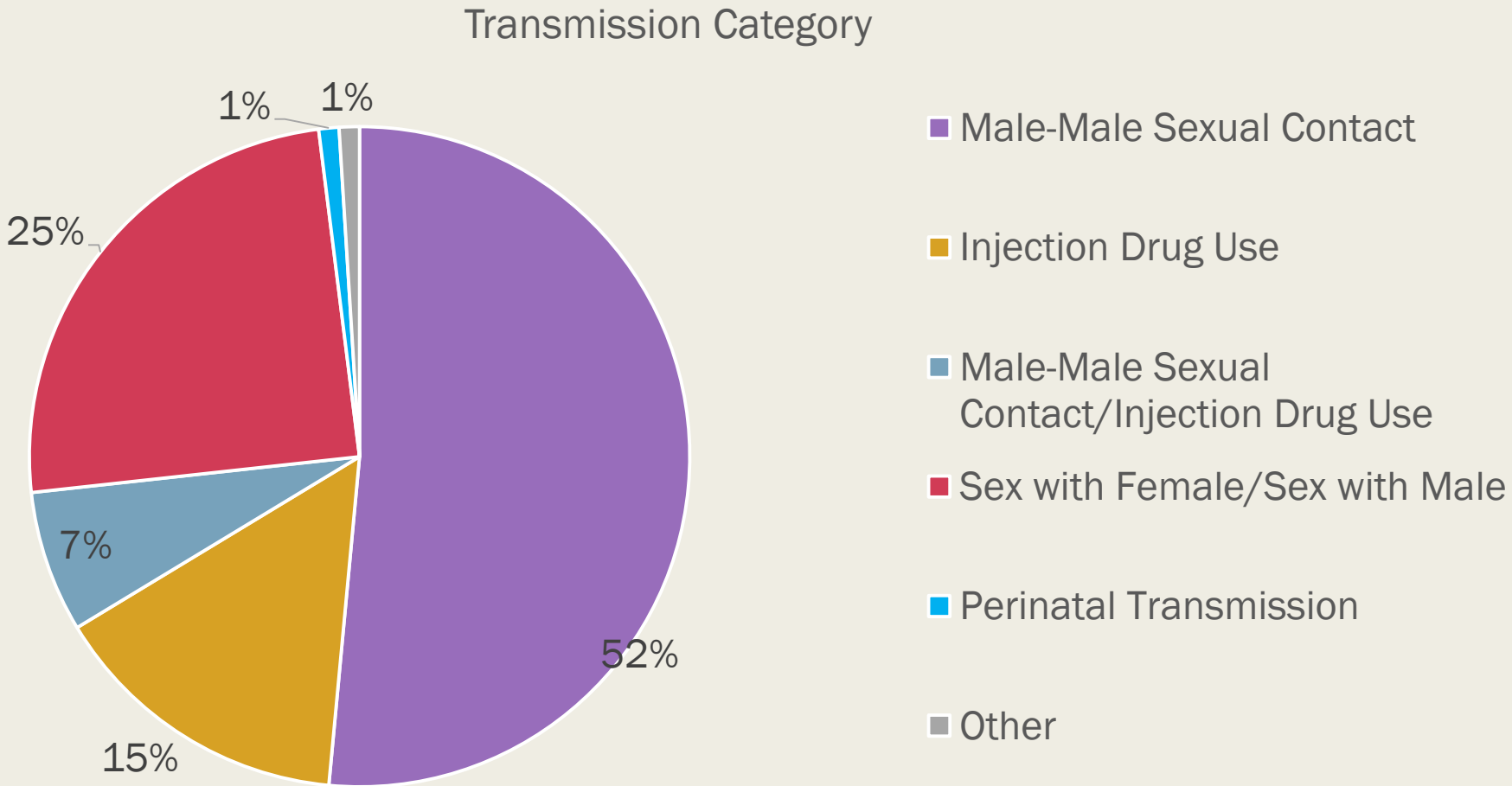
\* PLWH refers to people who have received a positive HIV diagnosis since the beginning of the epidemic



# Texas - Prevalence Rate of PLWH by Sex Assigned at Birth, 2005-2017



# PLWHA by Mode of Transmission, 2017



The image features two large, thick black L-shaped brackets. One is positioned in the top-left corner, and the other is in the bottom-right corner. They are oriented towards each other, framing the central text.

