



TEXAS
Health and Human
Services

**Texas Department of State
Health Services**

Begin with the End in Mind



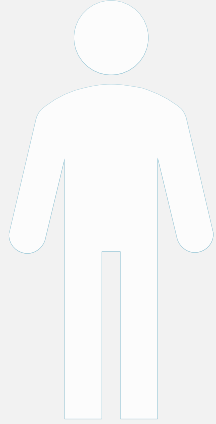
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Relevant Abbreviations

- Race/Ethnicity
 - AIAN – American Indian/Alaska Native
 - NHPI – Native Hawaiian/Other Pacific Islander
- Mode of Transmission
 - IDU – Injection Drug Use
 - MSM – Men who have Sex with Men
 - MSM/IDU – Men who have Sex with Men and injection drug use
- Treatment Related
 - ART – Antiretroviral Therapy
 - PrEP – Pre-Exposure Prophylaxis
- Miscellaneous
 - DSHS – Department of State Health Services
 - Dx – Diagnosis
 - EHE – Ending the HIV Epidemic
 - PLWH – People Living with HIV





50%

**DECREASE IN
THE NUMBER
OF PEOPLE
WHO
ACQUIRE HIV
(INCIDENCE)**



**They get a
diagnosis**



**They get on ART
or retained in care**



**They have a
suppressed viral load**



**People Living
With HIV
(PLWH) **know
their status****



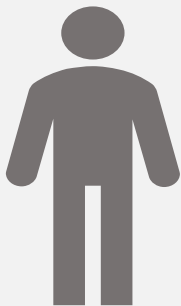
**PLWH who
know their
status **are
on ART****



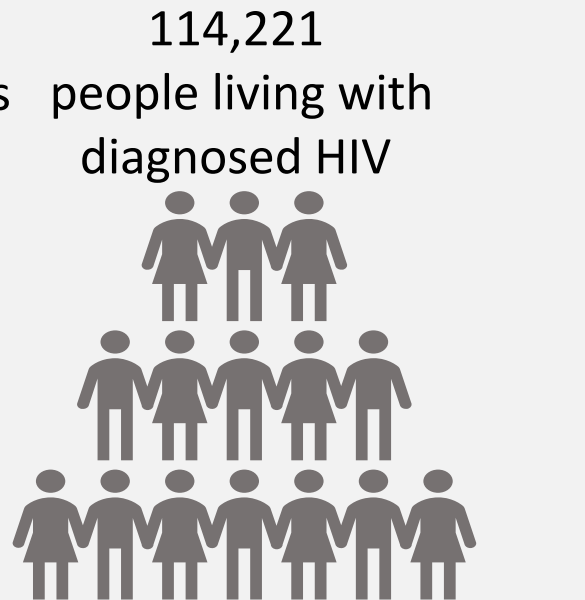
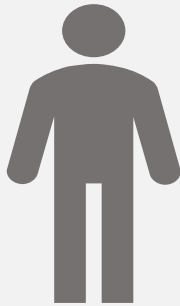
**PLWH who
are on ART
**achieve viral
suppression****

HIV in Texas, 2023

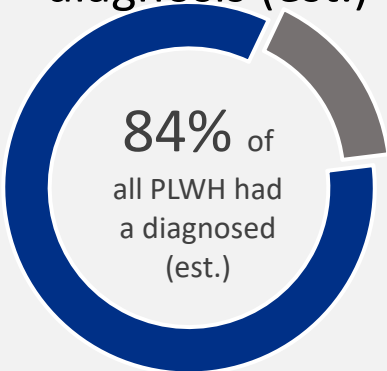
5,084 Texans
Diagnosed with HIV



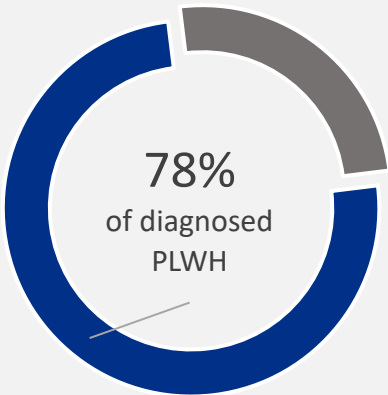
Estimated 4,500 Texans
acquired HIV in 2022



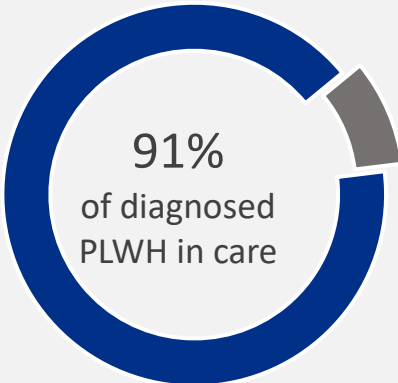
About 4 out of 5 of all Texans
with HIV had received a
diagnosis (est.)



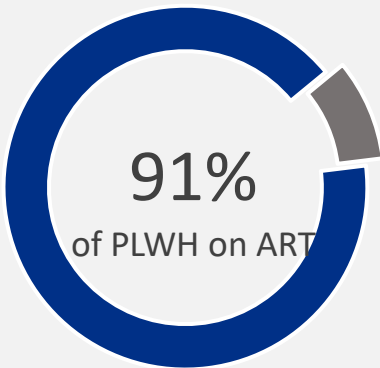
88,892 were in HIV care



80,667 were on ART*



73,250
On ART had suppressed VL



*Diagnosed PLWH retained or
with suppressed viral load as a proxy

12

Texans acquire
HIV every day

1 in 6

Texans living with HIV are
unaware of their status

2 in 9

Texans with diagnosed
HIV are not in care

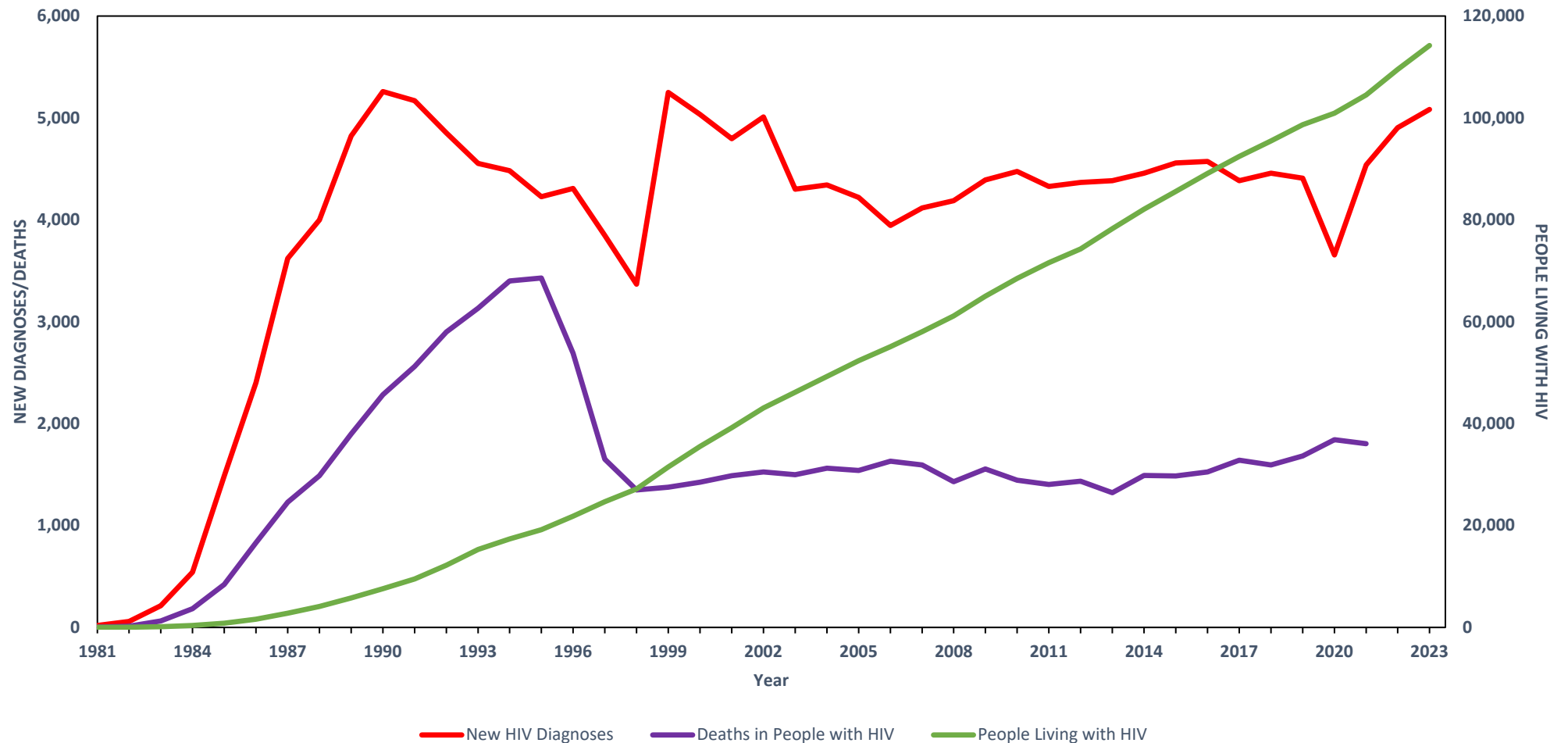
New HIV Diagnoses in Texas



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New HIV Diagnoses, People Living with HIV, and Deaths in Texas (1981-2023)



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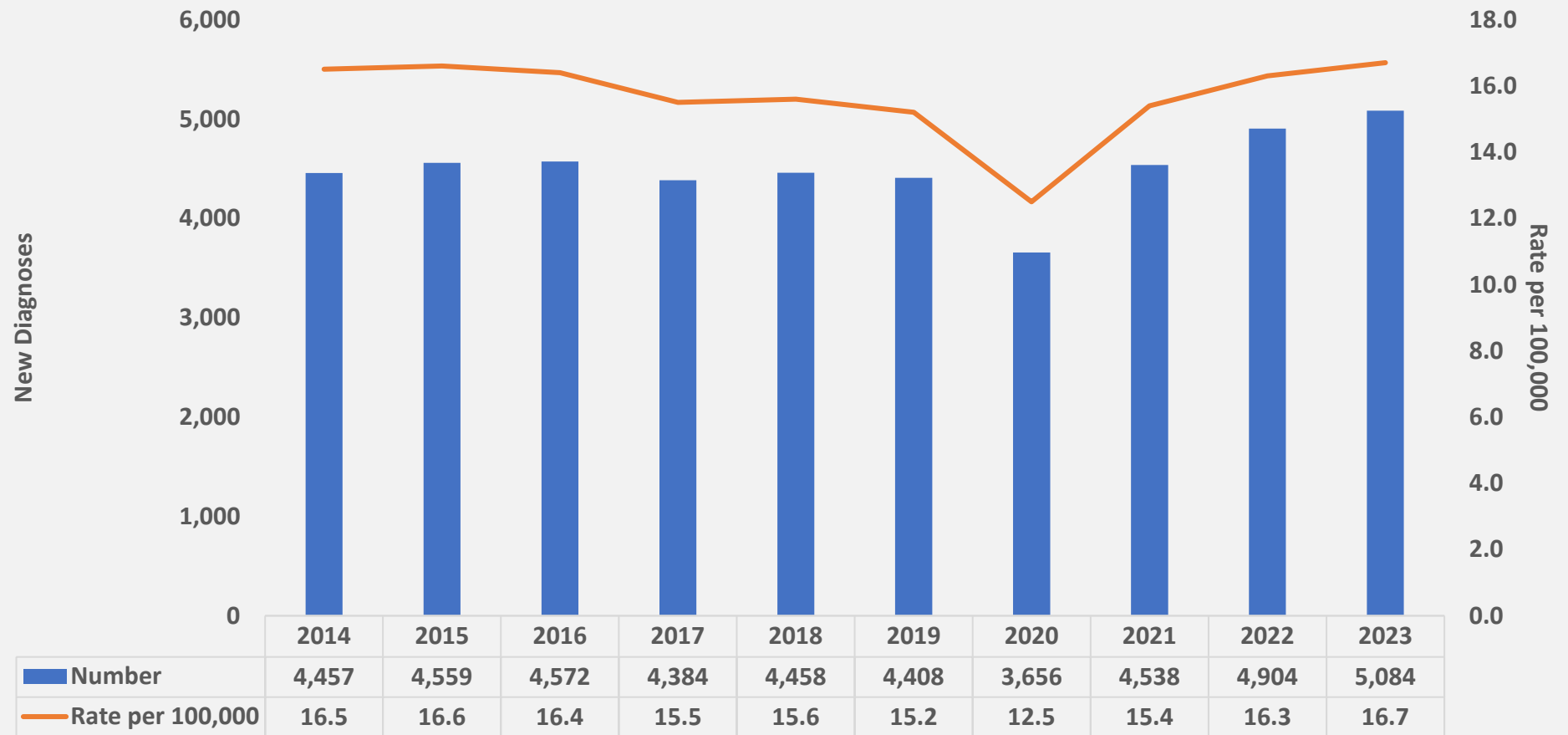
New HIV Diagnoses

- Rates of new HIV diagnoses have slightly increased from 16.5 per 100,000 in 2014 to 16.7 per 100,000 in 2023.
- In 2023, rates of new HIV diagnoses are highest among males (27.3 per 100,000), Blacks (34.7 per 100,000), and those between 25 and 29 years of age (45.2 per 100,000).
- Between 2014 and 2023, the proportion of new HIV diagnoses increased for Hispanic MSM, from 30.3% to 39.2%.
- Within the last ten years, among those newly diagnosed with HIV, the average proportion of those with a late diagnoses (3 months between HIV diagnosis and AIDS) has remained similar between 2014-2023 (21.0%).



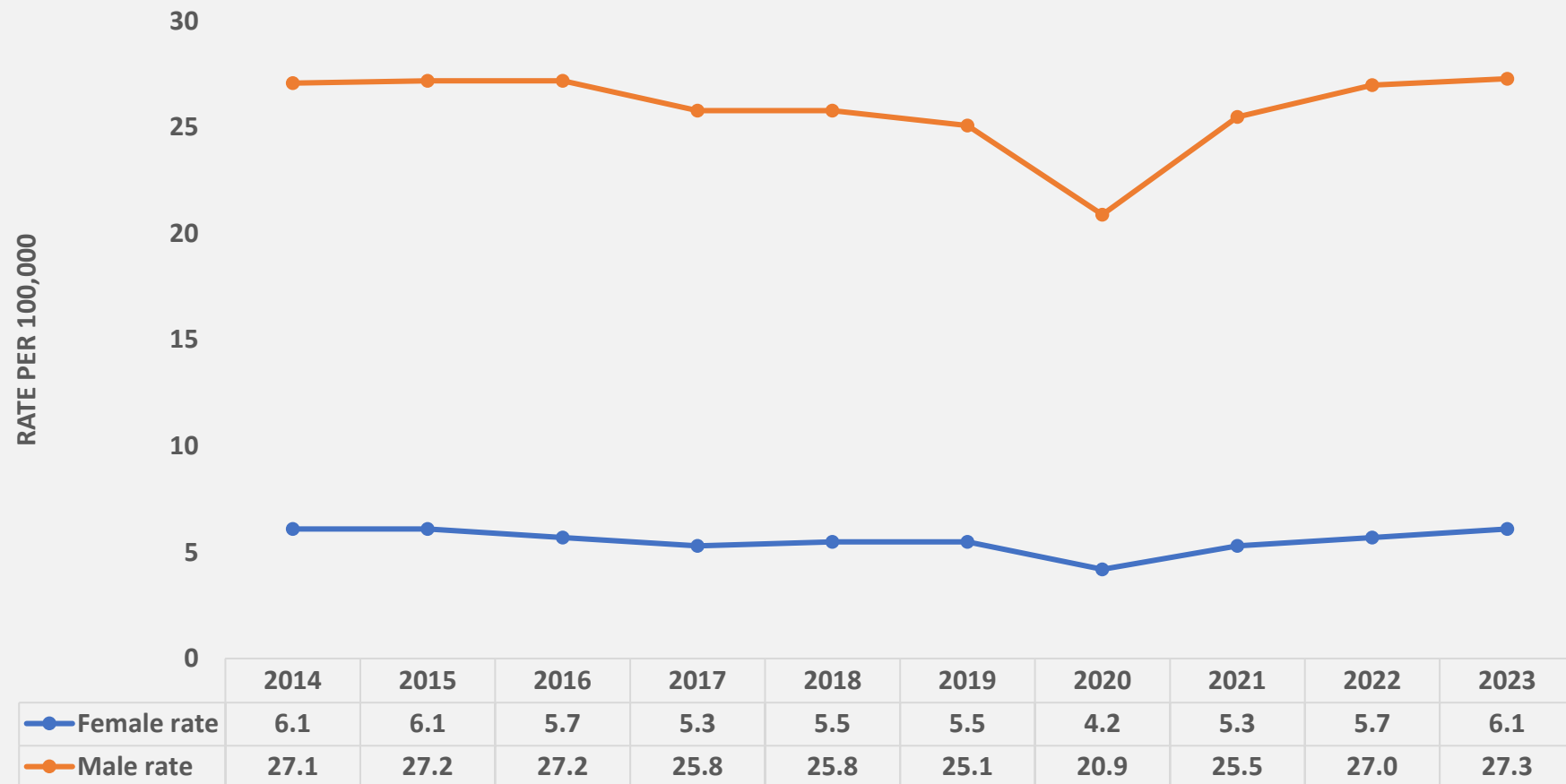
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New HIV Diagnoses and Rates by Year of Diagnosis, 2014-2023

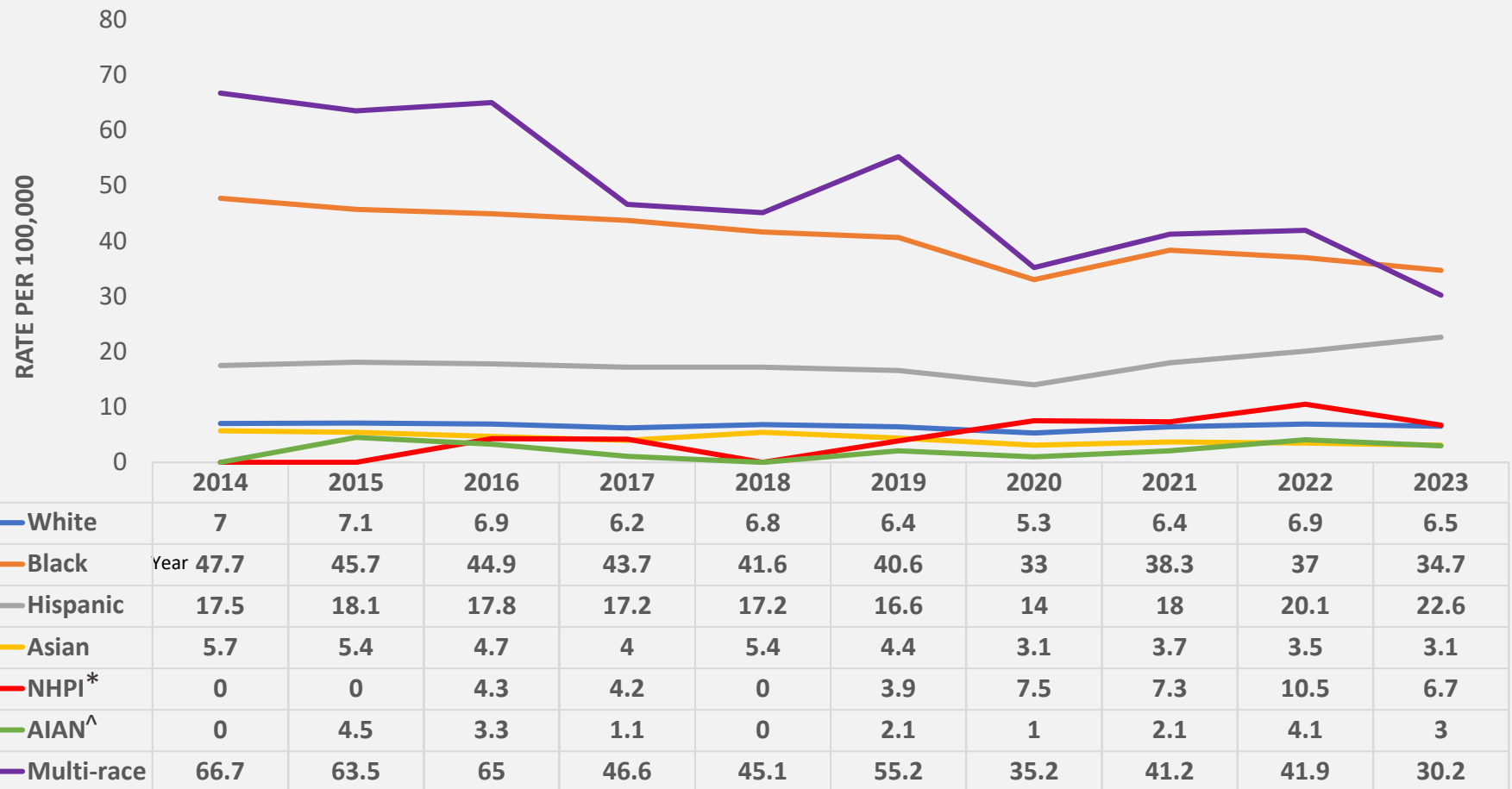


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New HIV Diagnosis Rates by Sex at Birth and Year of Diagnosis, 2014-2023



New HIV Diagnosis Rates by Race/Ethnicity and Year of Diagnosis, 2014-2023

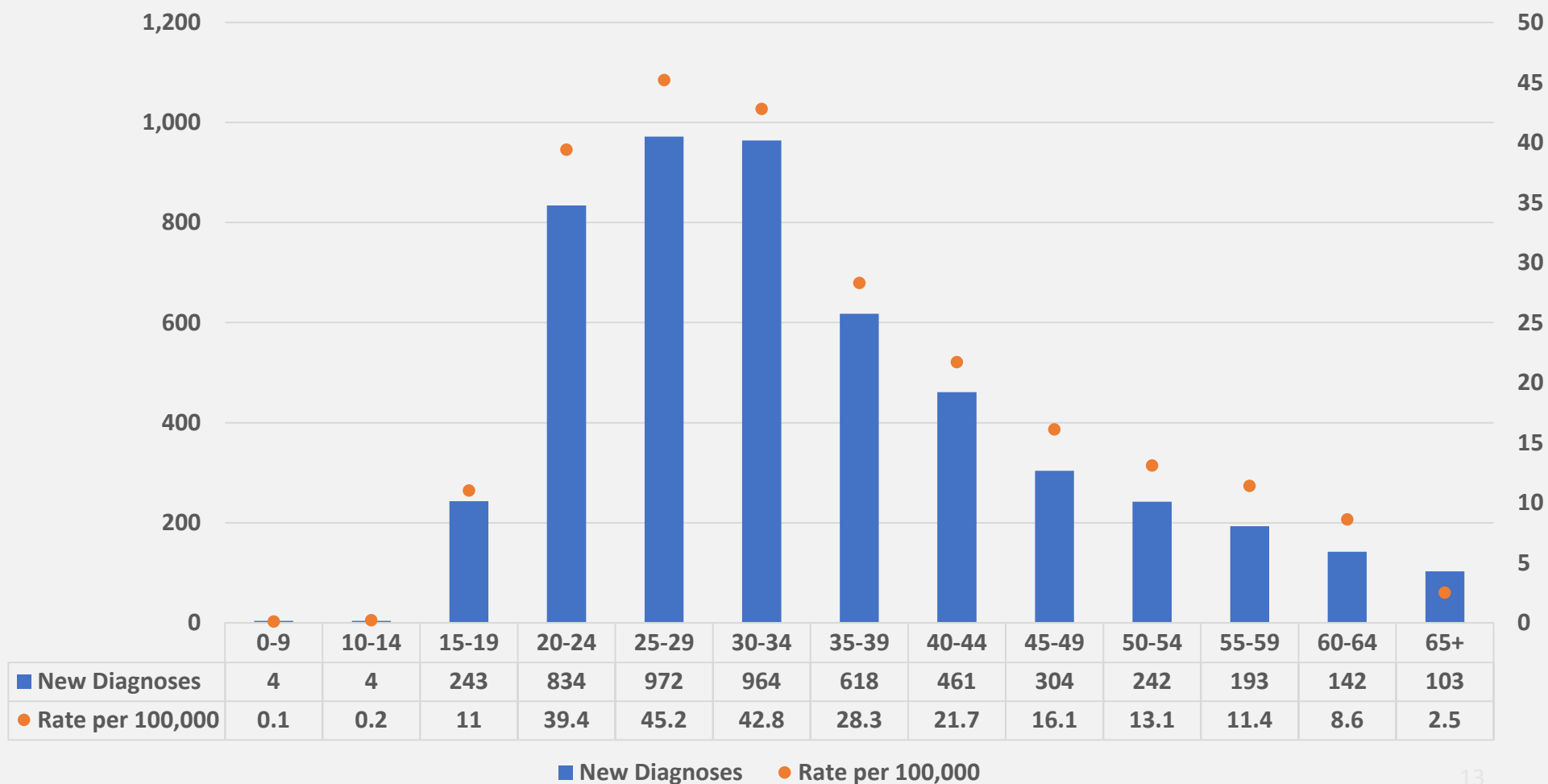


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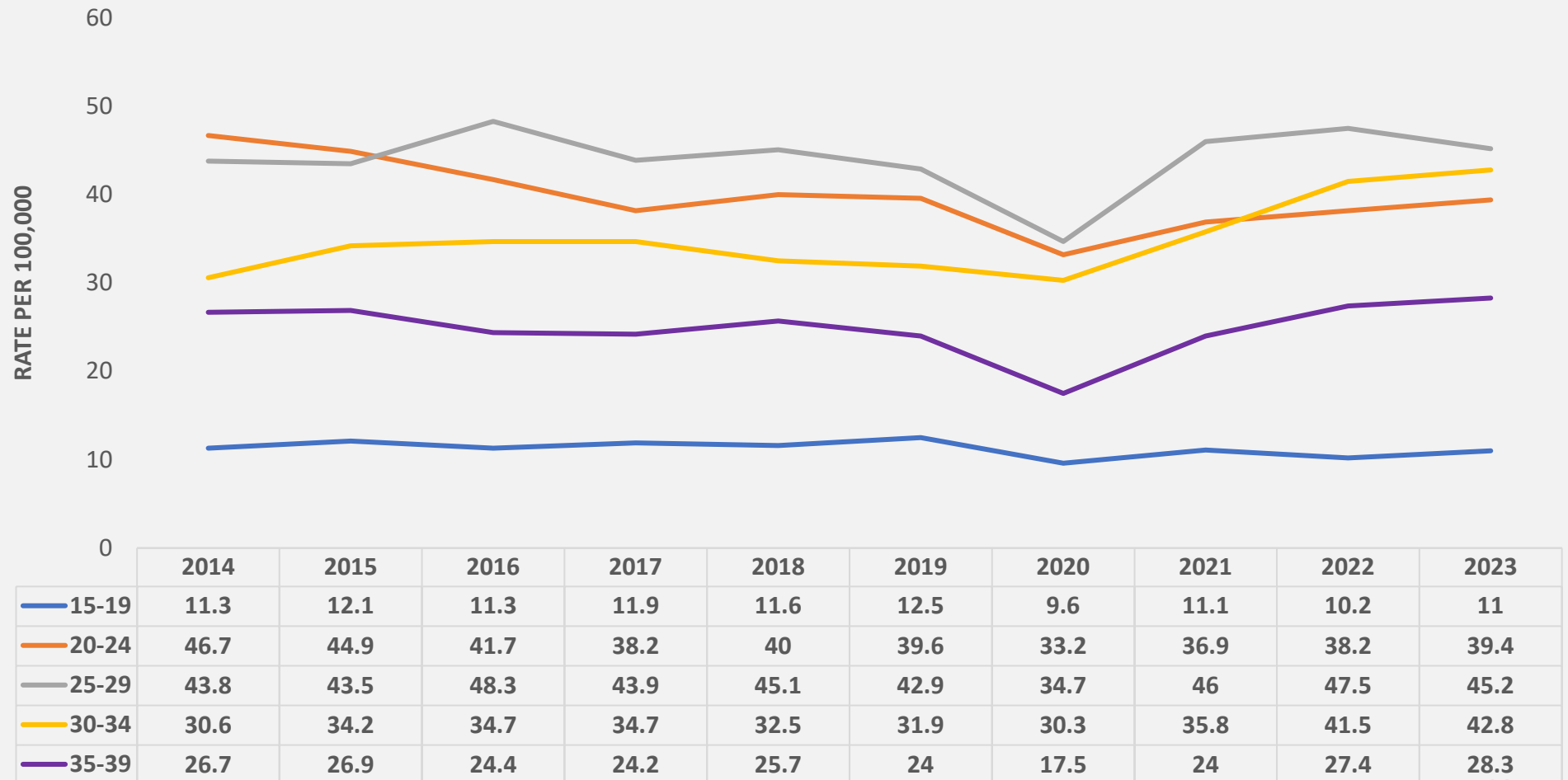
* NHPI- Native Hawaiian/Pacific Islander

^ AIAN- American Indian/Alaskan Native

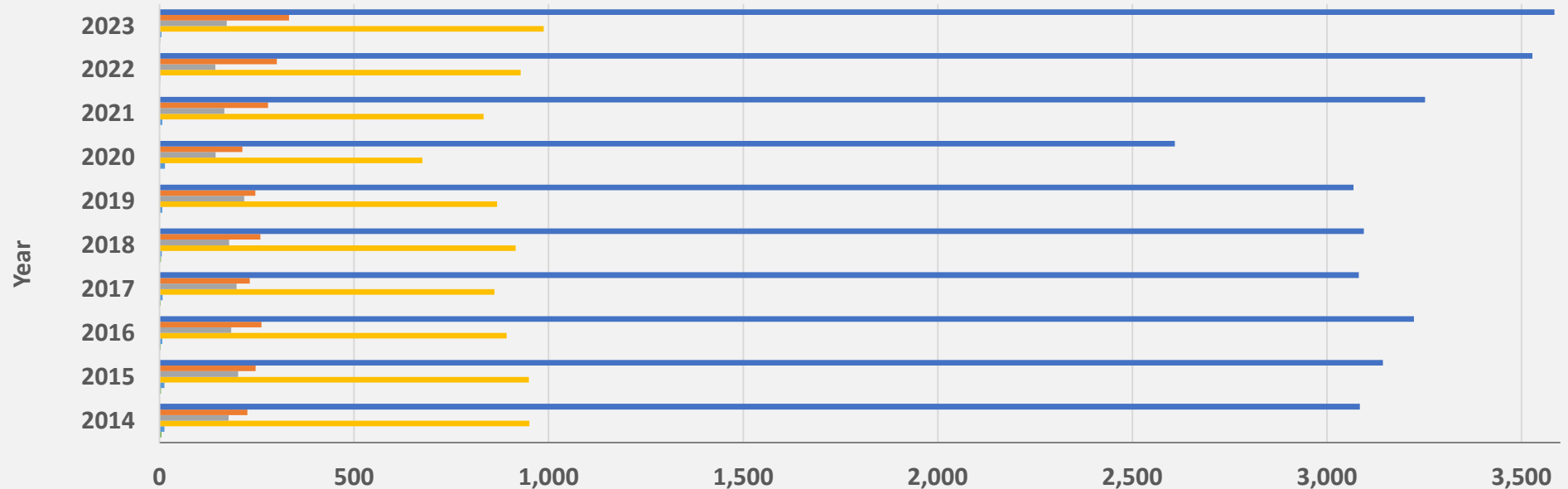
New HIV Diagnoses and Rates by Age at Diagnosis, 2023



New HIV Diagnosis Rates Among Ages 15-39, 2014-2023



New HIV Diagnoses by Mode of Transmission*, 2014-2023



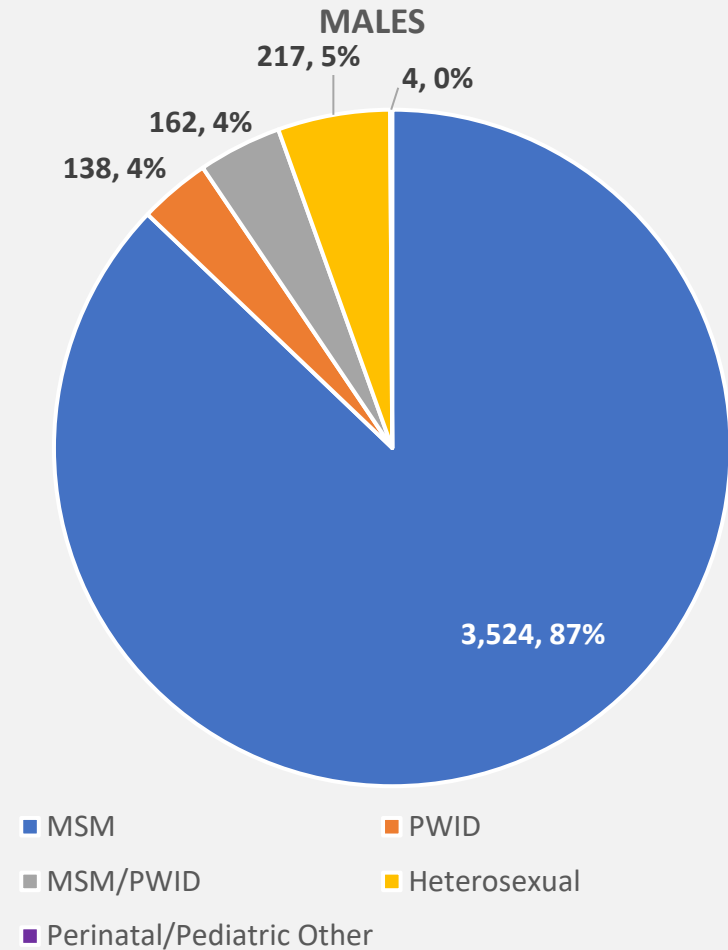
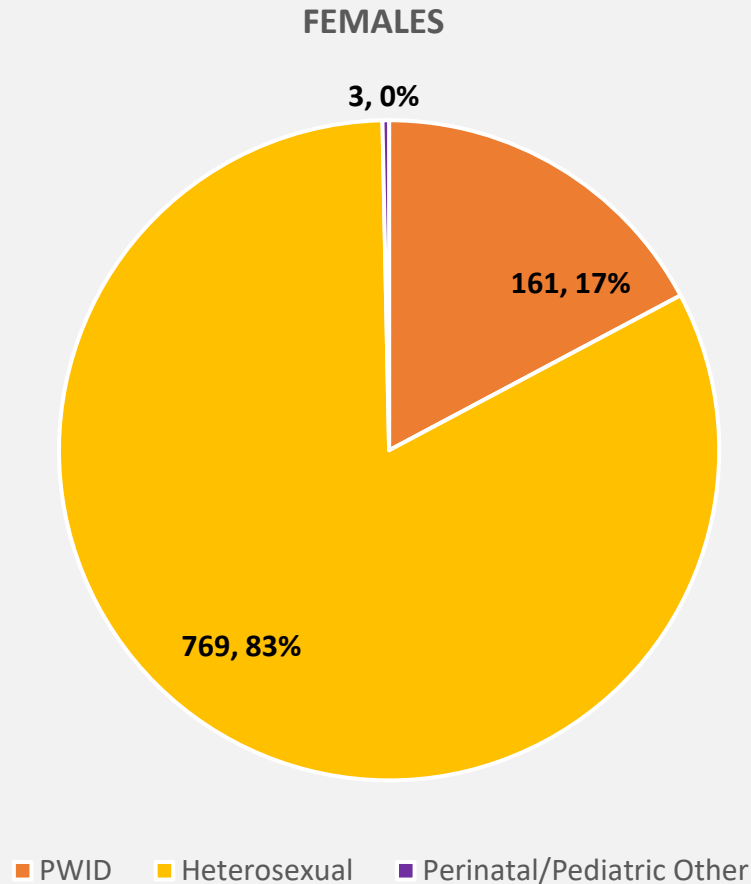
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
MSM	3,085	3,144	3,224	3,082	3,095	3,068	2,609	3,252	3,528	3,585
PWID	226	247	262	232	259	247	213	279	301	333
MSM/PWID	178	202	184	198	179	218	144	167	143	173
Heterosexual	951	950	892	861	915	868	675	833	928	987
Perinatal	13	13	7	8	6	7	14	7	2	5
Pediatric Other	5	4	3	3	4	1	0	1	1	2

* Mode of transmission is imputed for individual patients when risk information is missing



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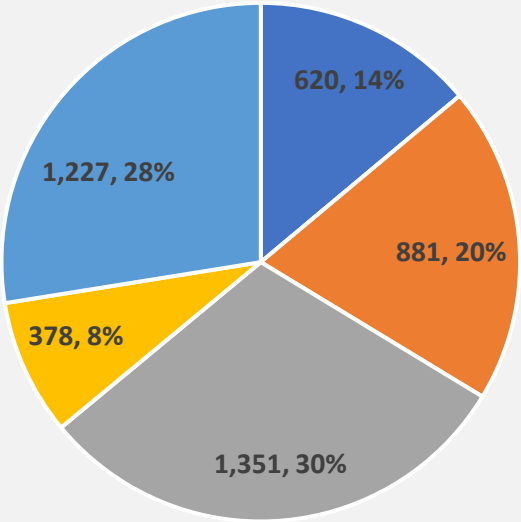
New HIV Diagnoses by Mode of Transmission and Sex at Birth, 2023



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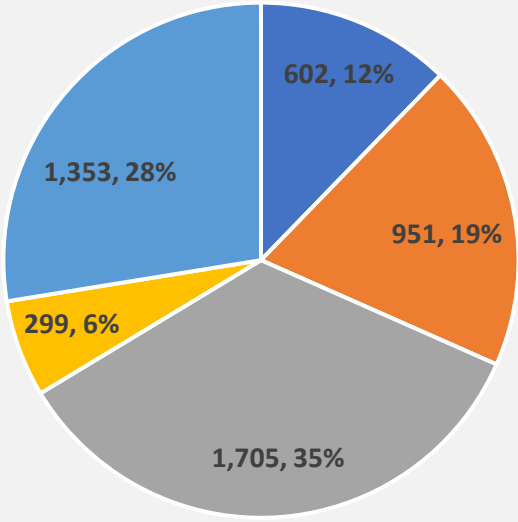
New HIV Diagnoses by Priority Group, 2014 vs. 2023

New HIV Diagnoses, 2014



■ White MSM ■ Black MSM ■ Latino MSM
■ Black Het Women ■ Other Populations

New HIV Diagnoses, 2023



■ White MSM ■ Black MSM ■ Latino MSM
■ Black Het Women ■ Other Populations



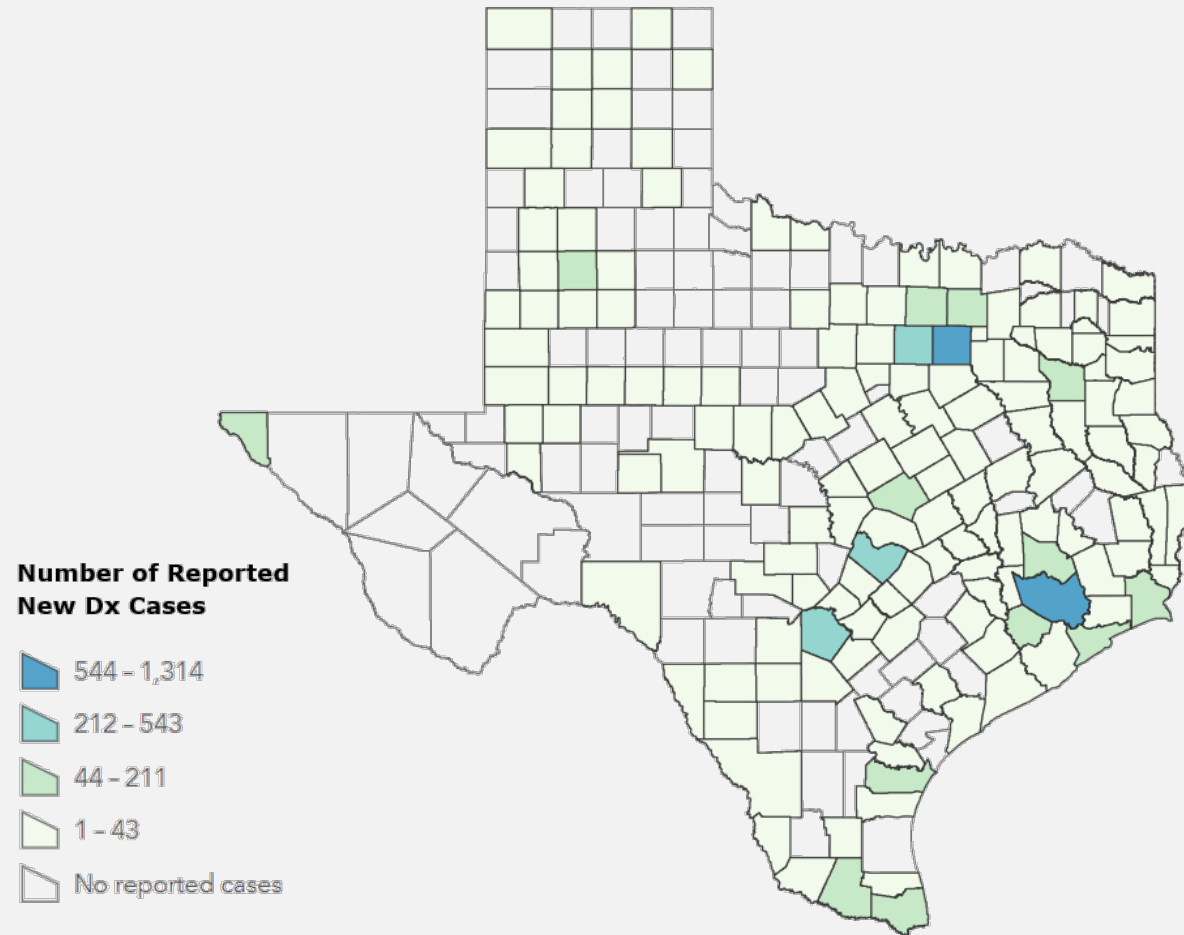
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Geographic Distribution of New Diagnoses for Top 10 HSDAs in Texas, 2023