# REGIONAL DATA

# New HIV Diagnoses and Rates by Public Health Region, 2017

Public Health Region	HIV Diagnoses (2017)		People Living with HIV		Cumulative HIV Dx's	AIDS (2017)	
	Cases	Rate	Cases	Rate	Cases	Cases	Rate
Region 1	80	9.2	1,170	134.1	1,984	27	3.1
Region 2	29	5.3	570	103.7	1,019	16	2.9
Region 3	1,317	17.0	28,486	368.8	42,678	595	7.7
Region 4	99	8.7	2,116	184.9	3,138	50	4.4
Region 5	105	13.4	1,811	231.5	3,146	53	6.8
Region 6	1,341	19.0	30,281	428.6	52,431	637	9.0
Region 7	436	12.7	8,420	244.4	12,504	144	4.2
Region 8	420	14.2	7,335	248.0	11,196	173	5.8
Region 9	62	9.7	725	114.0	1,156	29	4.6
Region 10	136	15.7	2,199	254.0	3,266	48	5.5
Region 11	212	9.4	3,551	157.0	5,499	94	4.2
ICE Facility	40		528		322	6	
Fed. Prison	21		505		376	11	
TDCJ	93		3,003		4,453	37	
State Total	4,391	15.5	90,700	320.4	143,168	1,920	6.8

# 25 Counties with the Highest Case Numbers, 2017

Rank	HIV Diagnoses		AIDS		People Living with HIV	
	County	Cases	County	Cases	County	Cases
1	Harris	1,104	Harris	533	Harris	25,670
2	Dallas	814	Dallas	364	Dallas	18073
3	Bexar	363	Bexar	149	Bexar	6295
4	Tarrant	289	Tarrant	120	Tarrant	5668
5	Travis	221	Travis	77	Travis	4926
6	El Paso	133	Collin	48	El Paso	2179
7	Hidalgo	96	El Paso	47	Collin	1796
8	Collin	84	Hidalgo	36	Fort Bend	1499
9	Fort Bend	78	Denton	26	Denton	1351
10	Denton	61	Jefferson	24	Hidalgo	1332
11	Jefferson	58	Fort Bend	21	Galveston	1025
12	Bell	49	Galveston	20	Jefferson	932
13	Galveston	47	Brazoria	19	Cameron	827
14	Brazoria	44	Cameron	18	Montgomery	803

## 25 Counties with the Highest Case Numbers, 2017 (Cont.)

Rank	HIV Diagnoses		AIDS		People Living with HIV	
	County	Cases	County	Cases	County	Cases
15	Cameron	43	Nueces	17	Bell	744
16	Lubbock	37	Bell	16	Williamson	734
17	McLennan	36	Webb	13	Brazoria	701
18	Montgomery	35	Lubbock	13	Nueces	646
19	Williamson	29	Montgomery	11	Lubbock	519
20	Brazos	28	McLennan	11	Gregg	465
21	Webb	24	Ector	11	McLennan	462
22	Nueces	23	Brazos	11	Smith	450
23	Gregg	23	Midland	10	Webb	436
24	Potter	22	Gregg	10	Brazos	395
25	Midland	22	Walker	9	Hays	313

## 25 Counties with the Highest Case Rates\*, 2017

Rank	HIV Diagnoses		AIDS		People Living with HIV	
	County	Rate	County	Rate	County	Rate
1	Dallas	31.1	Dallas	13.9	Dallas	690.3
2	Caldwell	28.3	Walker	12.5	Harris	551.7
3	Panola	25.8	Harris	11.5	Houston	408.3
4	Harris	23.7	Jefferson	9.4	Travis	401.6
5	Jefferson	22.6	Liberty	8.4	Gregg	376.9
6		19.3	Gregg	8.1	Jefferson	363.6
7	Gregg	18.6	Bexar	7.6	Bexar	321.4
8	Bexar	18.5	Bowie	7.4	Galveston	305.9
9	Potter	18.3	Orange	7.1	Tarrant	275.9
10	Travis	18.0	Ector	7.0	El Paso	259.3
11	Anderson	17.3	Angelina	6.8	Potter	238.3
12	Matagorda	16.3	Potter	6.6	Tyler	236.8
13	Bowie	16.0	Travis	6.3	Bowie	227.6
14	El Paso	15.8	Midland	6.1	Bell	213.9

\*Rates are cases per 100,000 Pop.

## 25 Counties with the Highest Case Rates\*, 2017 (Cont.)

Rank	HIV Diagnoses		AIDS		People Living with HIV	
	County	Cases	County	Cases	County	Cases
15	McLennan	14.3	Galveston	6.0	Polk	209.5
16	Atascosa	14.3	Tarrant	5.8	Marion	208.7
17	Orange	14.1	El Paso	5.6	Cherokee	208.7
18	Bell	14.1	Grayson	5.3	Matagorda	203.6
19	Tarrant	14.1	Brazoria	5.2	Smith	197.6
20	Galveston	14.0	Taylor	5.1	Fort Bend	196.0
21	Angelina	13.7	Collin	5.0	Cameron	195.2
22	Midland	13.3	Brazos	4.9	Bastrop	193.5
23	Bastrop	13.0	Webb	4.7	Brazoria	193.4
24	Ector	12.7	Nueces	4.7	Caldwell	189.0
25	Brazos	12.6	Ellis	4.6	Kinney	186.9

\*Rates are cases per 100,000 Pop.