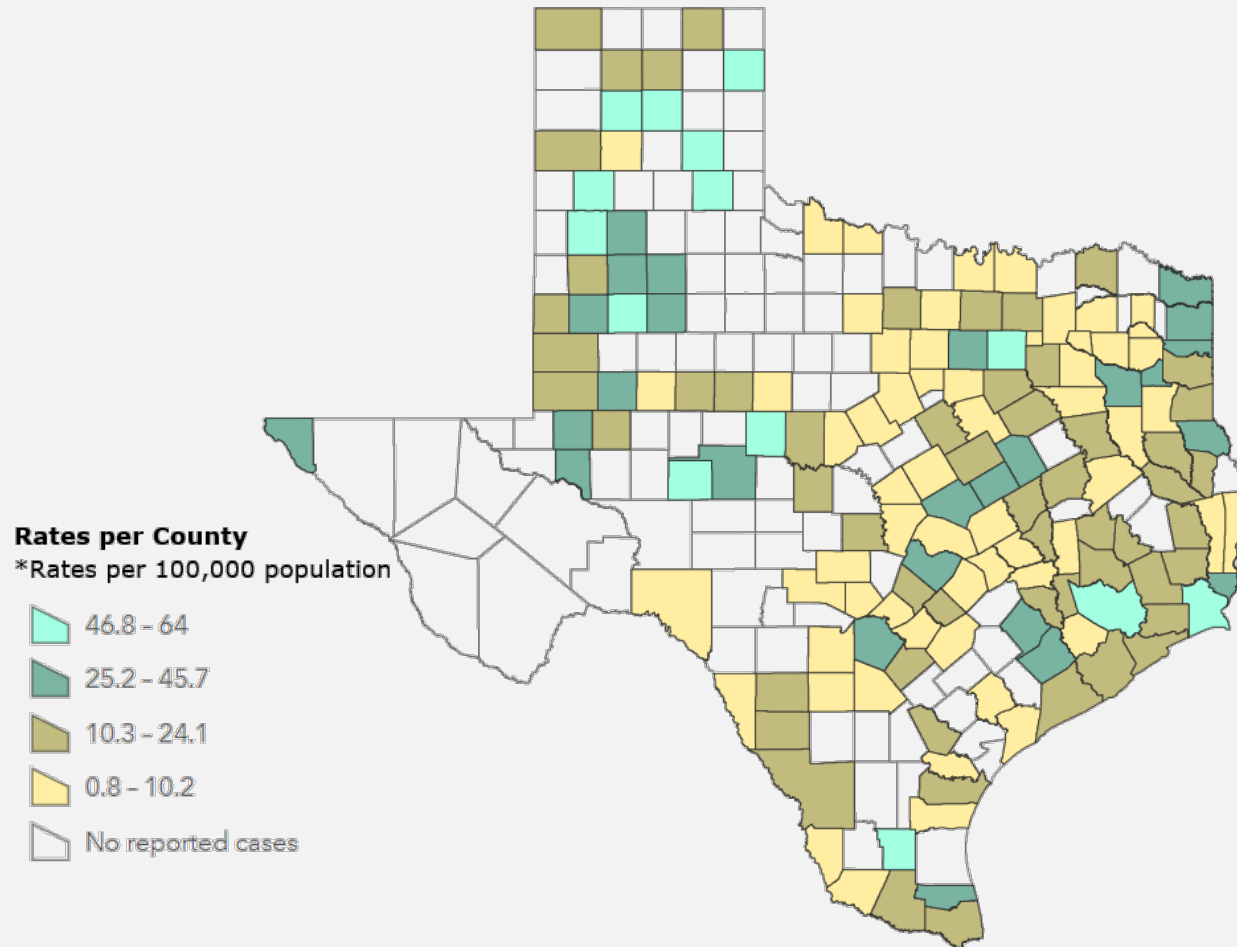
HSDA	New Dx	New Dx %
Houston	1,506	30%
Dallas	1,103	22%
San Antonio	417	8%
Fort Worth	380	7%
Austin	303	6%
Brownsville	164	3%
El Paso	151	3%
Tyler	102	2%
Galveston	90	2%
Beaumont	90	2%

Number of New HIV Diagnoses by Texas County, 2023



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Rate of New HIV Diagnoses by Texas County per 100,000, 2023



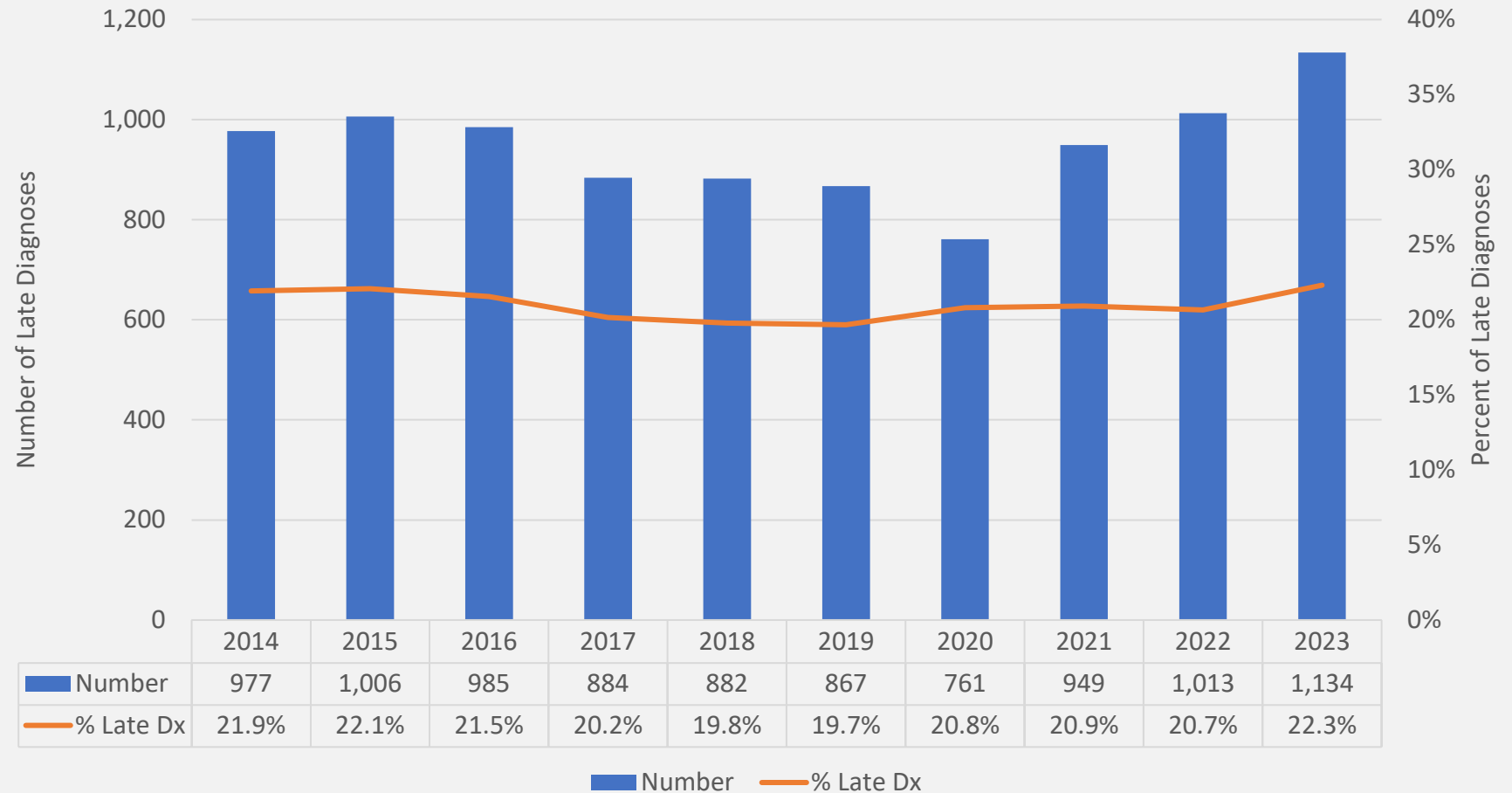
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Late Diagnoses

PLWH diagnosed with Stage 3 (AIDS) within 3 months of HIV diagnosis



Late Diagnoses* as Percentage of Total HIV Diagnoses, 2014-2023

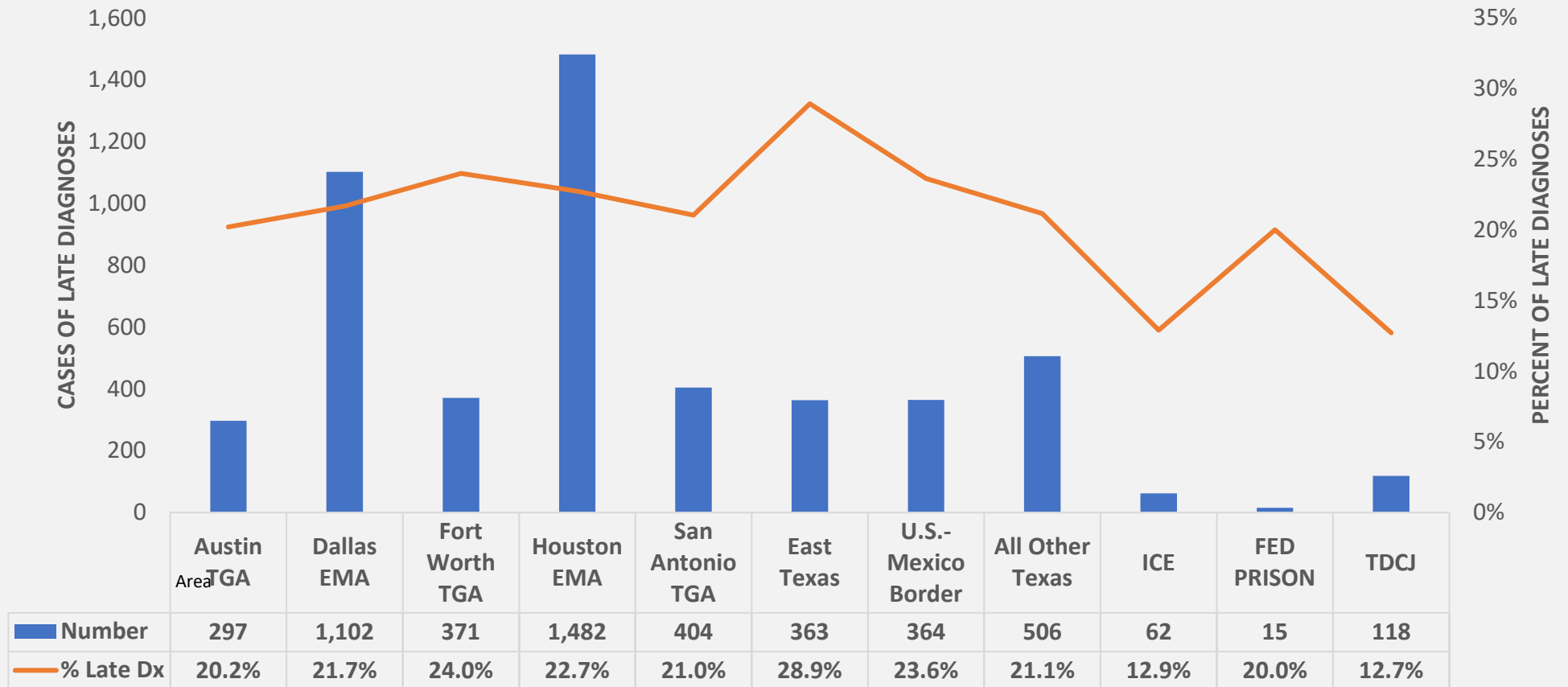


* Stage 3 (AIDS) diagnosis within 3 months of HIV diagnosis



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Late Diagnoses* as Percentage of Total HIV Diagnoses by EMA/TGA**, 2023



* Stage 3 (AIDS) diagnosis within 3 months of HIV diagnosis

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



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Estimated HIV Incidence

Profile of Texas residents estimated have acquired HIV from 2013 to 2022



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A Note about Incidence, Prevalence and Undiagnosed Estimates

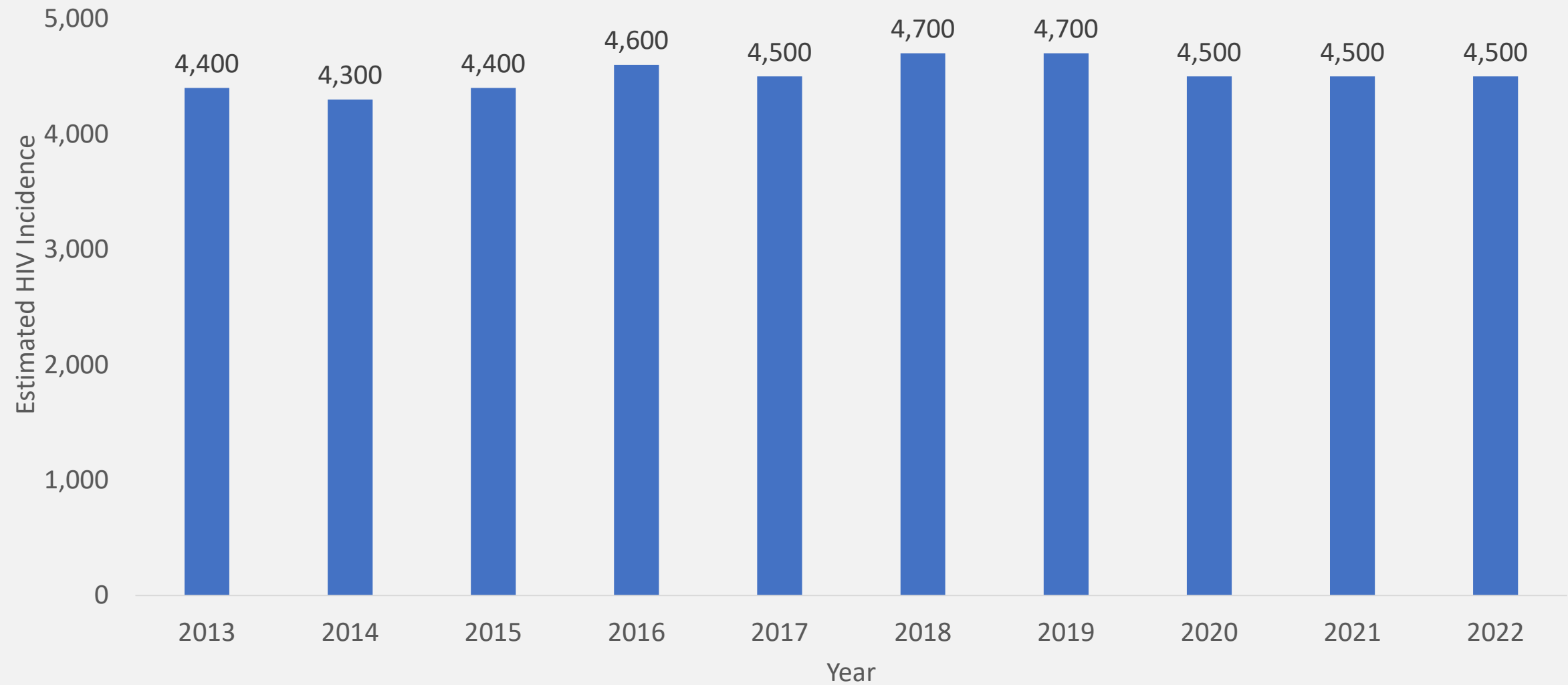
DSHS uses a CDC developed CD4 Depletion Model Analysis to estimate HIV Incidence and Prevalence. This Prevalence estimate, along with reported diagnoses, is used to estimate the number of people with undiagnosed HIV.

- **Incidence** is a term used to describe the number of HIV disease acquisitions per year.
- **New HIV diagnoses** numbers are not the same as HIV Incidence, as people can live with HIV for years between the acquisition event and diagnosis date.
- **Prevalence** is the total number of people living with HIV each year. This number includes all new diagnoses but does not include people who are deceased or move out of the jurisdiction.
- **Undiagnosed estimate**- use the estimated total number of people with HIV in a state or region minus the number of people who are diagnosed and reported to the health department.



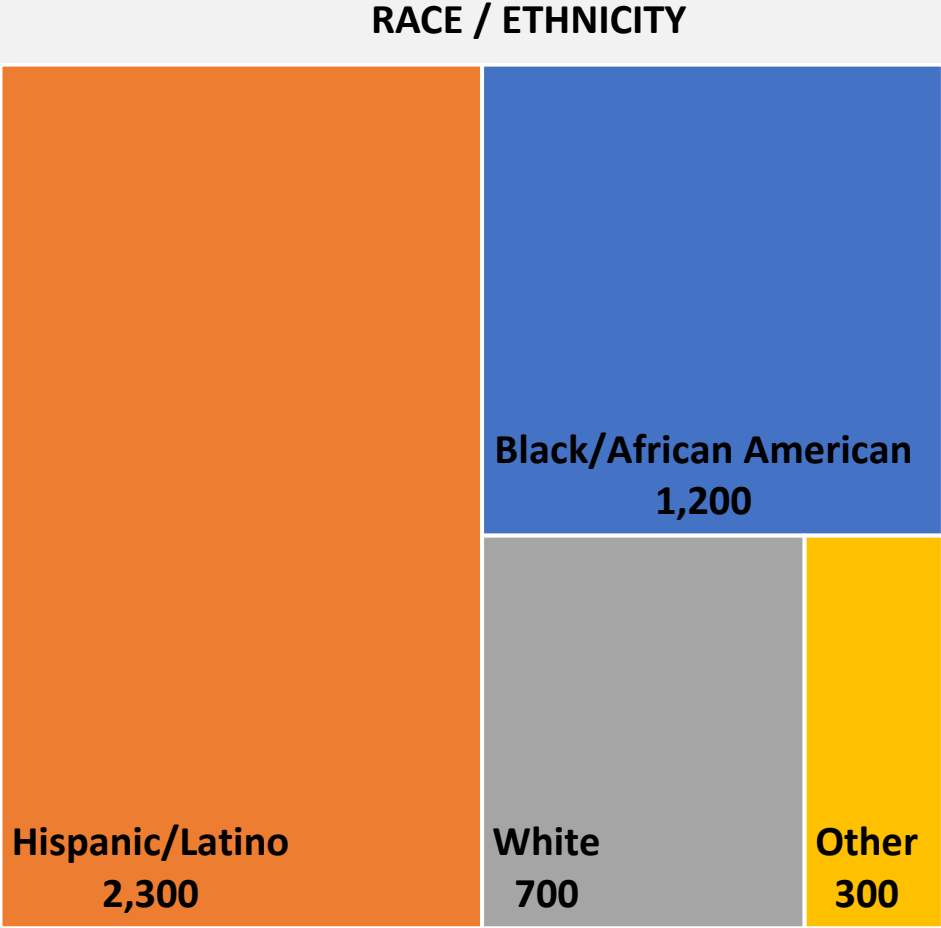
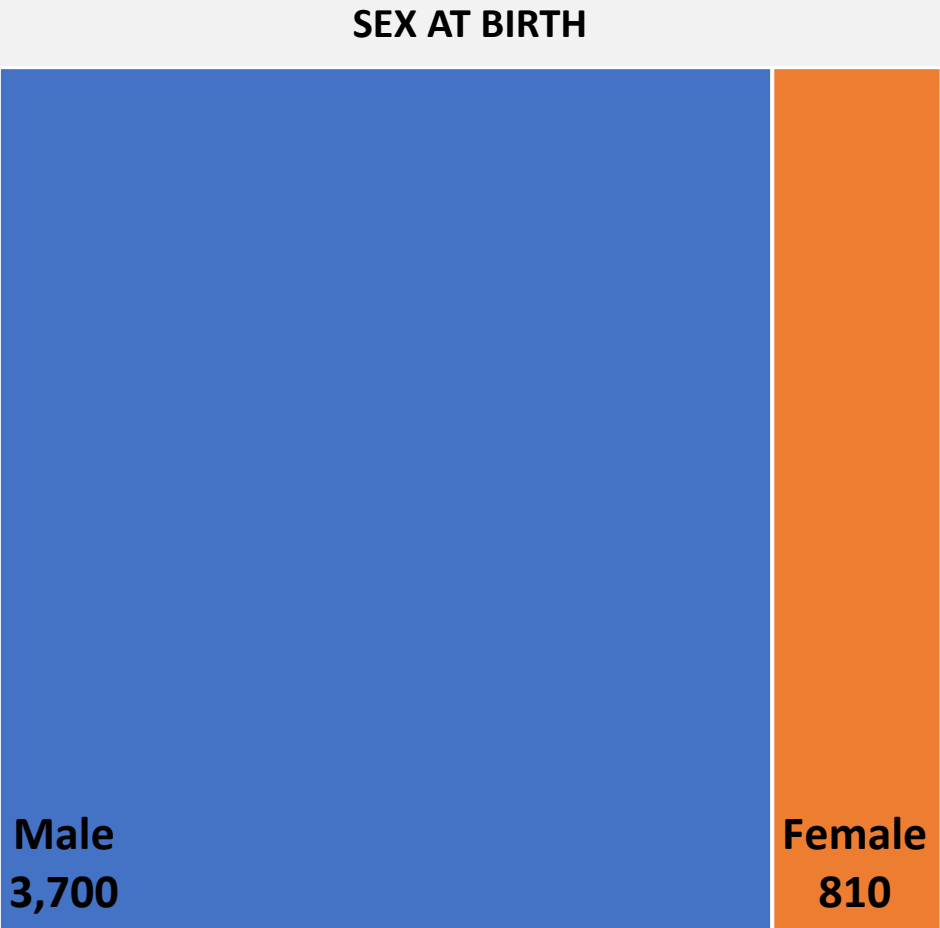
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Estimated HIV Incidence by Year, Texas 2013-2022