EL PASO COUNTY

# El Paso - New HIV Diagnoses, 2010-2017

Gender Identity	2010	2011	2012	2013	2014	2015	2016	2017	Total
Female	9	12	12	20	10	10	7	13	92
Male	104	95	127	97	99	89	86	120	811
Transgender								0	0
Total	113	107	139	117	109	99	93	133	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  
 9.7% in 2017

## Men

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

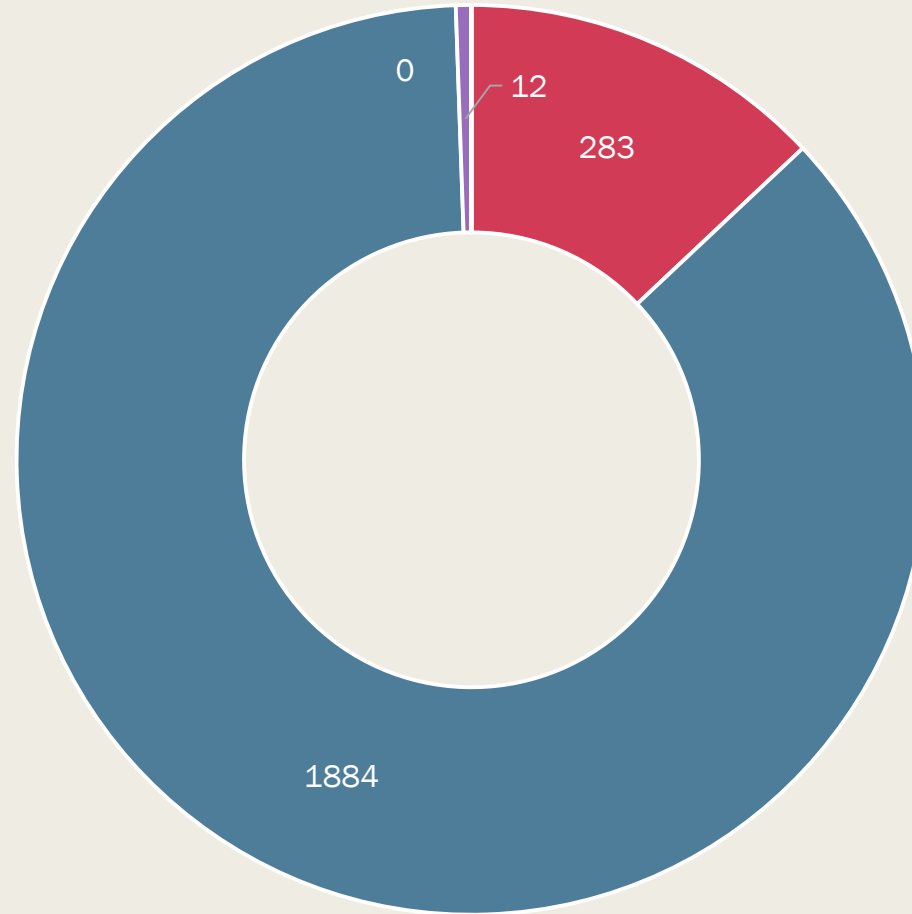
# El Paso - New Diagnoses by Age Group, 2010-2017

Age Group	2010	2011	2012	2013	2014	2015	2016	2017	Total
2-12	0	0	0	1	0	0	0	0	1
13-24	27	27	45	27	24	21	11	26	208
25-34	38	33	48	41	44	34	46	44	328
35-44	18	23	23	15	19	24	17	20	159
45+	30	24	23	33	22	20	19	43	214
Total	113	107	139	117	109	99	93	133	910

Age Groups, 2017	New HIV Dx's	Rate (per 100,000)
13-17	2	3.09
18-24	24	25.29
<b>25-34</b>	<b>44</b>	<b>35.29</b>
35-44	20	19.09
45-54	29	29.92
55-64	8	9.13
65+	6	5.97

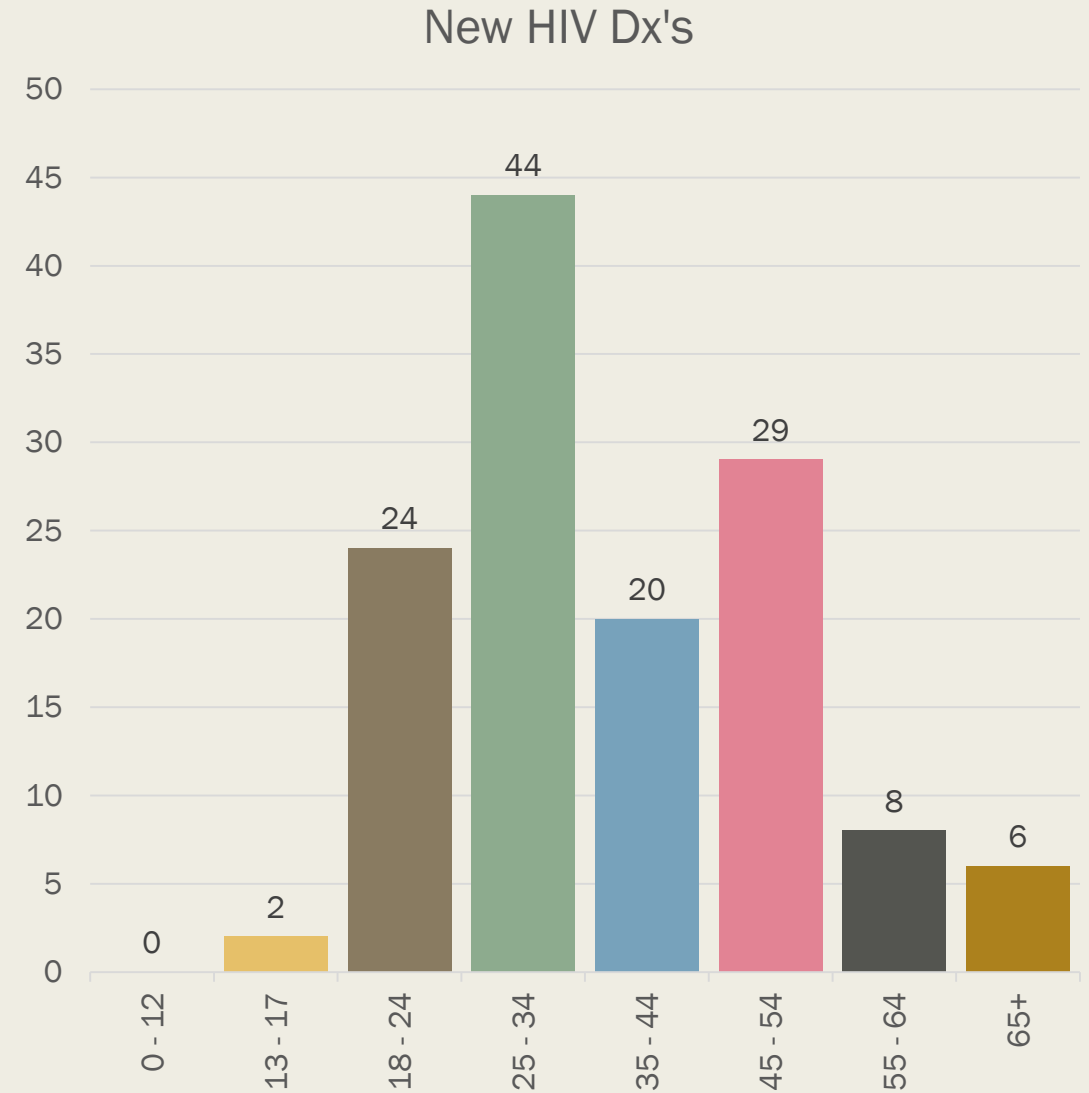
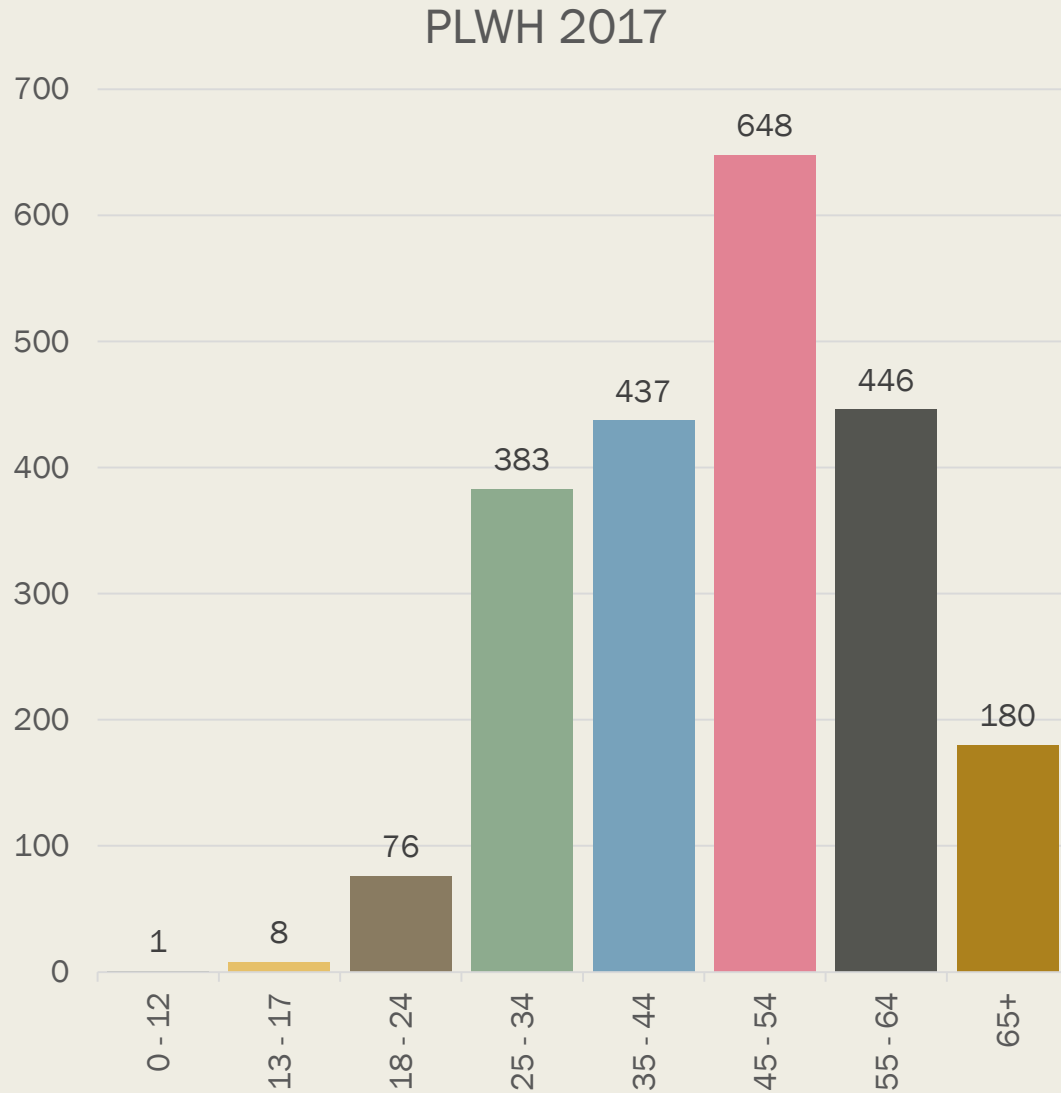
# El Paso - PLWHA by Gender Identity, 2017