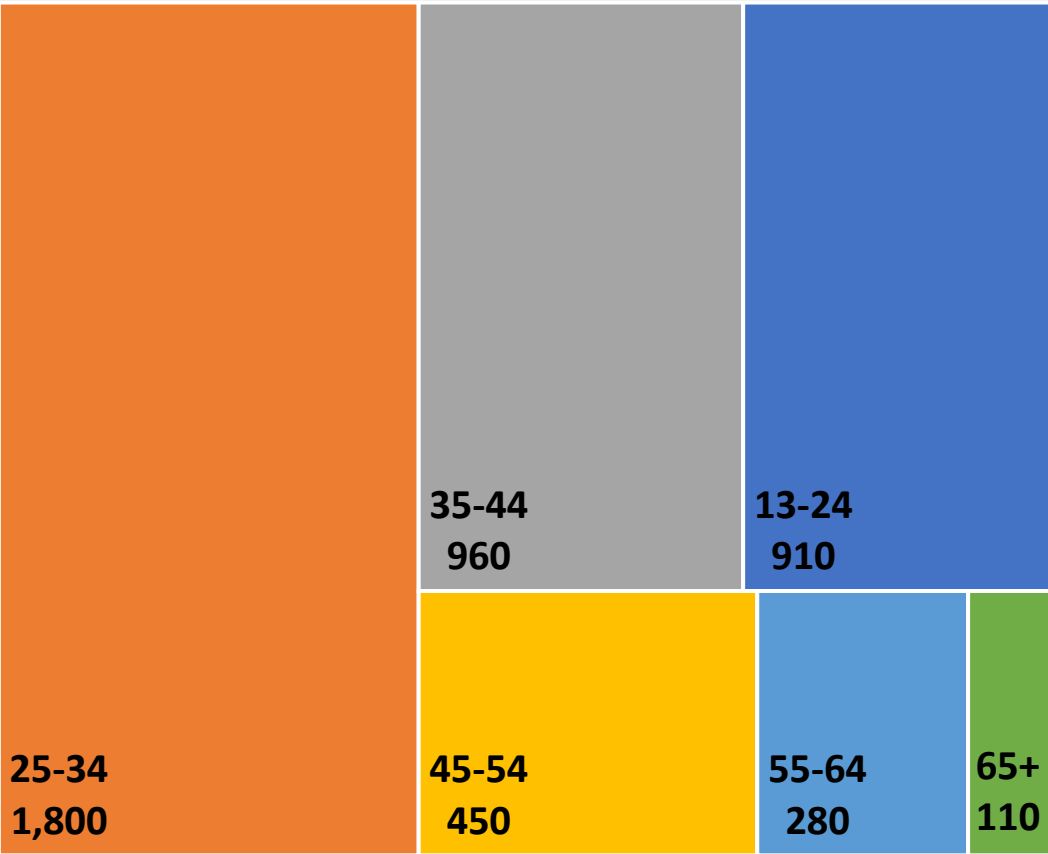
Source: CDC CD4 Depletion Model Version 6.0 Output, November 2024

Estimated HIV Incidence by Group, Texas 2022

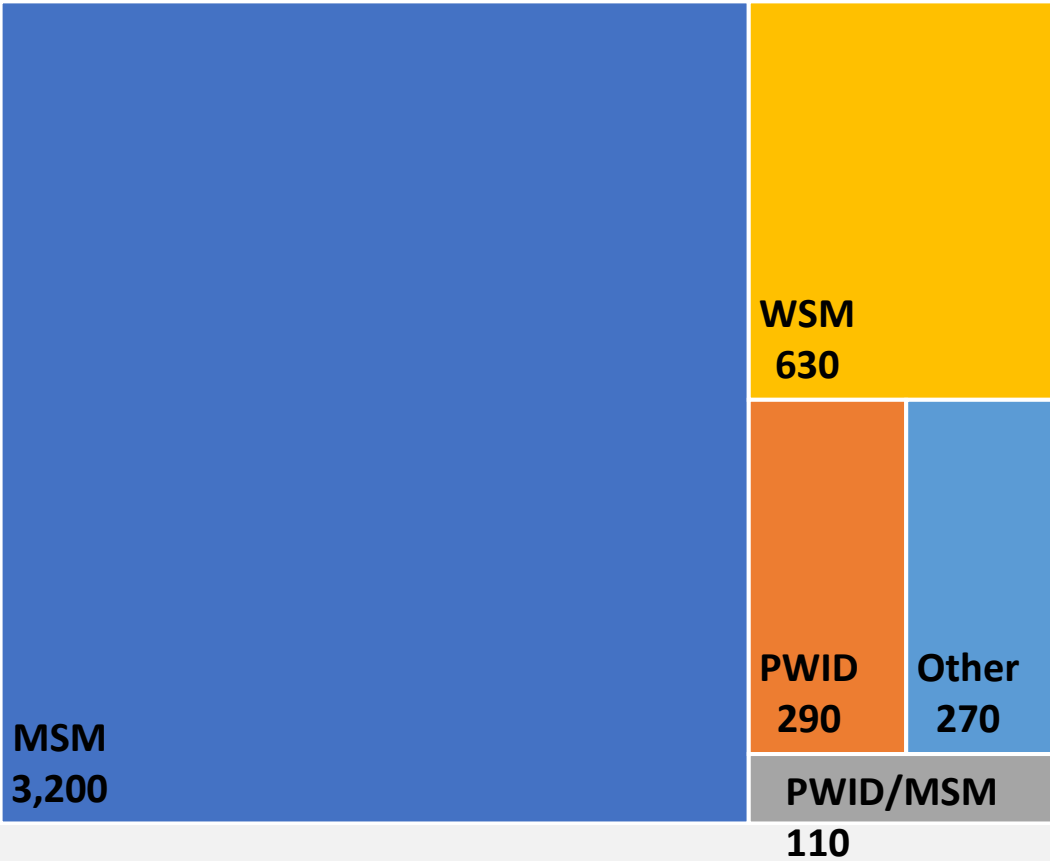


Estimated HIV Incidence by Group, Texas, 2022

Age at Diagnosis



MODE OF TRANSMISSION



People Living with Diagnosed HIV

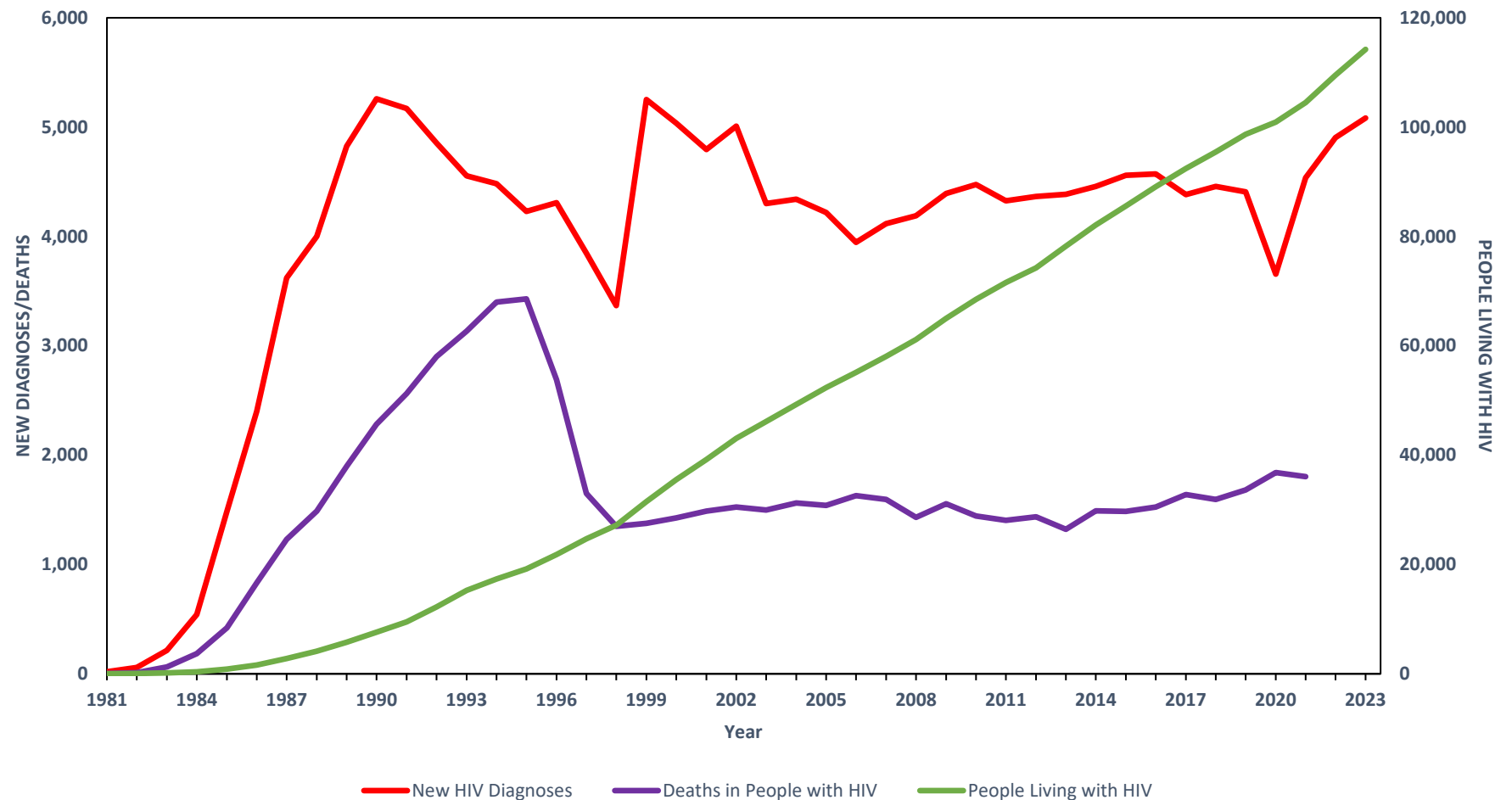
Profile of Texas residents living with diagnosed HIV in 2023



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New HIV Diagnoses, People Living with HIV, and Deaths in Texas (1981-2023)



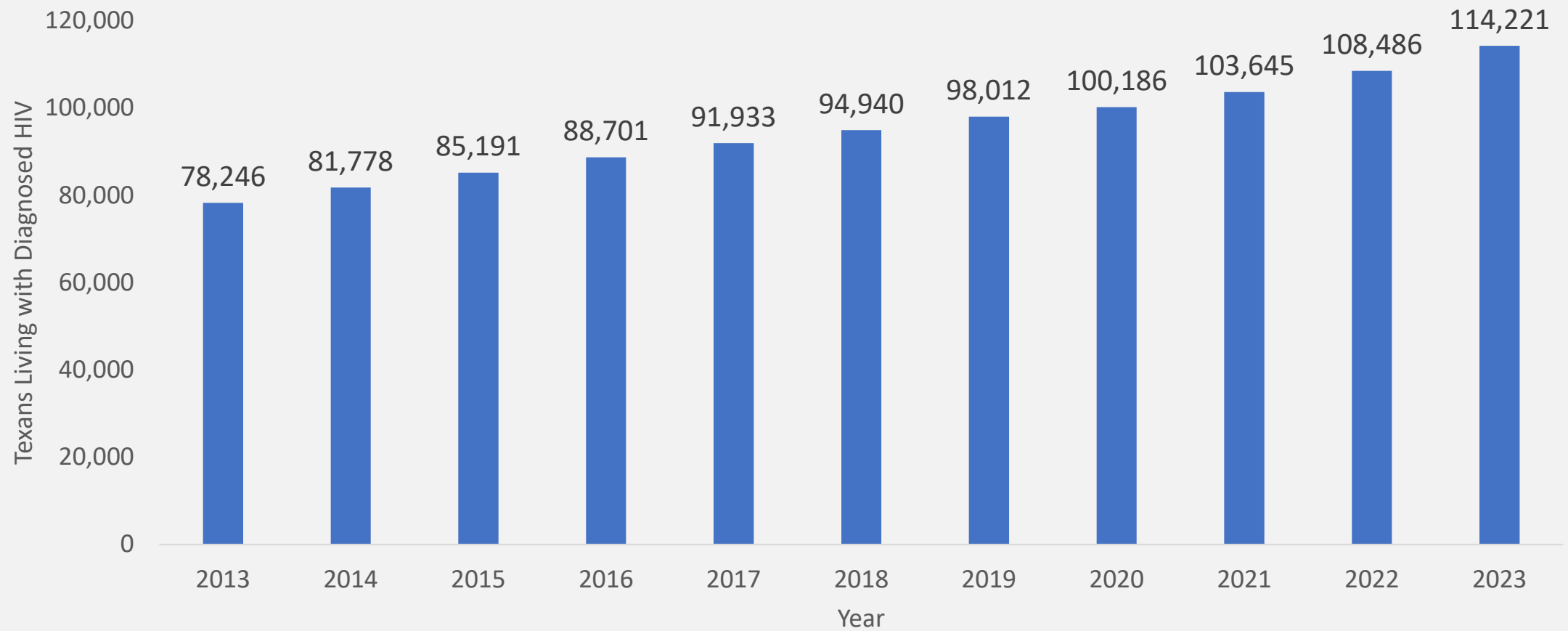
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HIV Prevalence, 2023

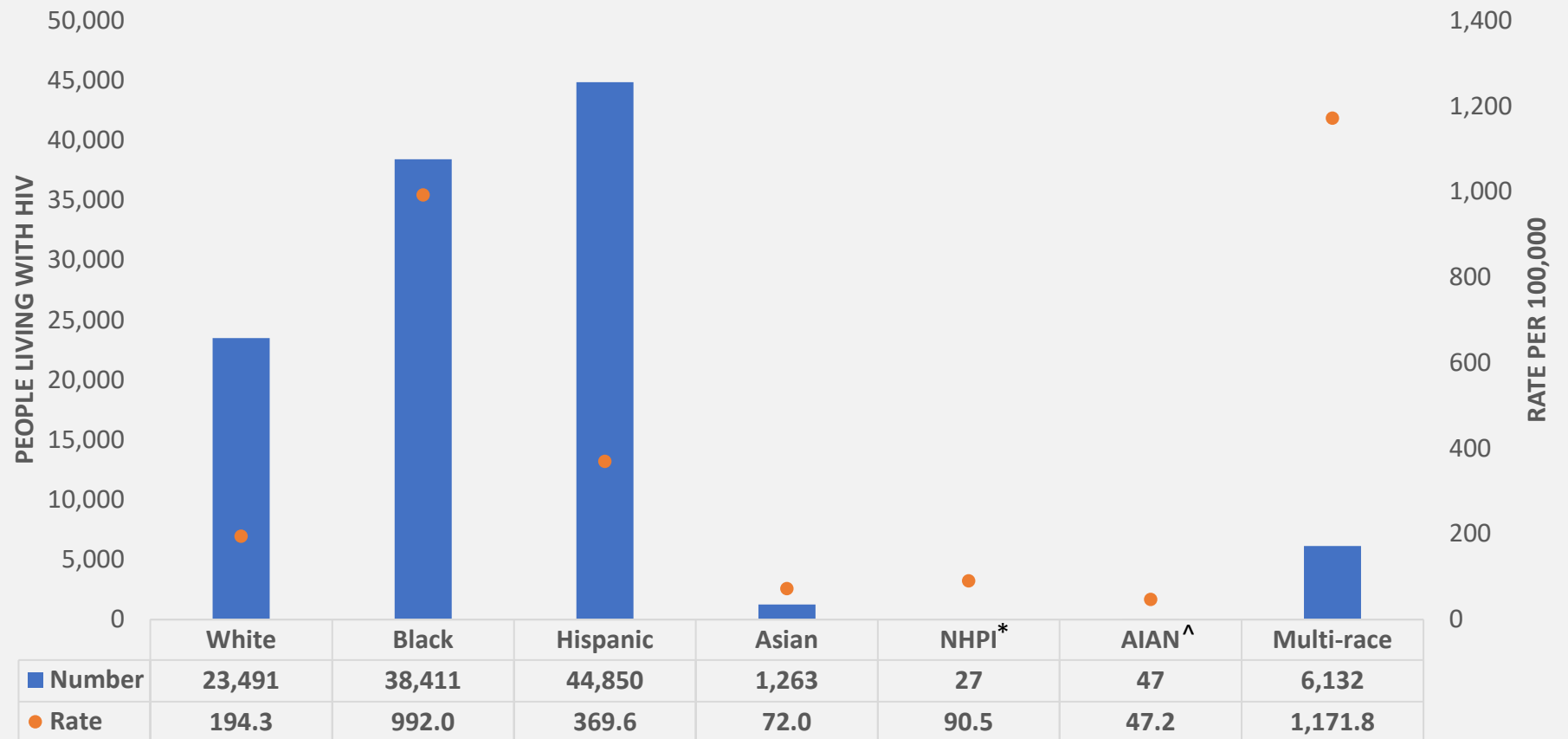
- 114,221 Texans living with HIV at the end of 2023.
 - ▶ 374.5 per 100,000 Texans
 - ▶ 1 in every 267 people in Texas is living with HIV
- Over half (64%) of people living with HIV (PLWH) acquired the virus through male-male sexual contact.
- By 2023, over half of PLWH were 45 years of age or older.
- Between 2014 and 2023, the total number of PLWH increased by 39%, and the proportion of PLWH within priority populations increased by 4.7%.
- Most people living with HIV live in urban areas of Texas. The counties with the largest numbers of PLWH were Harris and Dallas, followed by Bexar, Tarrant, and Travis counties.



Texas Residents Living with Diagnosed HIV/AIDS



Race/Ethnicity of PLWH, 2023



* NHPI- Native Hawaiian/Pacific Islander

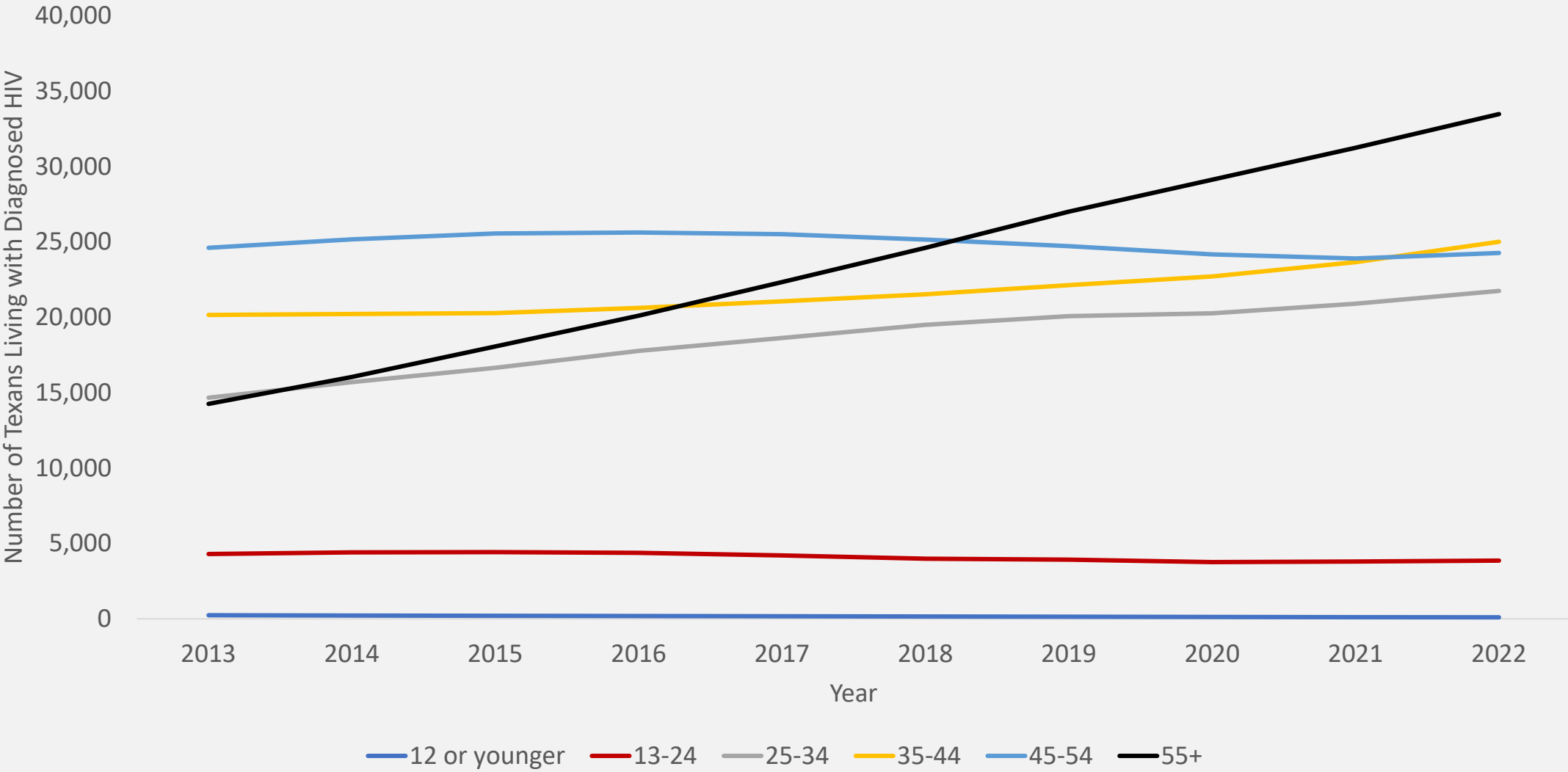
^ AIAN- American Indian/Alaskan Native



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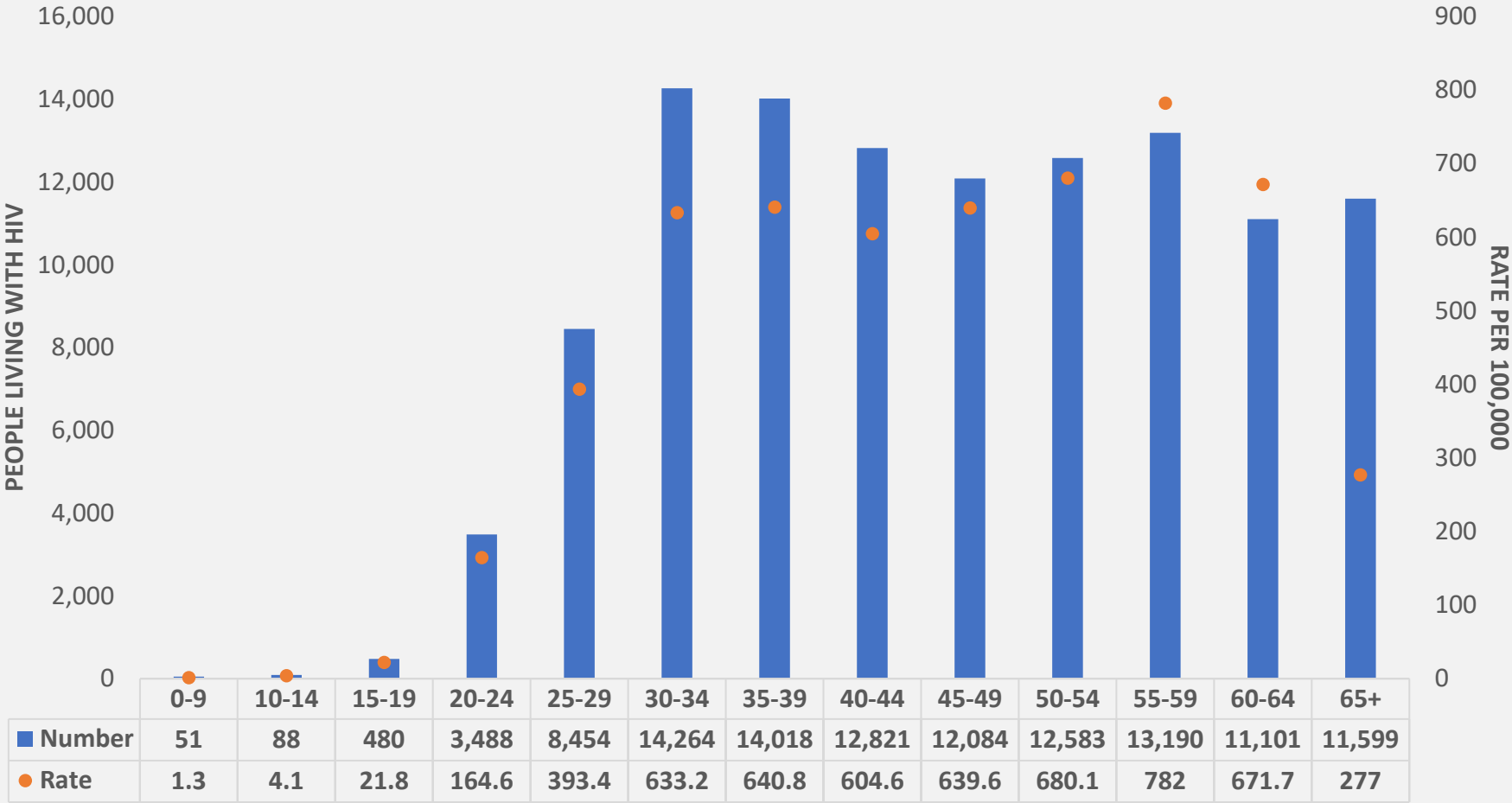
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Trends of Diagnosed PLWH by Age



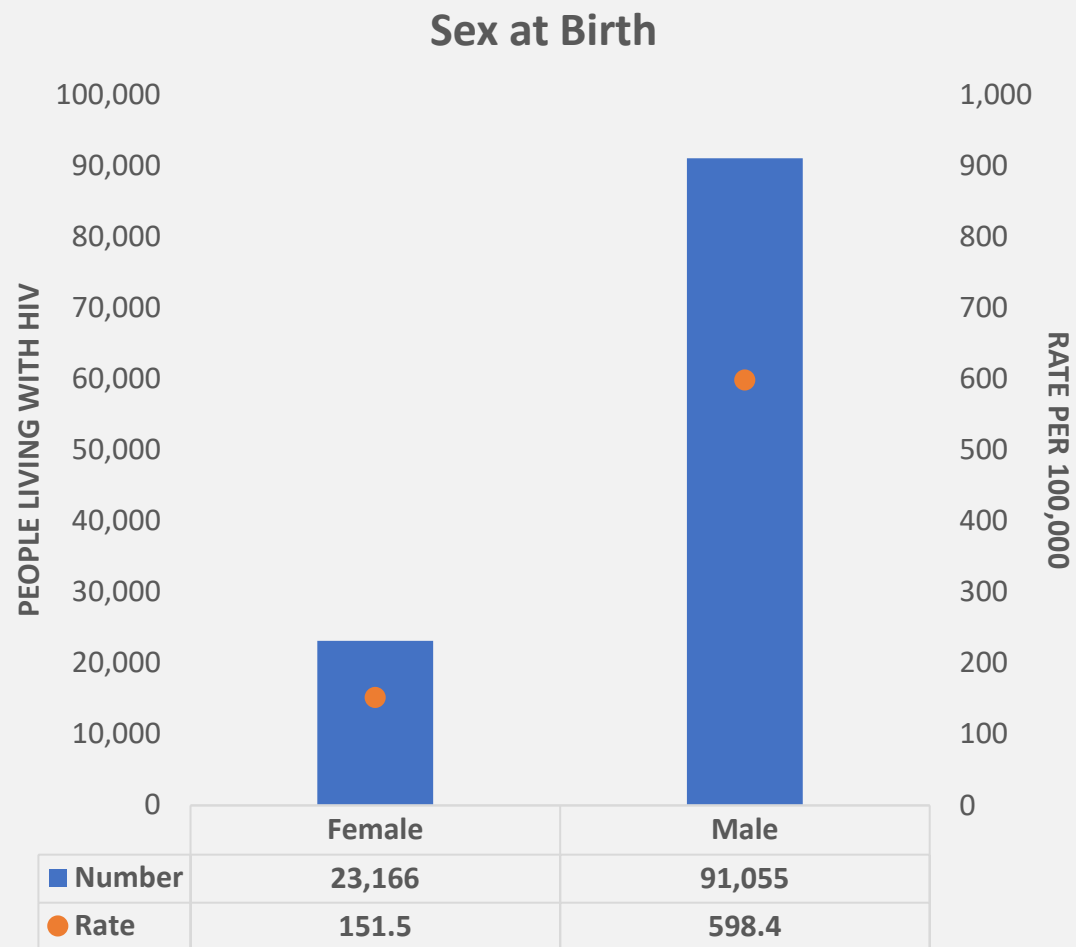
Source: DSHS HIV/STD/HCV Epidemiology and Surveillance Unit 2023 HIV Analysis File

Age Distribution of PLWH, 2023



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Sex at Birth of PLWH, 2023

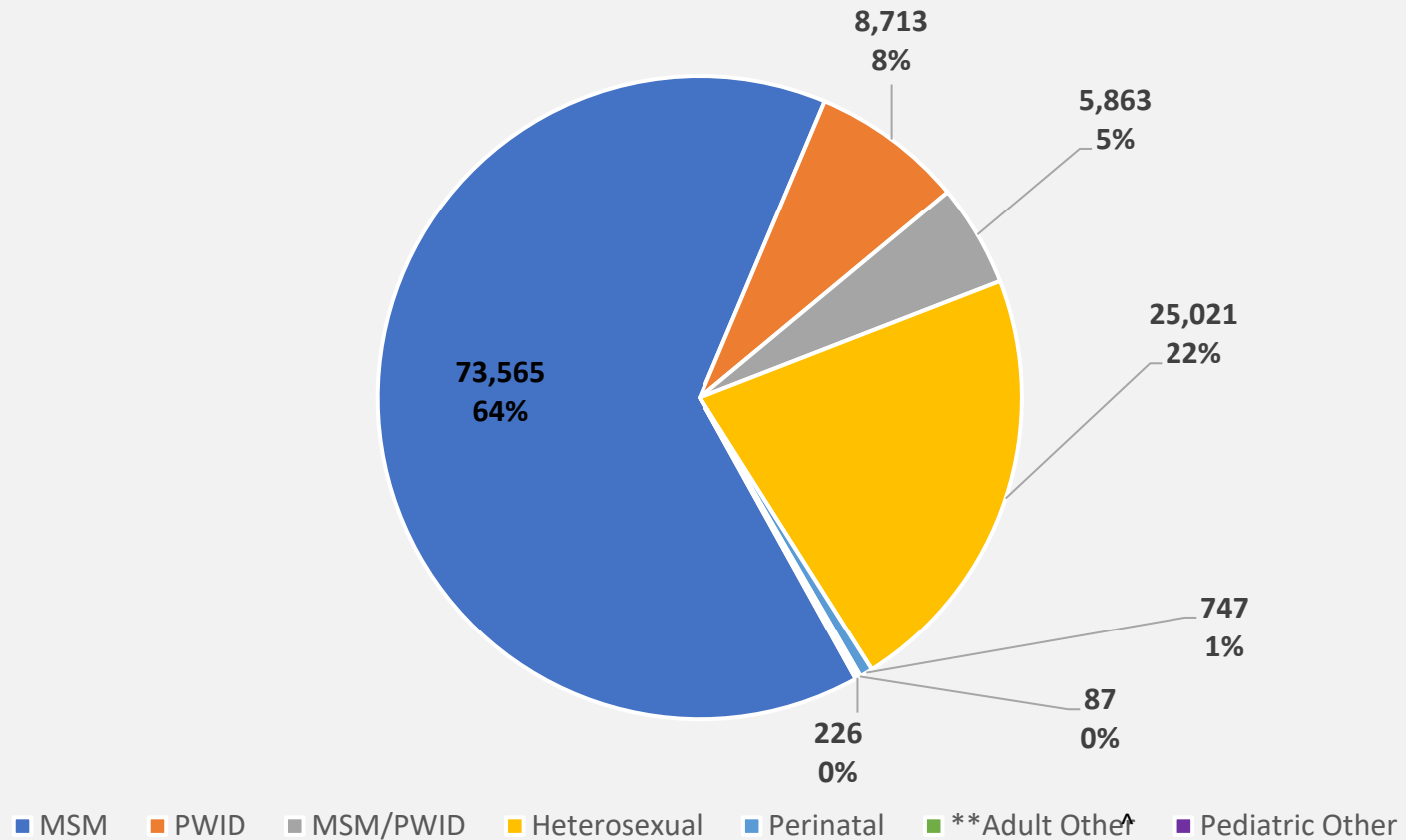


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PLWH by Mode of Transmission*, 2023



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* Mode of transmission is imputed for individual patients when risk information is missing

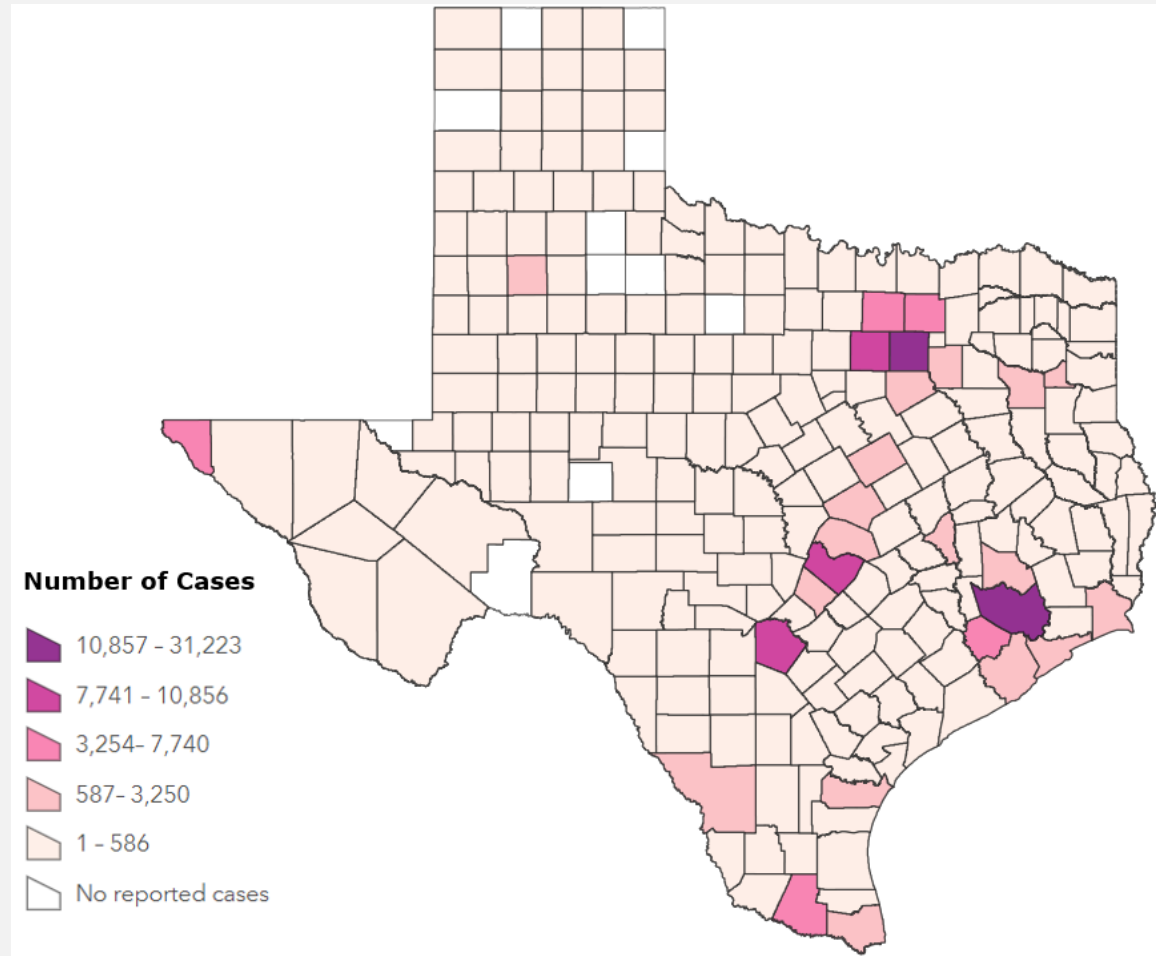
^ Adult Other includes received clotting factor, transfusion/transplant, other and unknown

Geographic Distribution of PLWH for Top 10 HSDAs in Texas, 2023



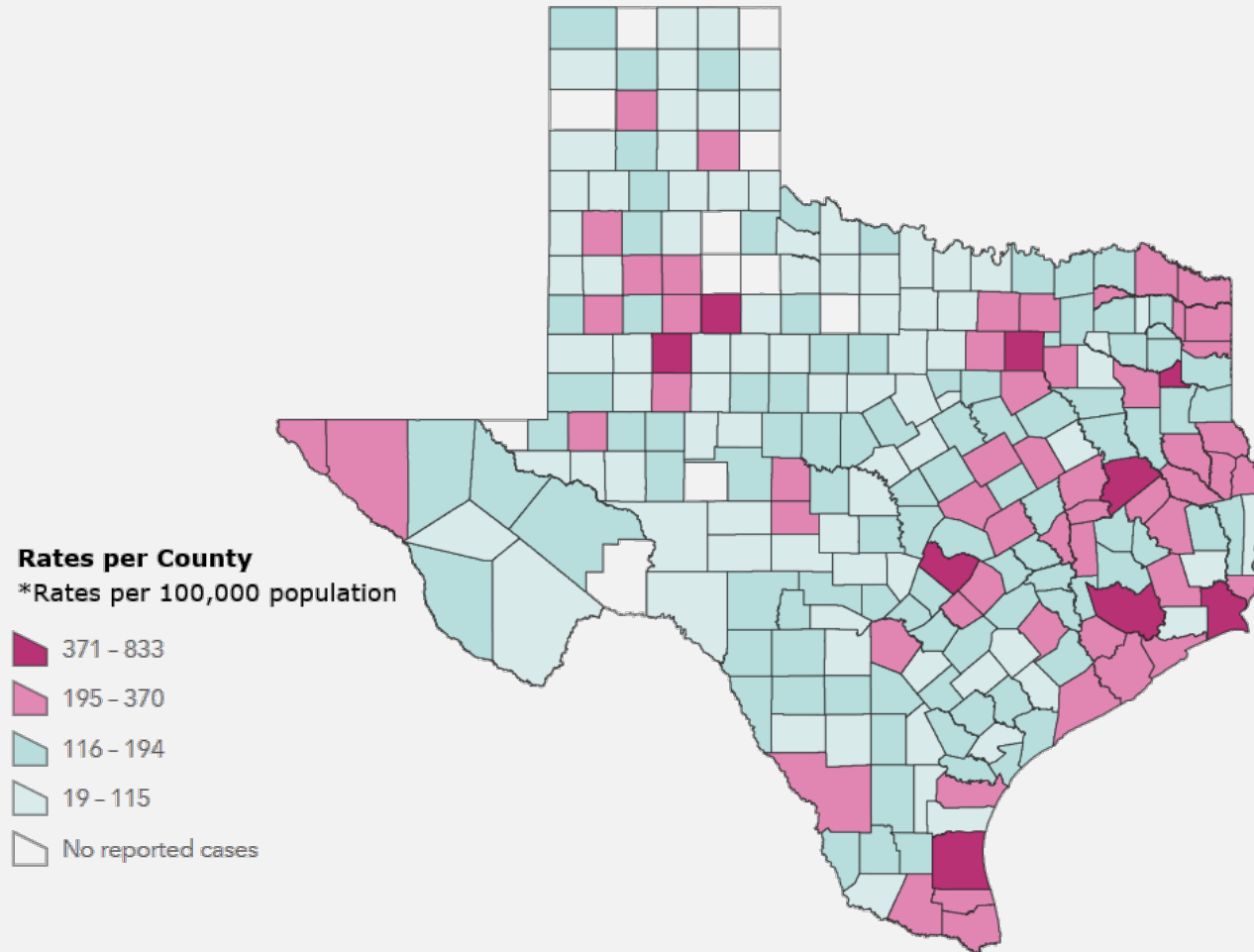
HSDA	PLWH	PLWH %
Houston	33,309	31%
Dallas	27,820	24%
San Antonio	8,698	8%
Austin	8,086	7%
Fort Worth	8,072	7%
Brownsville	2,948	3%
El Paso	2,776	2%
Galveston	2,256	2%
Tyler	2,047	2%
Beaumont	1,391	1%

Number of People Living With HIV (PLWH) by Texas County, 2023



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HIV Prevalence Rate by Texas County per 100,000, 2023



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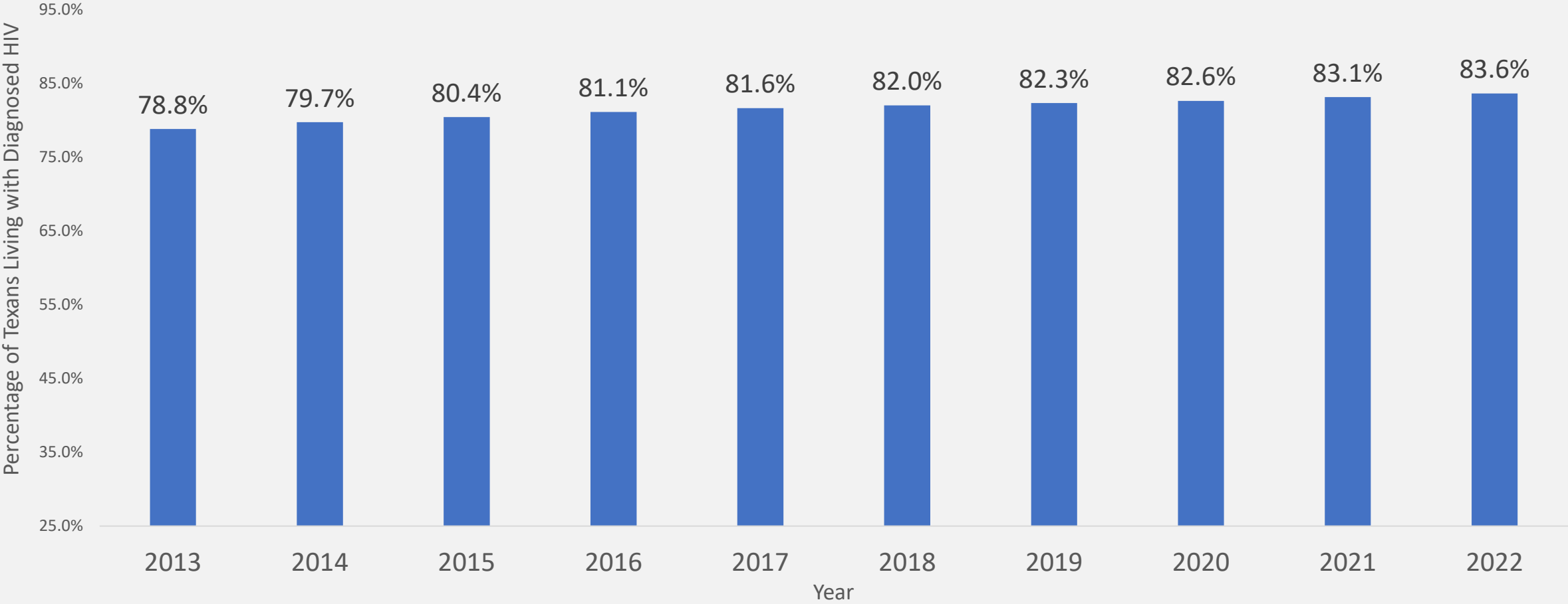
Proportion of PLWH Who Have Been Diagnosed