PLWH by Gender Identity



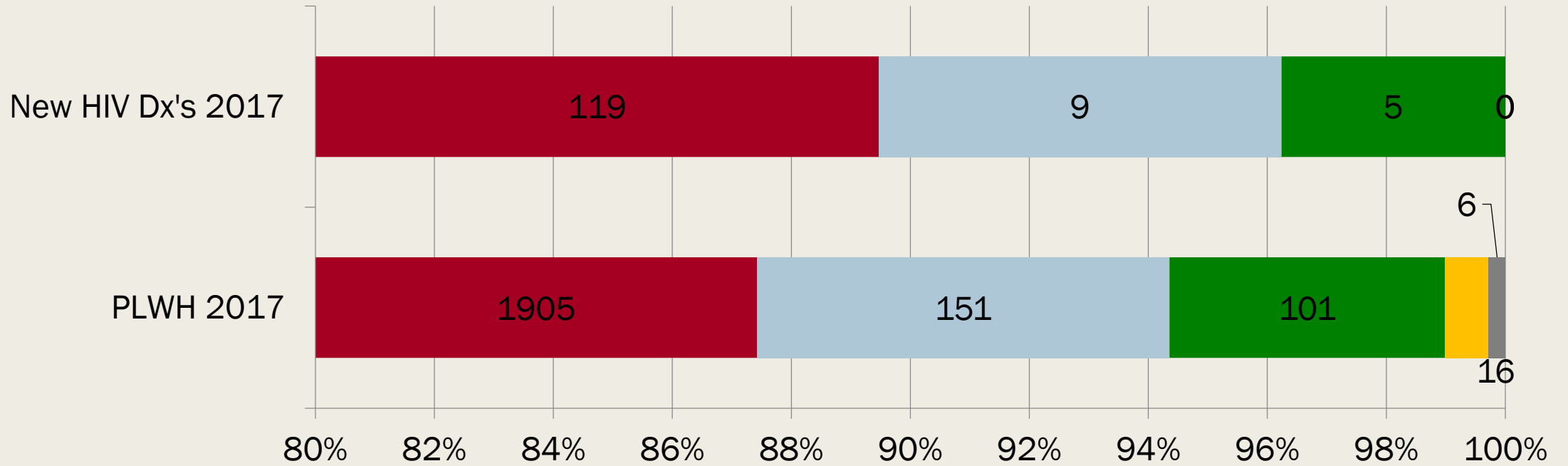
■ Female ■ Male ■ Transgender Female ■ Transgender Male