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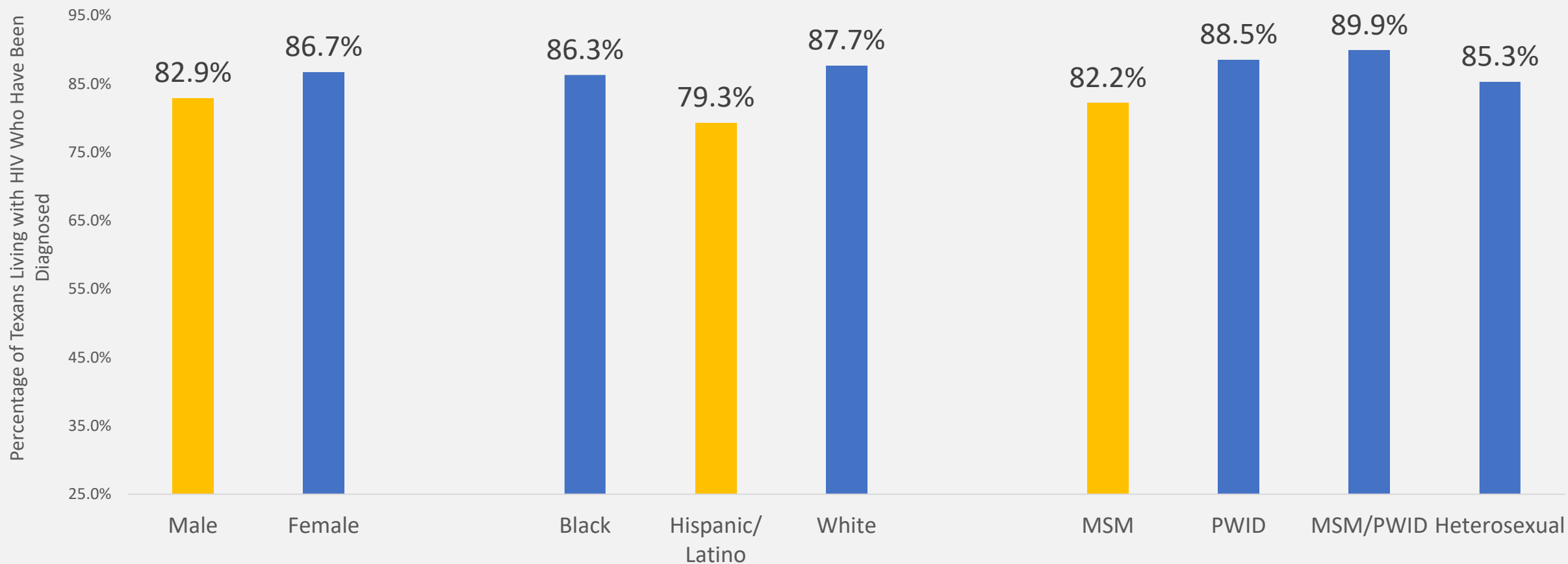
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Estimated Proportion of Texans with Diagnosed HIV



Source: CDC CD4 Depletion Model Version 6.0 Output ,
November 2024

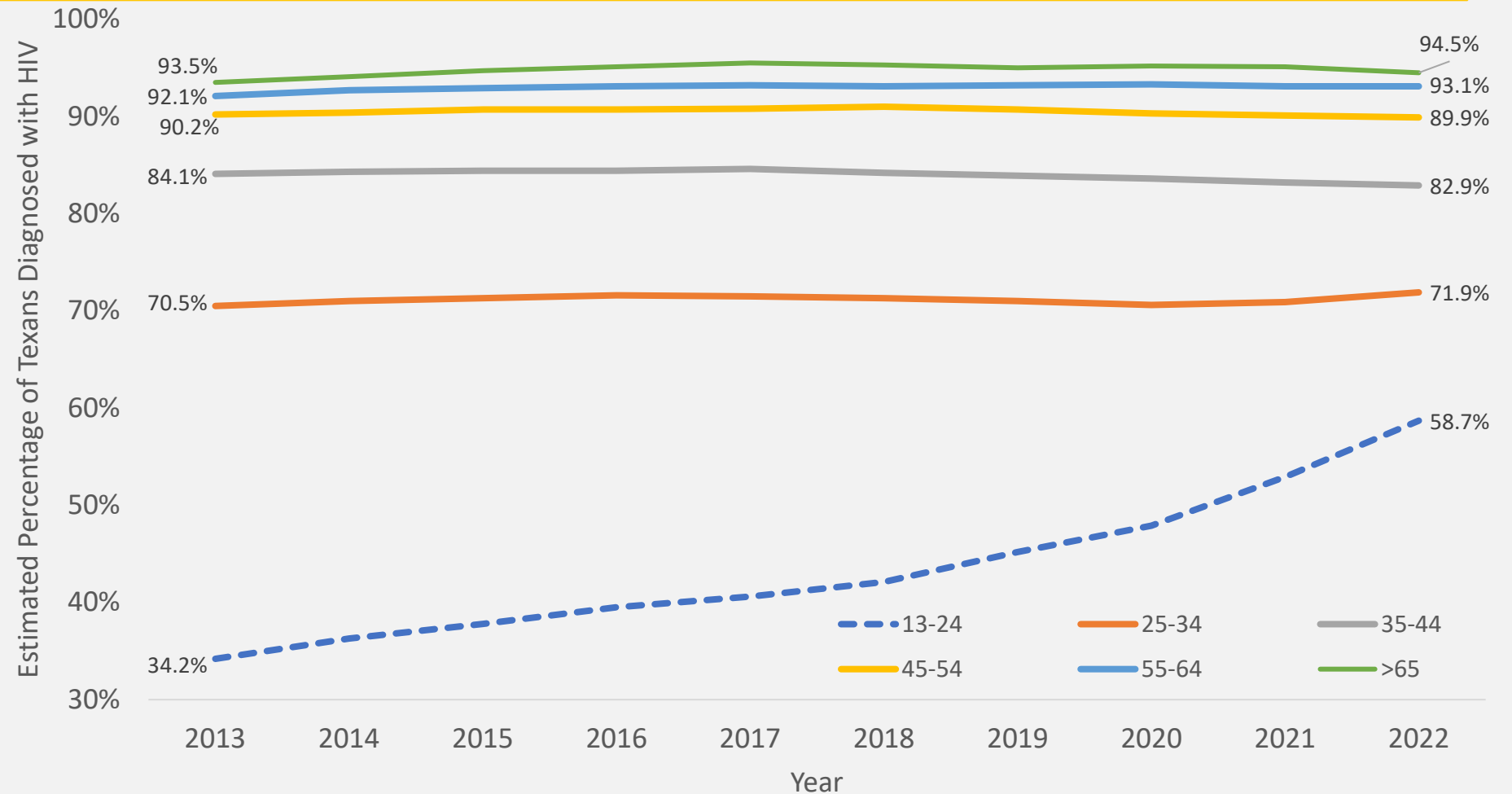
Estimated Proportion of Texans Diagnosed with HIV by Group, 2022



Source: CDC CD4 Depletion Model Version 6.0 Output ,
November 2024

Statewide Diagnosed Estimate = 83.6%

Estimated Proportion of Texans with Diagnosed HIV by Age Group, 2013-2022



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Source: CDC CD4 Depletion Model Version 6.0 Output ,
November 2024

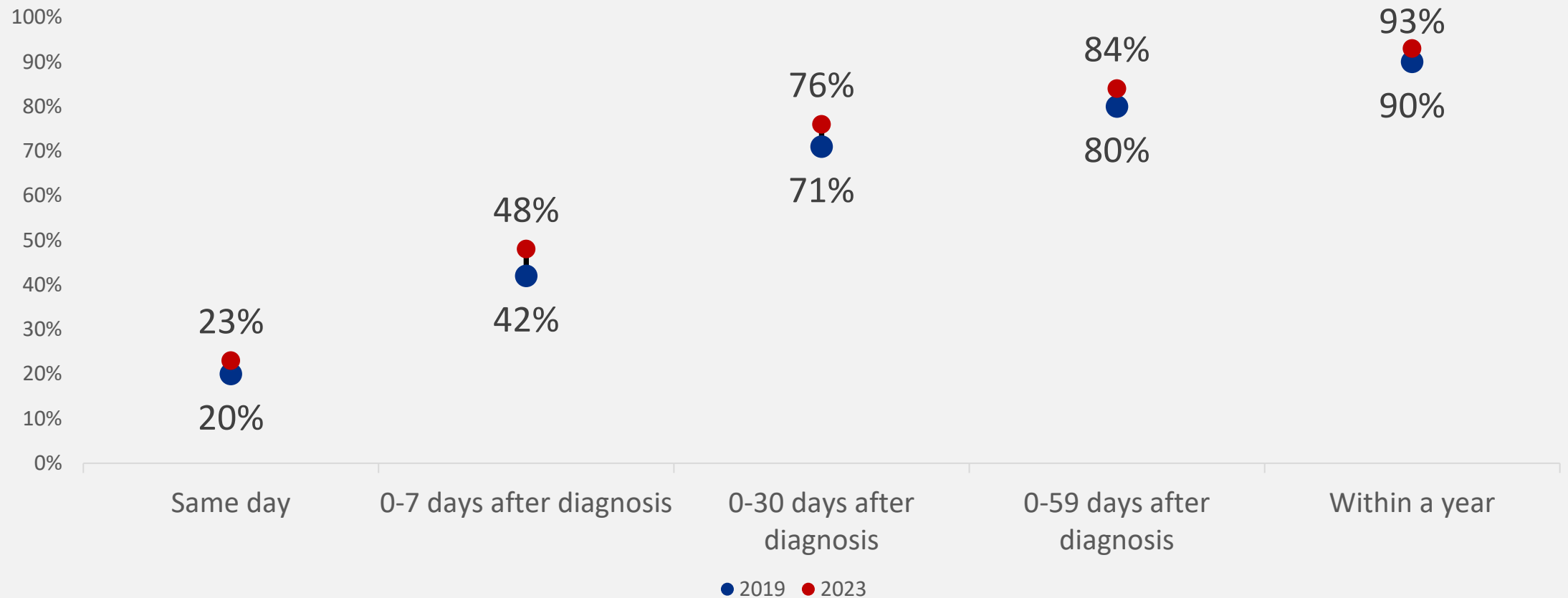
Linkage to Care



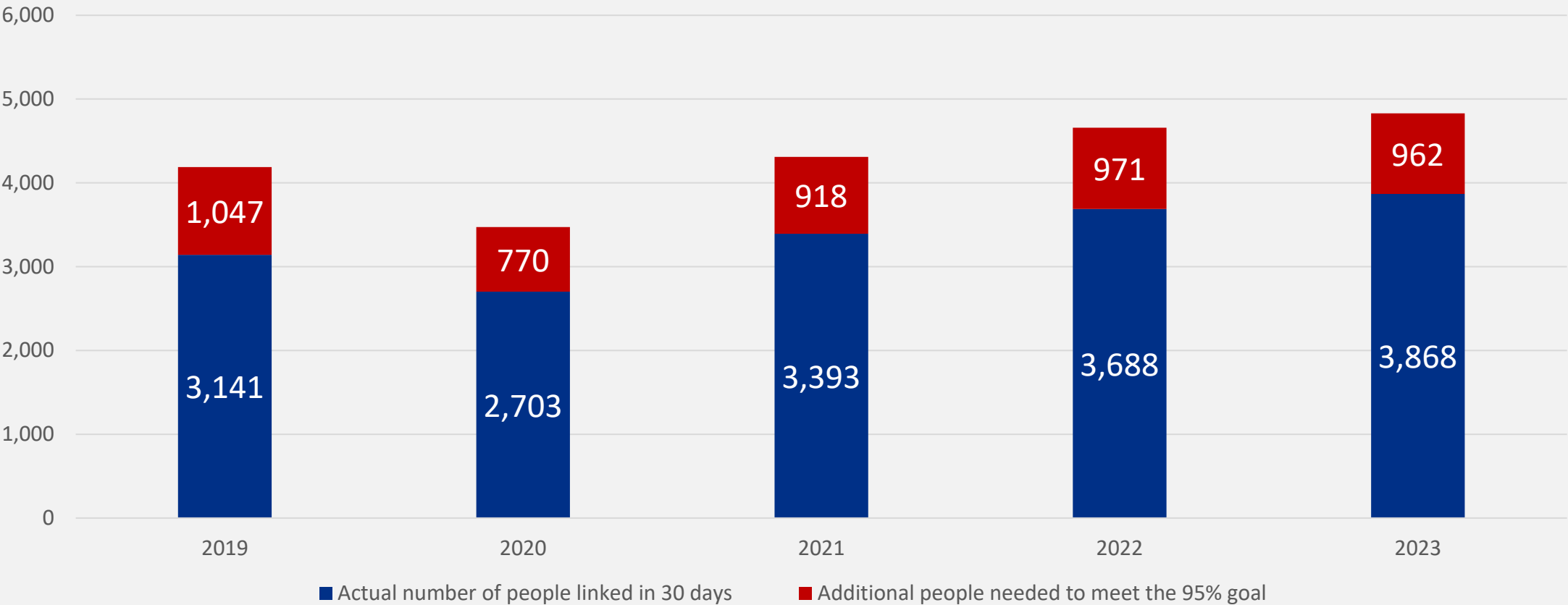
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Trends in Linkage Over Time for Texas, 2019 & 2023



Linkage to Care in 30 Days Goal, 2019-2023



Retention in Care



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Texas Treatment Continuum

Unmet Need Steps

- People with *diagnosed HIV*
- People *in care* – people living with diagnosed HIV who had evidence of HIV-related treatment episodes during the year of interest
 - At least one outpatient visit
 - At least one CD4 or VL test
 - At least one filled prescription for an ART drug
- People *on ART* – people living with diagnosed HIV who had evidence of retention in care or had a suppressed viral load as of the end of the year of interest
- People *retained in care* – retention in care means at least 2 episodes of HIV-related care at least 3 months apart
- People with a *suppressed viral load* – a value of <200 for the last test in the year of interest



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Texas Treatment Continuum

Sources of Information

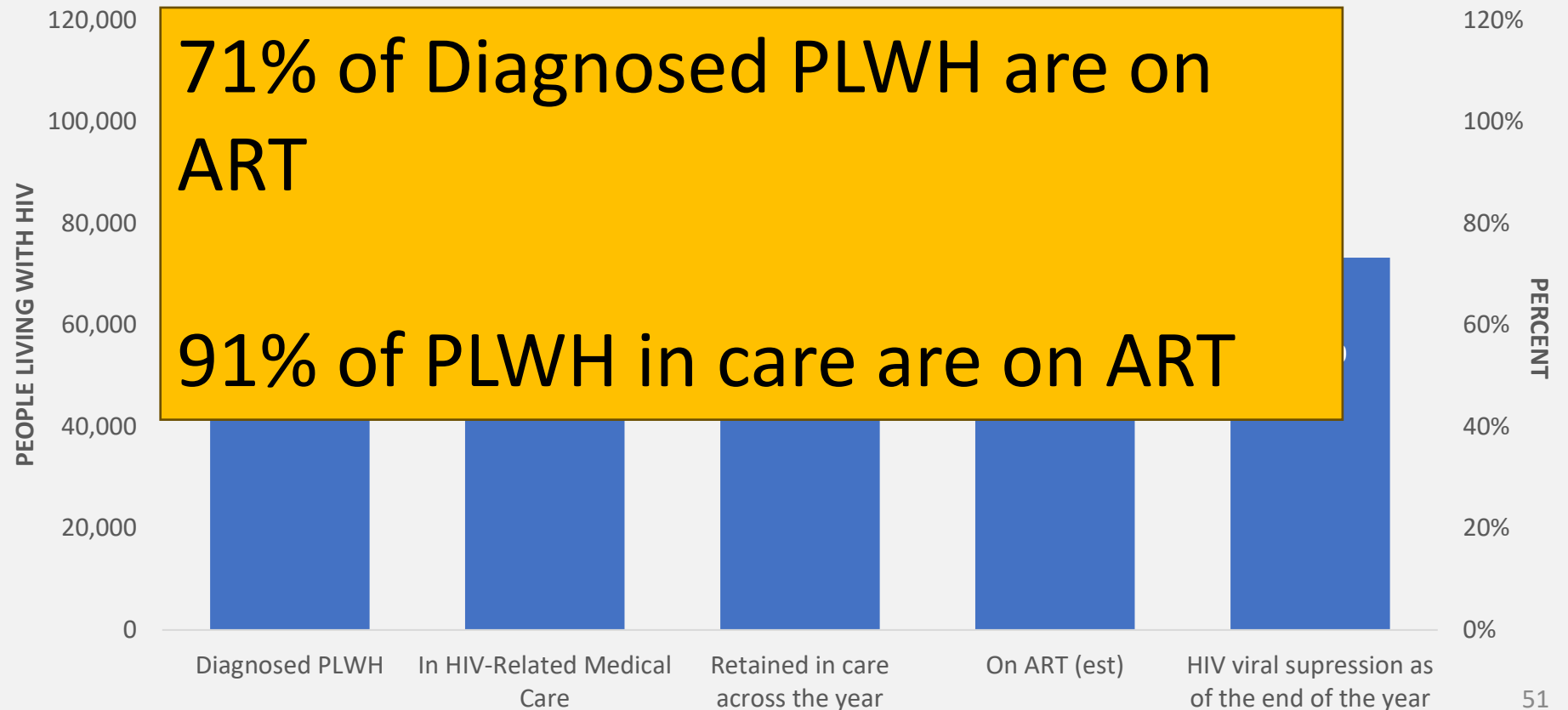
Step	Information Source
People with diagnosed HIV	Routine HIV disease surveillance
People in HIV care People on ART (proxy) People retained in HIV care	HIV disease surveillance, RWHAP data (including THMP), Medicaid, and selected private insurance carriers
People with suppressed viral load	Routine HIV disease surveillance



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Texas HIV Treatment Cascade, 2023

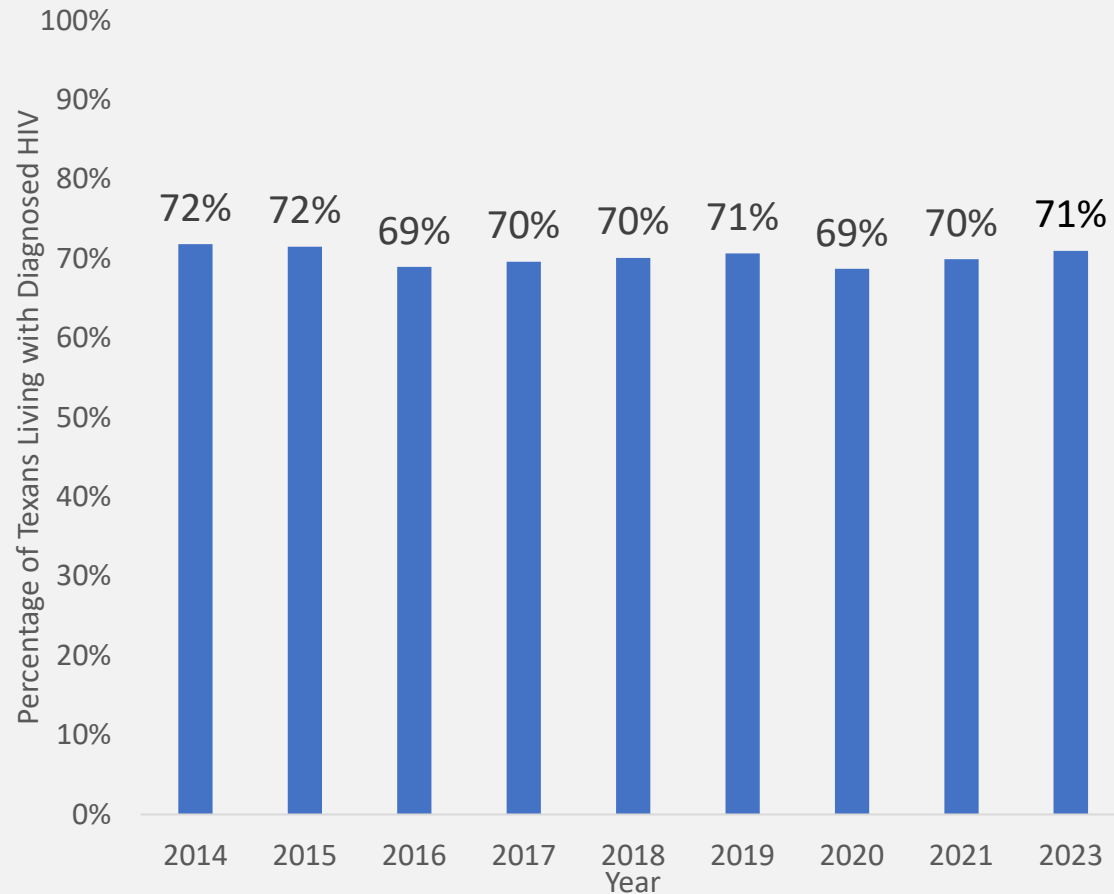
Strategic goals: 90% of Dx PLWH on treatment *and*
90% of PLWH on ART achieving suppressed viral load