# El Paso - PLWHA & New HIV Diagnoses by Age Group, 2017



# El Paso - HIV by Race/Ethnicity, 2017

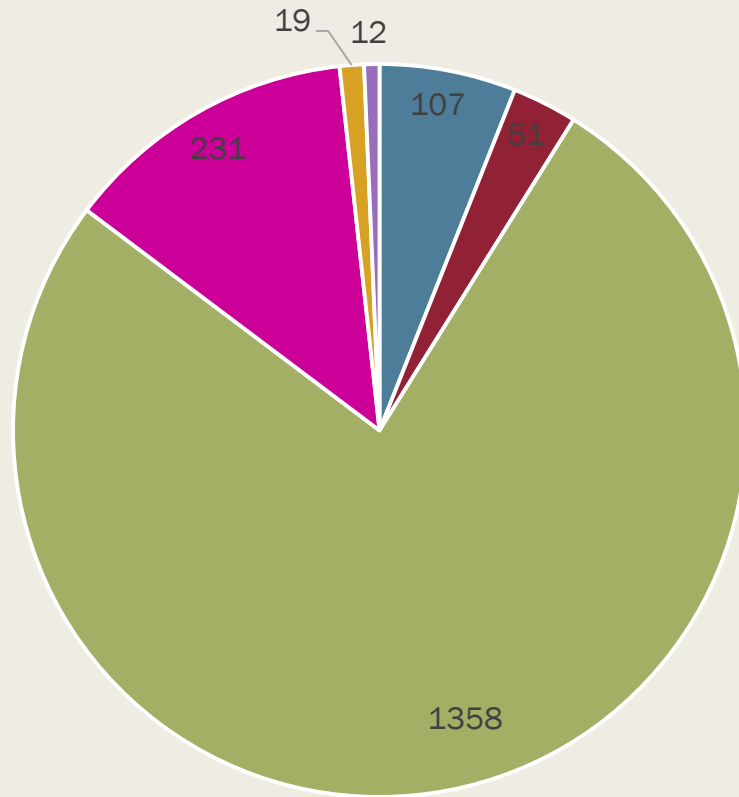
## New Diagnoses by Race 2017



	PLWH 2017	New HIV Dx's 2017
■ Latinx	1905	119
■ White	151	9
■ Black	101	5
■ Multi-Race	16	0
■ Other	6	0

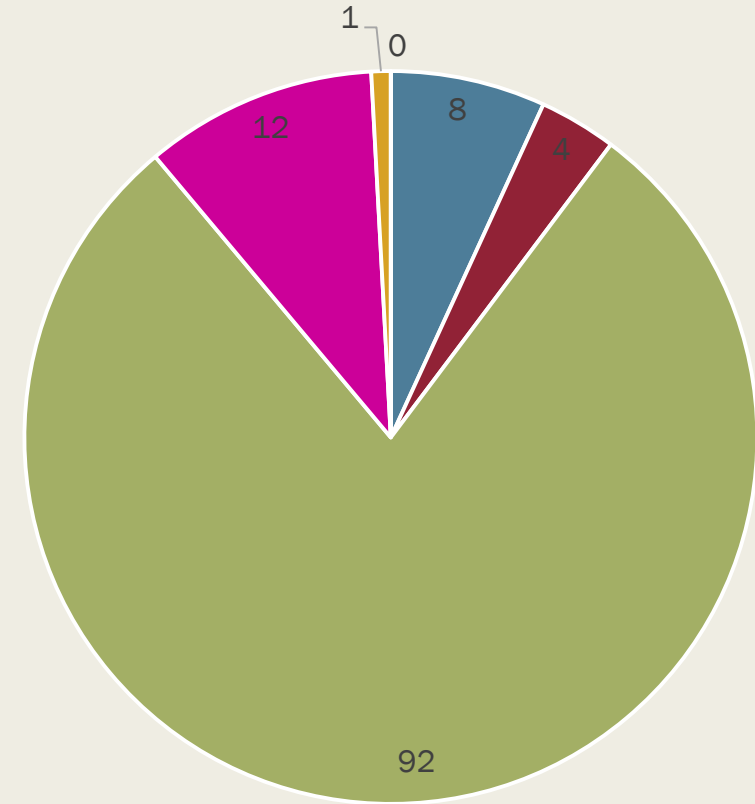
# El Paso - HIV Among Priority Populations, 2017

PLWH 2017



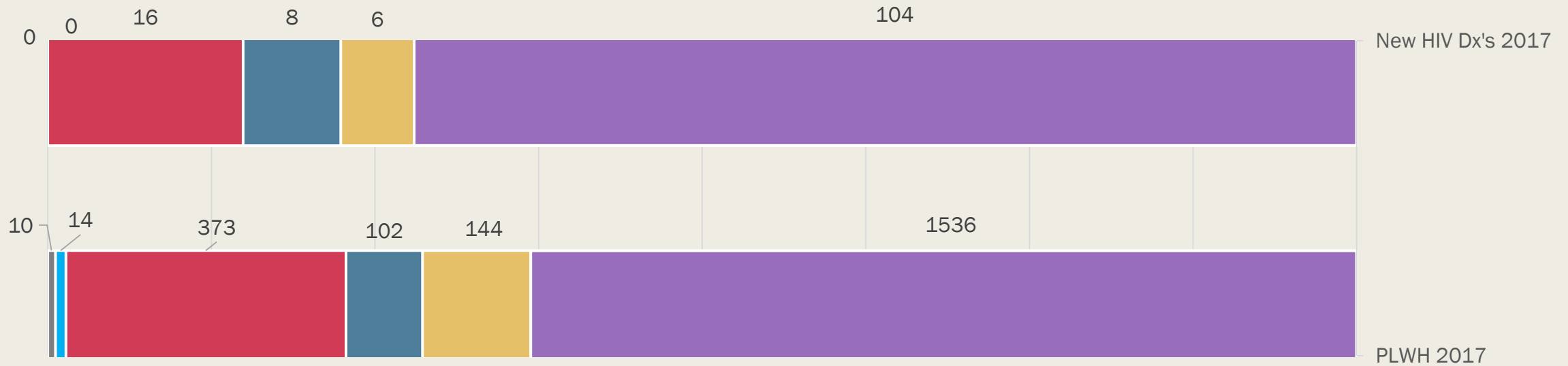
■ White MSM    ■ Black MSM    ■ Hispanic MSM  
■ Latinx Het Female    ■ Black Het Female    ■ Transgender