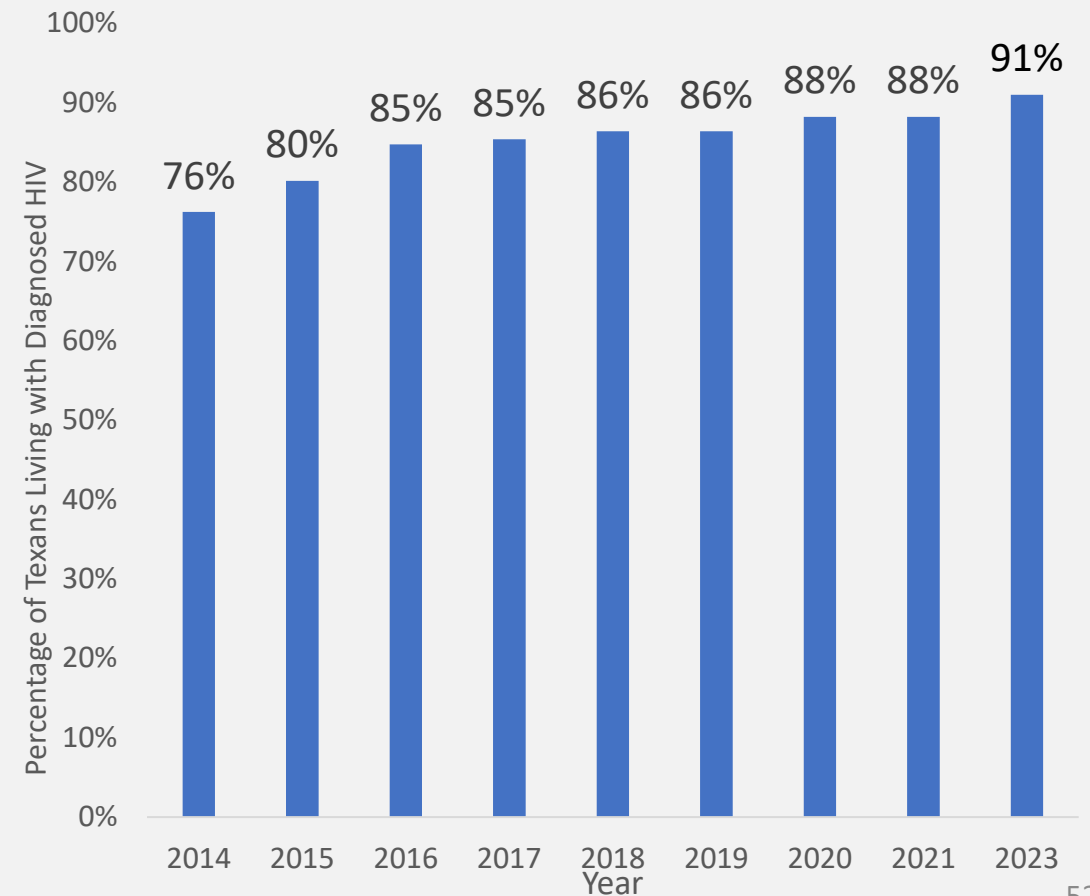
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ART and Viral Suppression 2014-2023

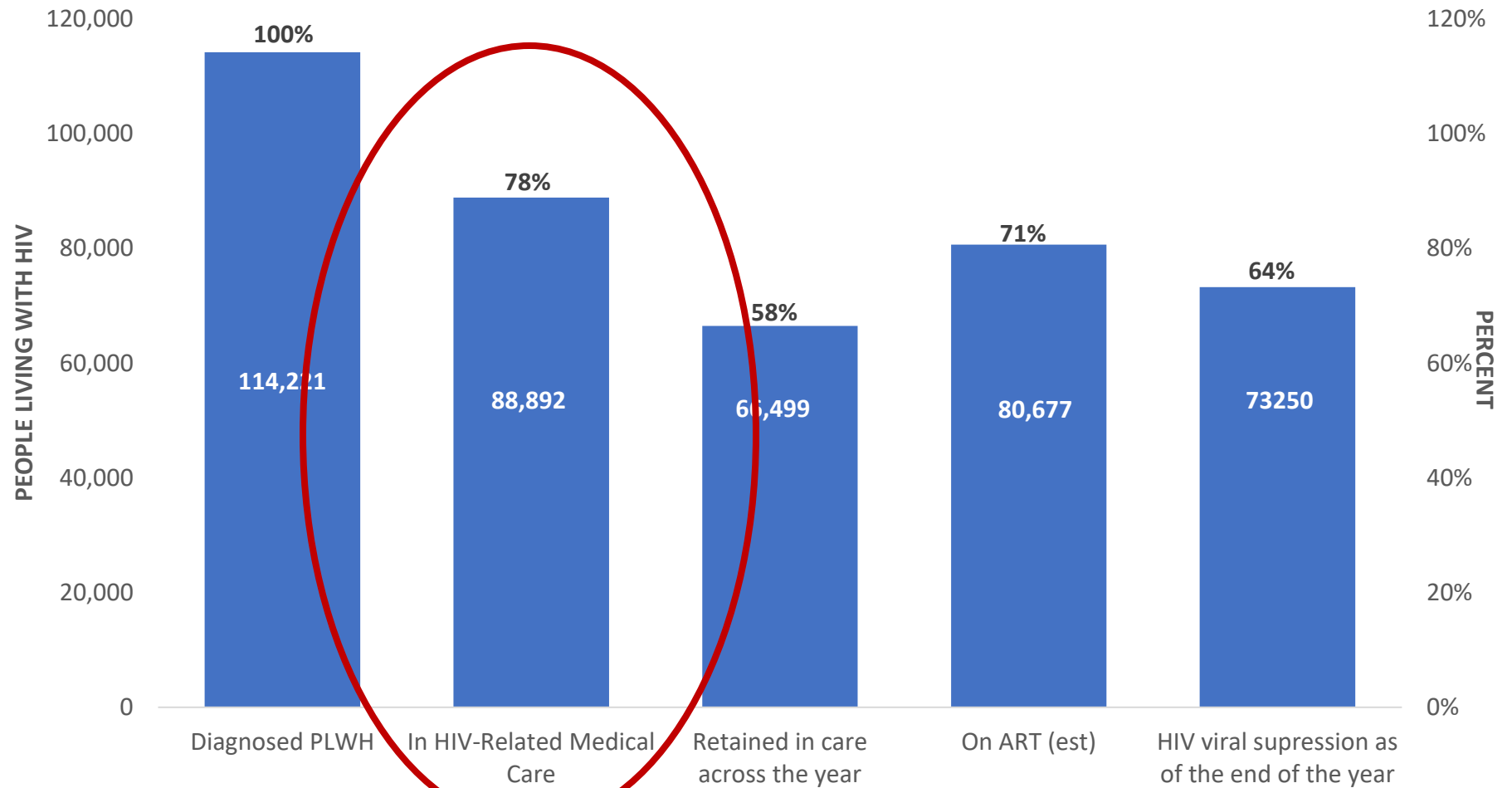
Proportion of Dx PLWH on ART



Proportion of Dx PLWH on ART with Suppressed Viral Load



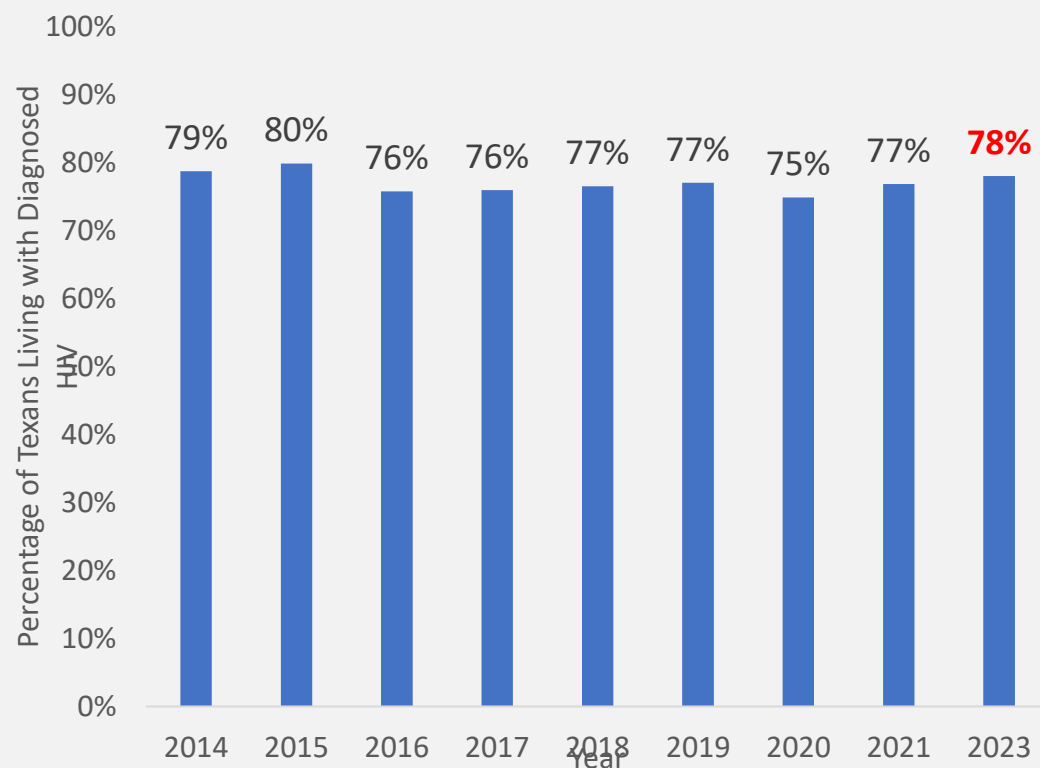
Focus on Engagement in HIV Care



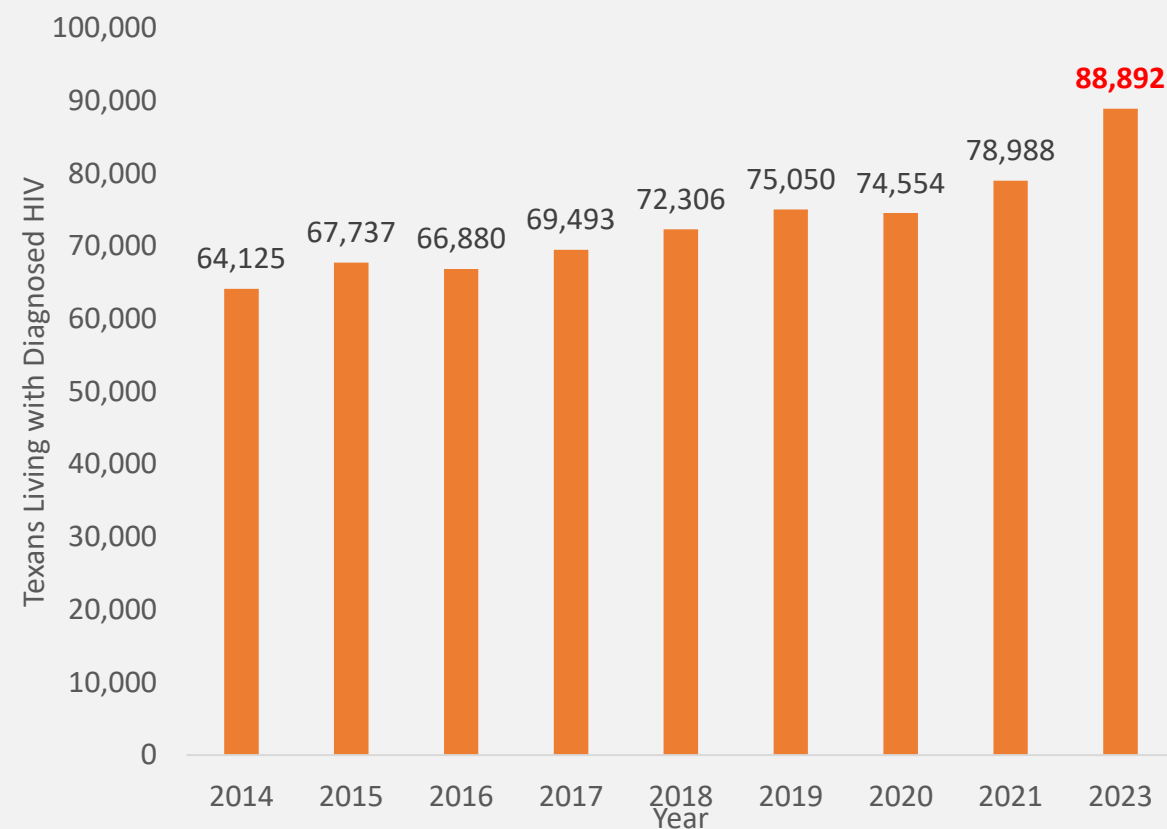
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Engagement in Care, 2014-2023

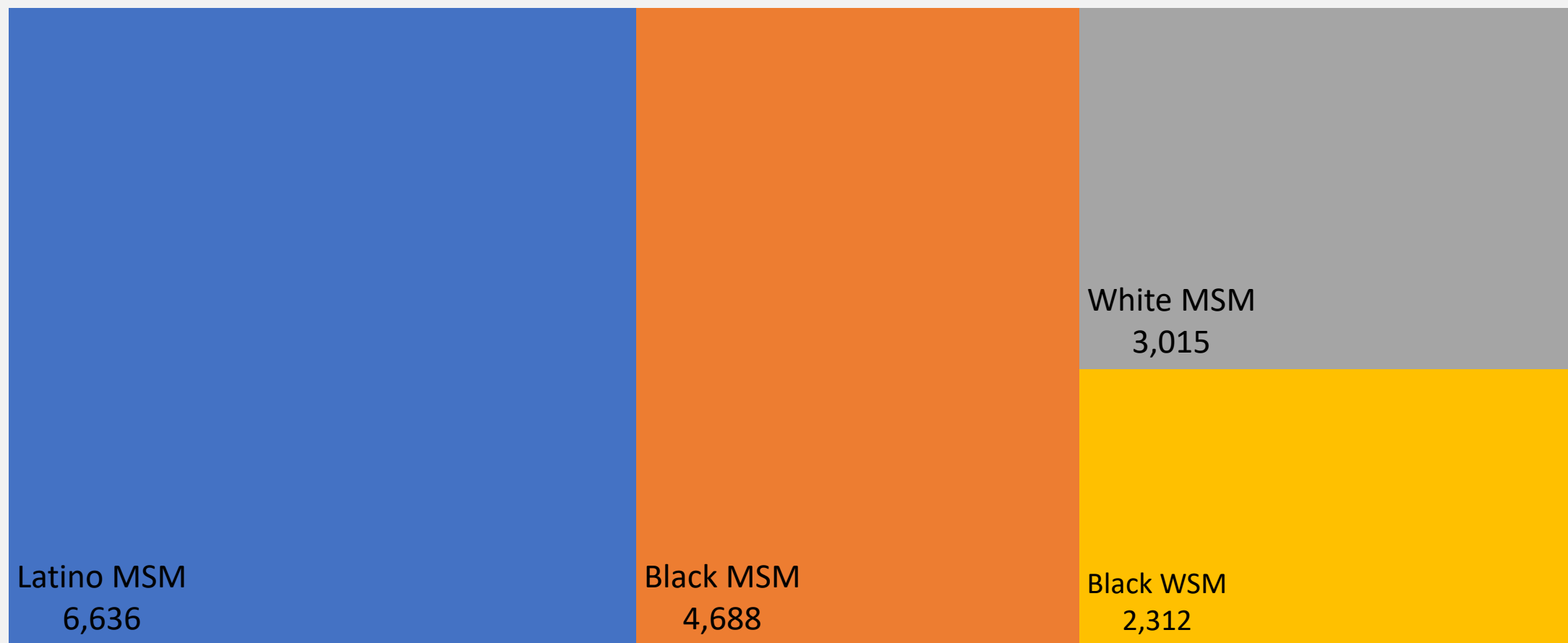
Proportion of Dx PLWH with Any Care



Number of Dx PLWH with Any Care



Out of Care by Priority Population, 2023



Viral Suppression



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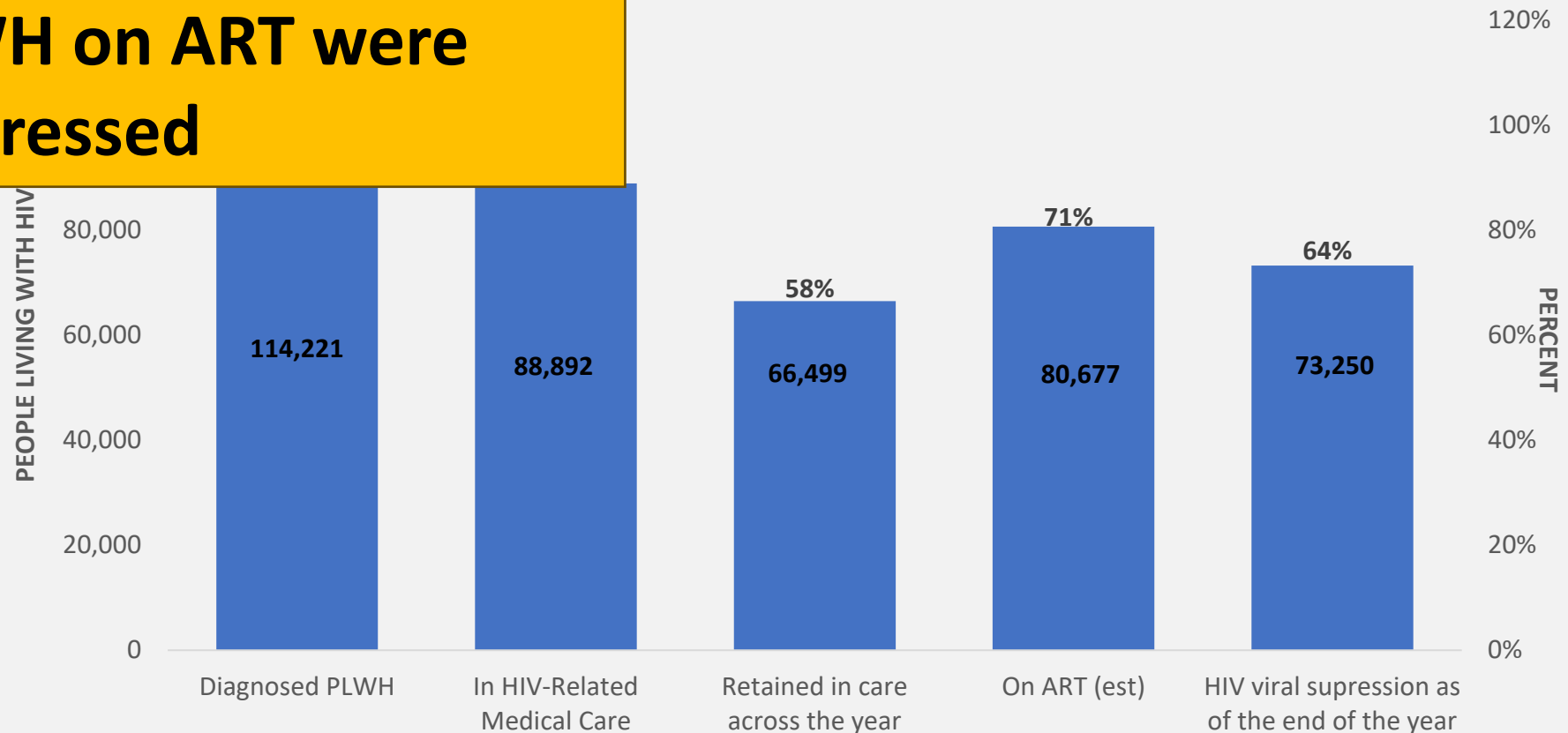
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Texas HIV Treatment Cascade, 2023