New HIV Dx's 2017,



■ White MSM    ■ Black MSM    ■ Hispanic MSM  
■ Latinx Het Female    ■ Black Het Female    ■ Transgender

# El Paso - HIV by Mode of Transmission, 2017

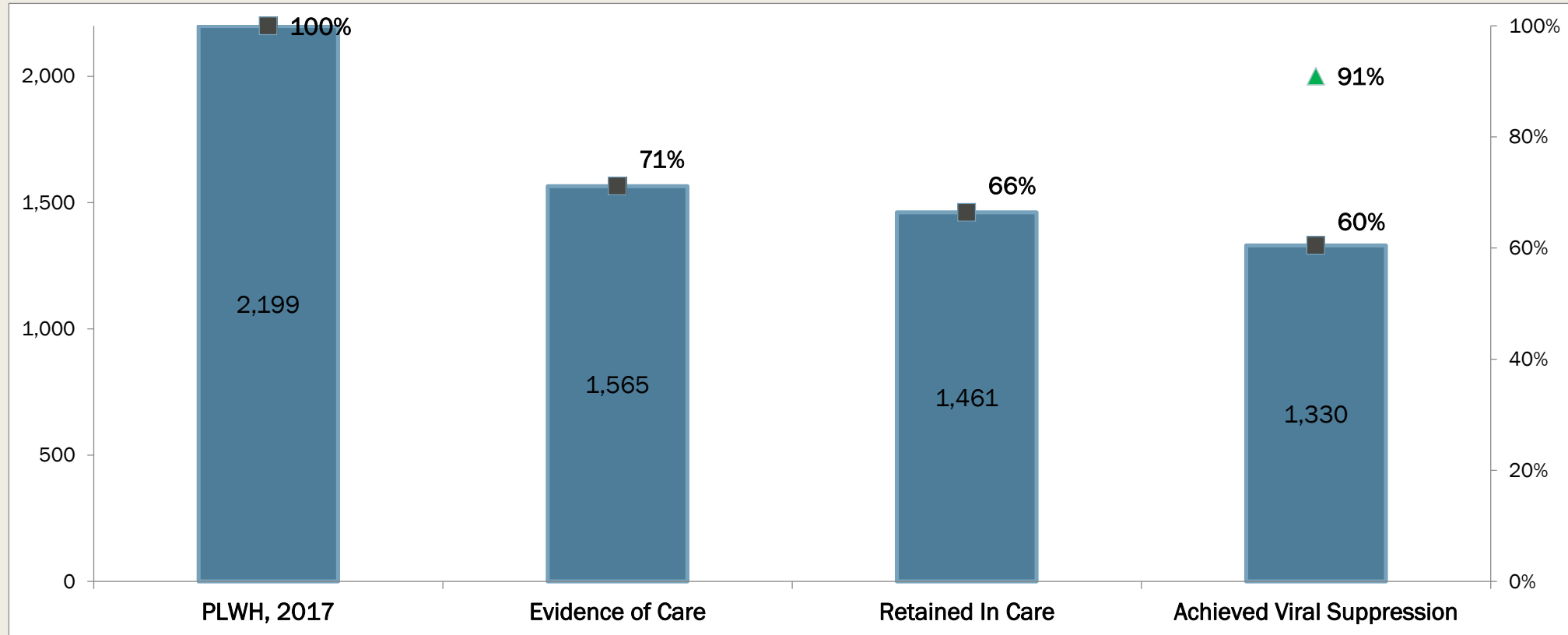


	PLWH 2017	New HIV Dx's 2017
■ Male-Male Sexual Contact	1536	104
■ Injection Drug Use	144	6
■ MSM/IDU	102	8
■ Heterosexual Contact	373	16
■ Perinatal	14	0
■ Adult Other	10	0
<b>TOTAL</b>	<b>2179</b>	<b>134</b>



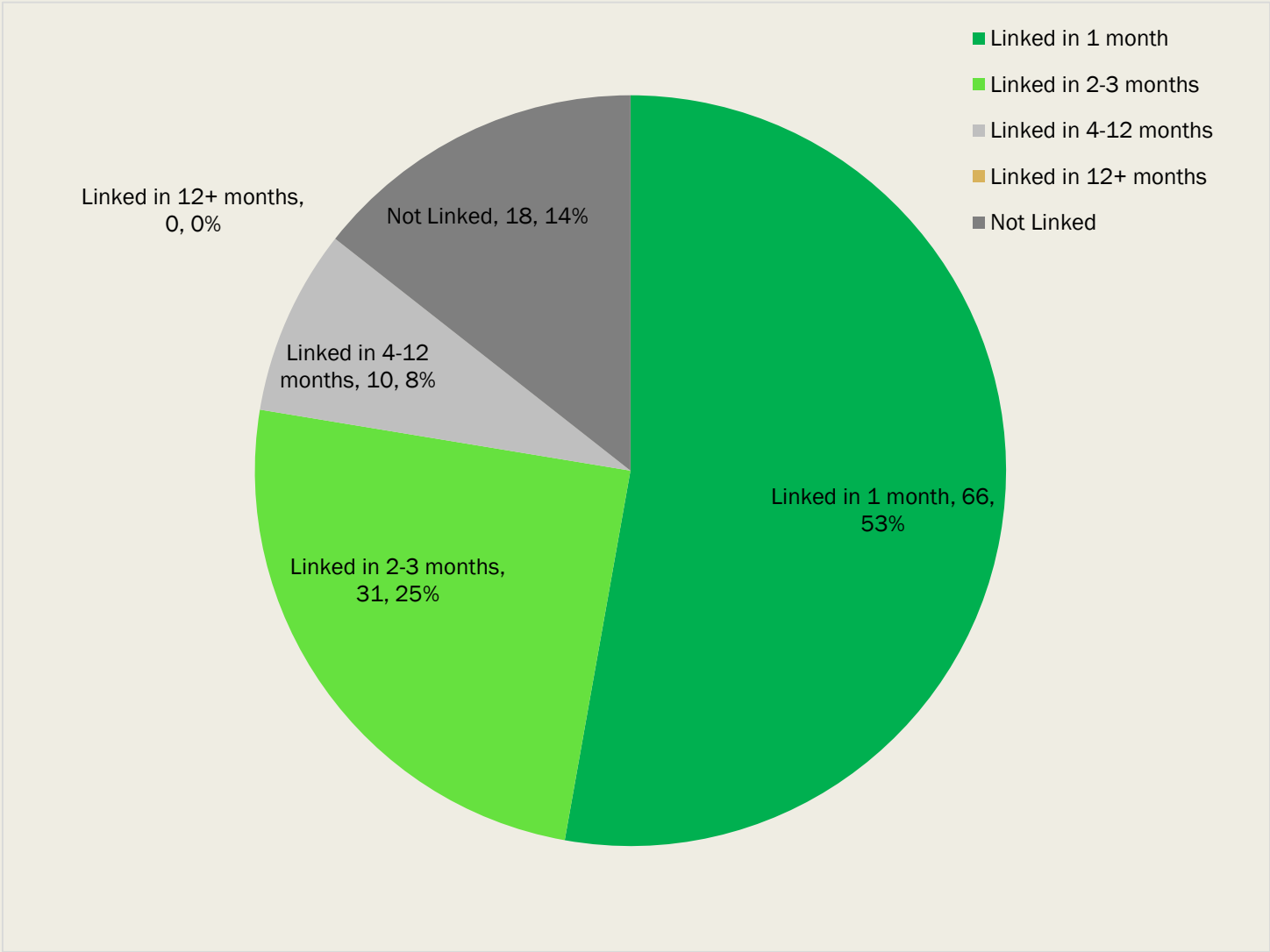
# El Paso - Treatment & Linkage to Care

El Paso HSDA HIV Population Treatment Cascade, 2017



- **HIV+ Individuals at end of 2017** - No. of HIV+ individuals (alive) at the end of 2017.
- **At Least One Visit in 2017** - No. of PLWH with a met need (at least one: medical visit, ART prescription, VL test, or CD4 test) in 2017.
- **Retained in Care** is number of PLWH with at least 2 visits or labs, at least 3 months apart or suppressed at end of 2017.
- **Achieved Viral Suppression at end of 2016** - No. of PLWH whose last viral load test value of 2017 was  $\leq 200$  copies/mL.

# El Paso - Treatment & Linkage to Care, 2017



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

# References

1. Texas HIV Surveillance Report, 2017 Annual Report,  
[www.dshs.state.tx.us/hivstd/reports/default.shtm](http://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](http://www.cdc.gov/nchhstp/newsroom/2016/croi-press-release-risk.html)
3. Texas DSHS. Enhanced HIV AIDS Reporting System. July 2, 2017

# Contact

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[www.elpasotexas.gov/public-health/programs/hiv-prevention](http://www.elpasotexas.gov/public-health/programs/hiv-prevention)