64% of Diagnosed PLWH

91% of PLWH on ART were virally suppressed

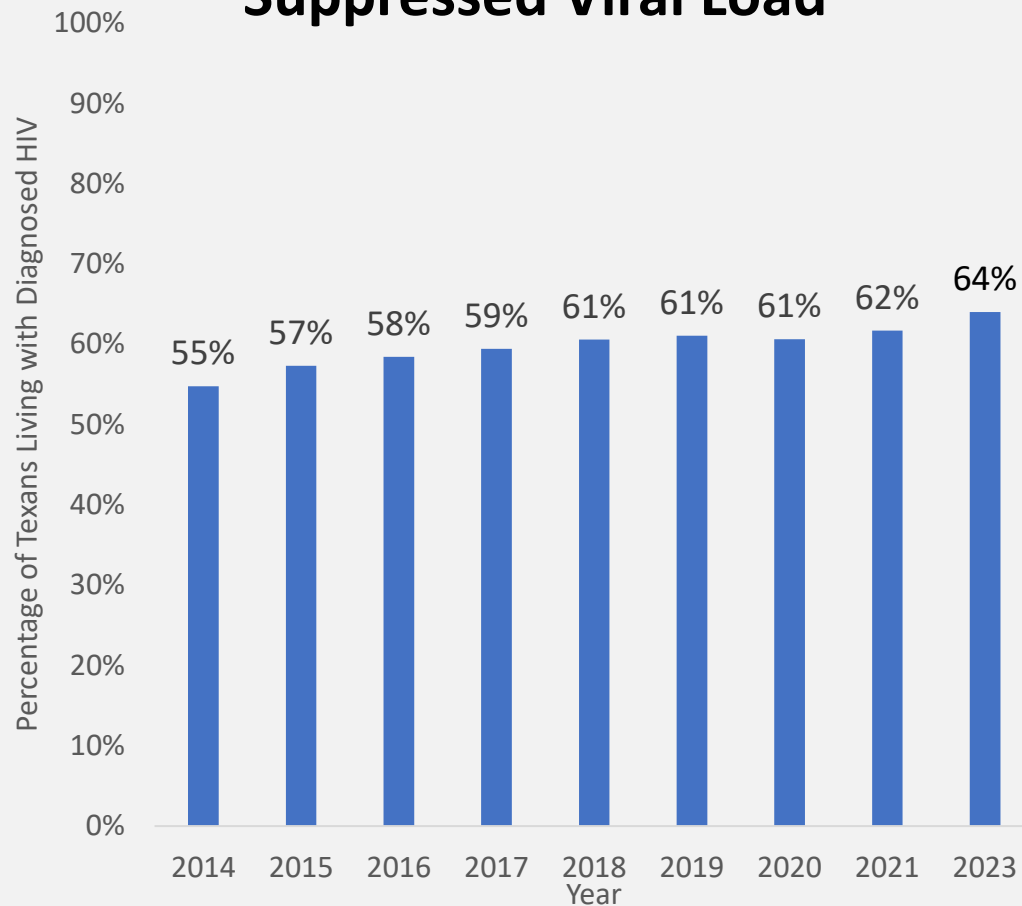
on treatment *and*
on ART achieving suppressed viral load



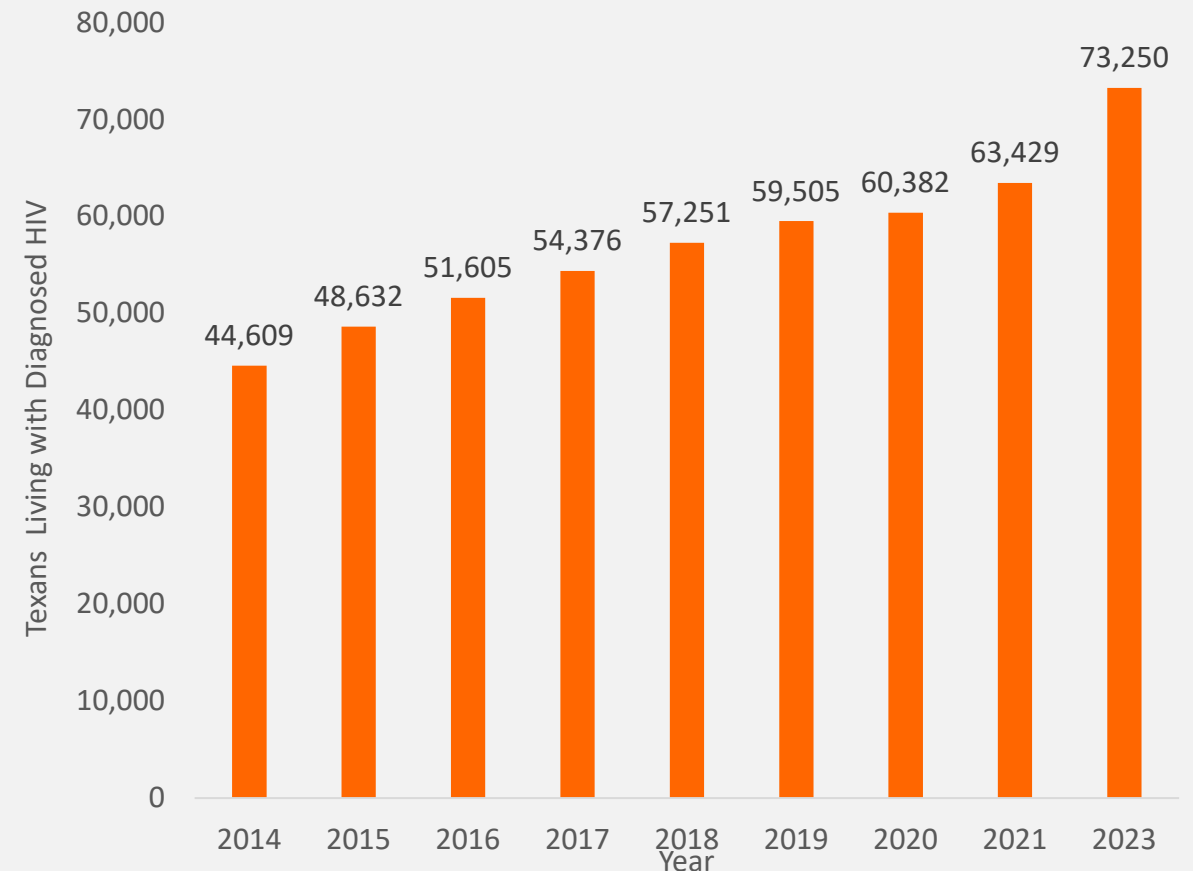
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Viral Suppression, 2014-2023

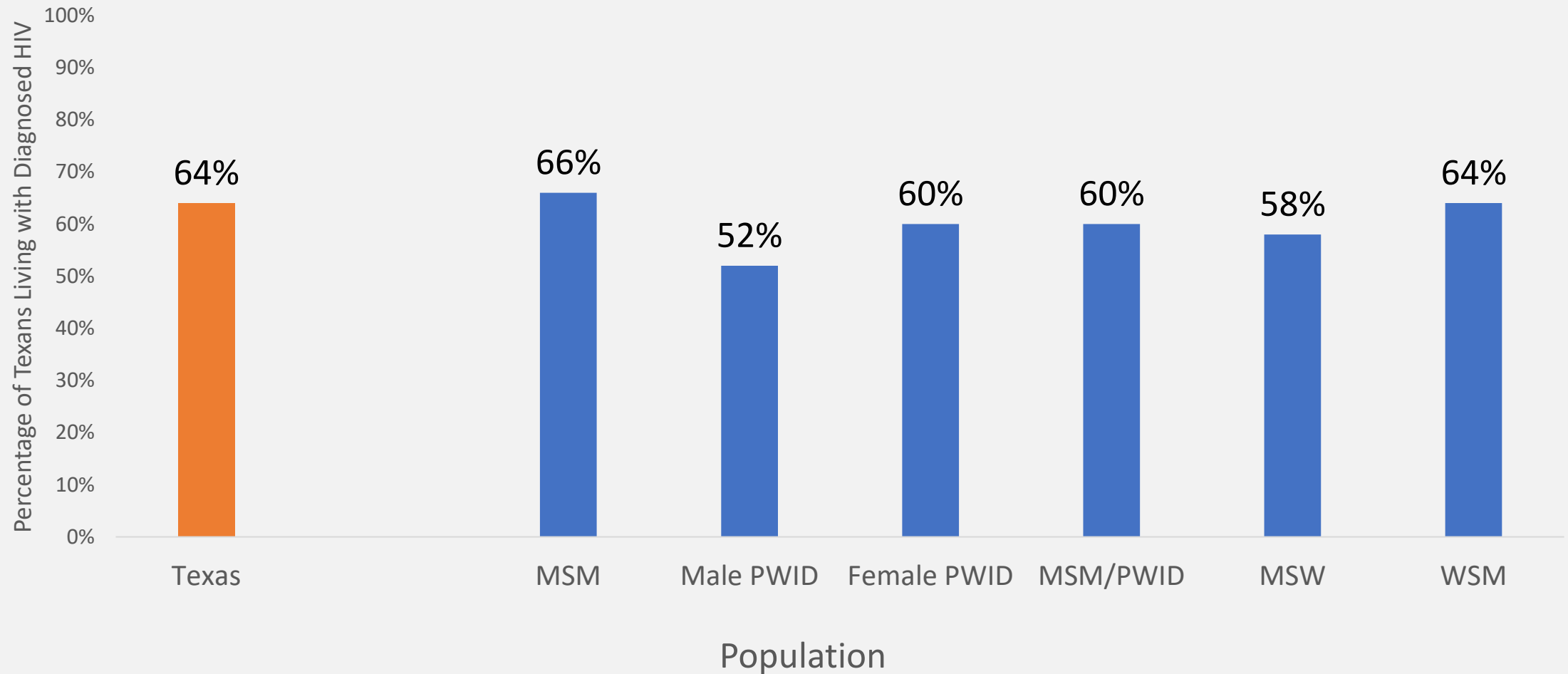
Proportion of Dx PLWH with Suppressed Viral Load



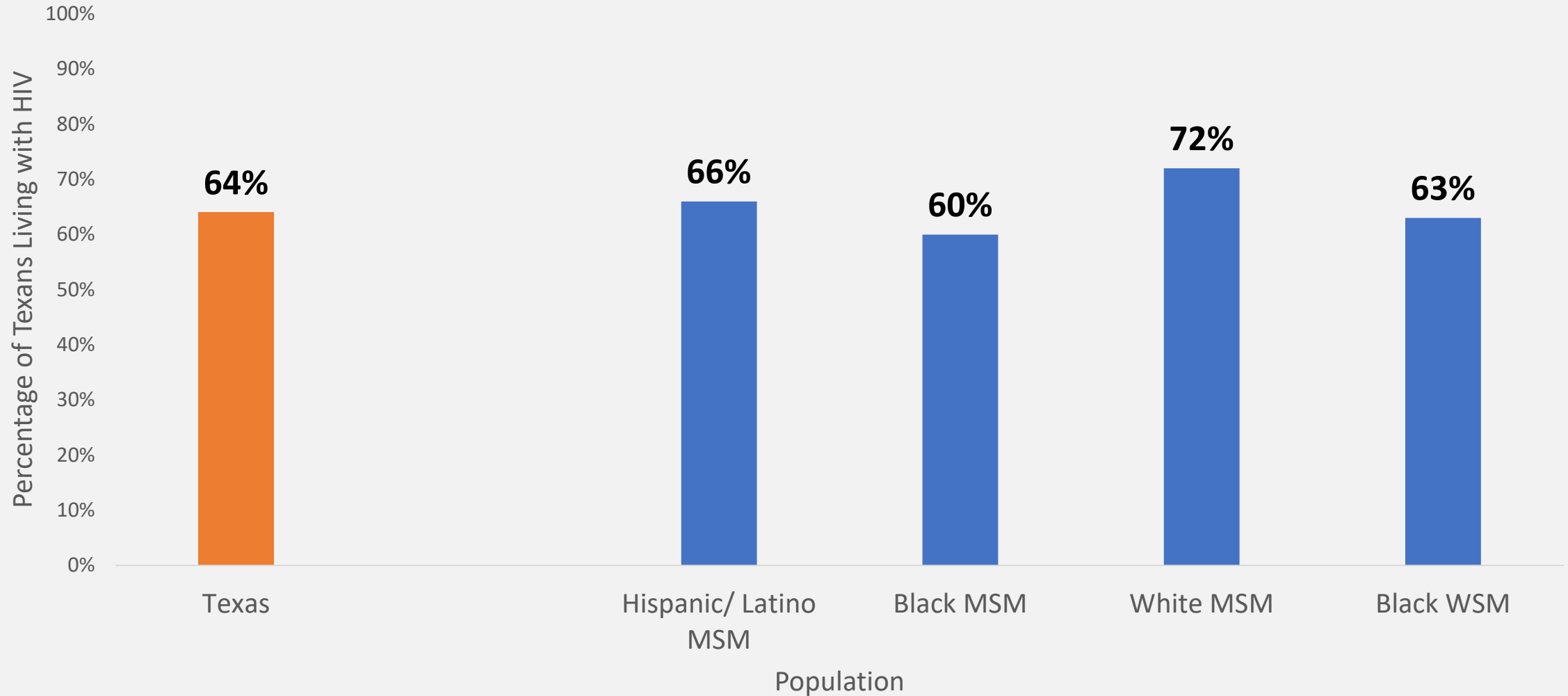
Number of Dx PLWH with Suppressed Viral Load



Viral Suppression of Texans with Diagnosed HIV, 2023

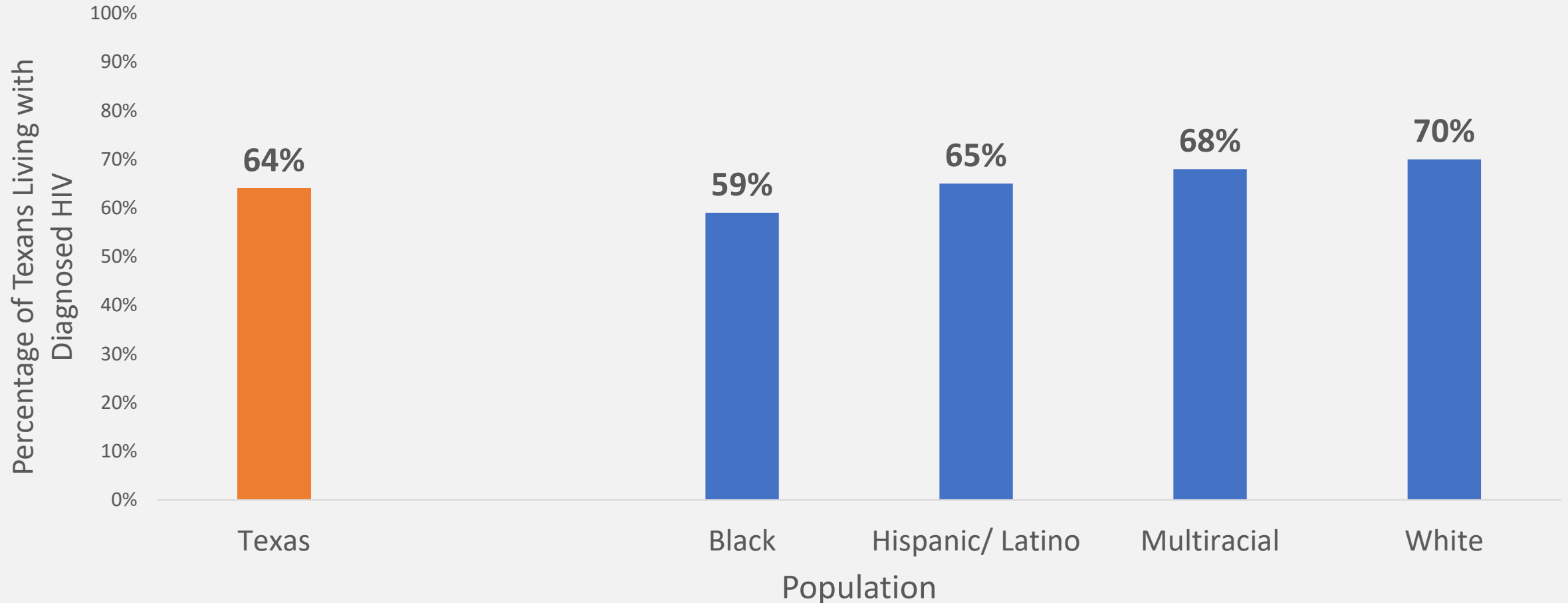


Viral Suppression of Texans with Diagnosed HIV, 2023

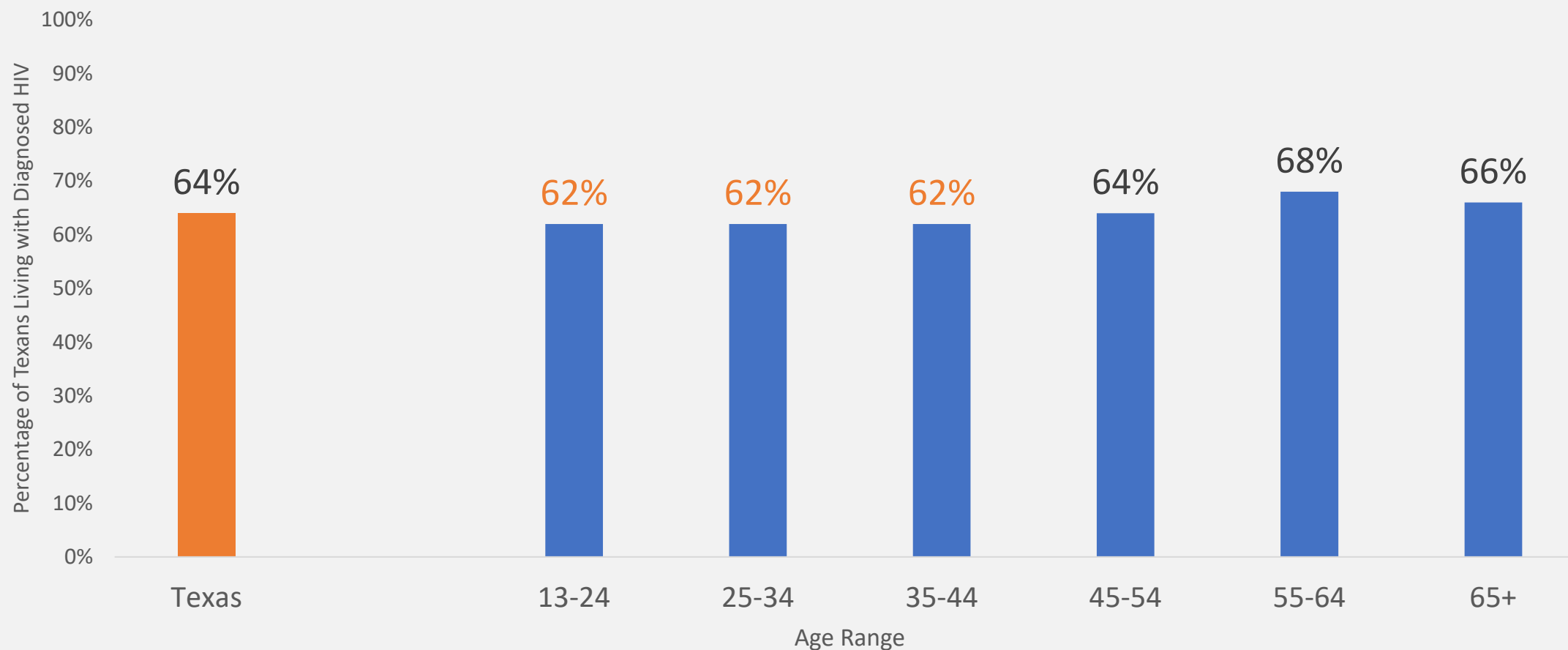


*Warning – small groups can have volatile changes from year to year

Viral Suppression of Texans with Diagnosed HIV, 2023



Viral Suppression of Texans dx'd with HIV by Age Group, 2023



PLWH In Care Who Are Not Virally Suppressed

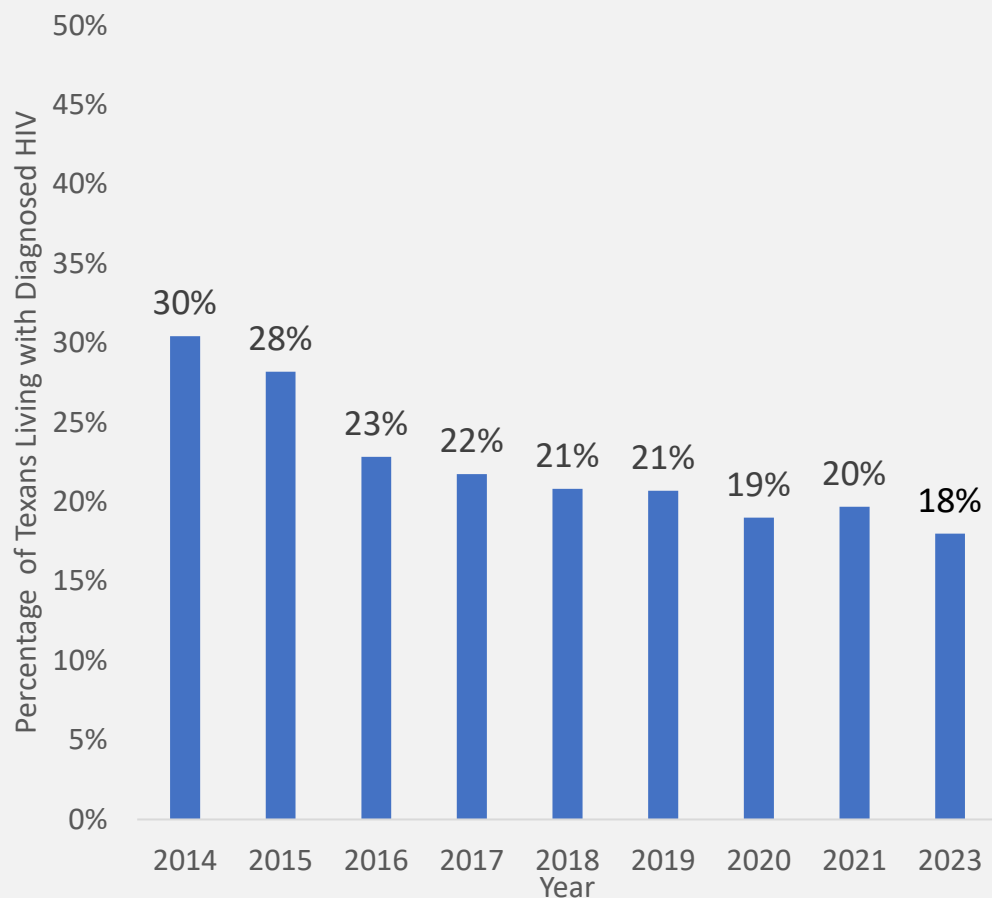


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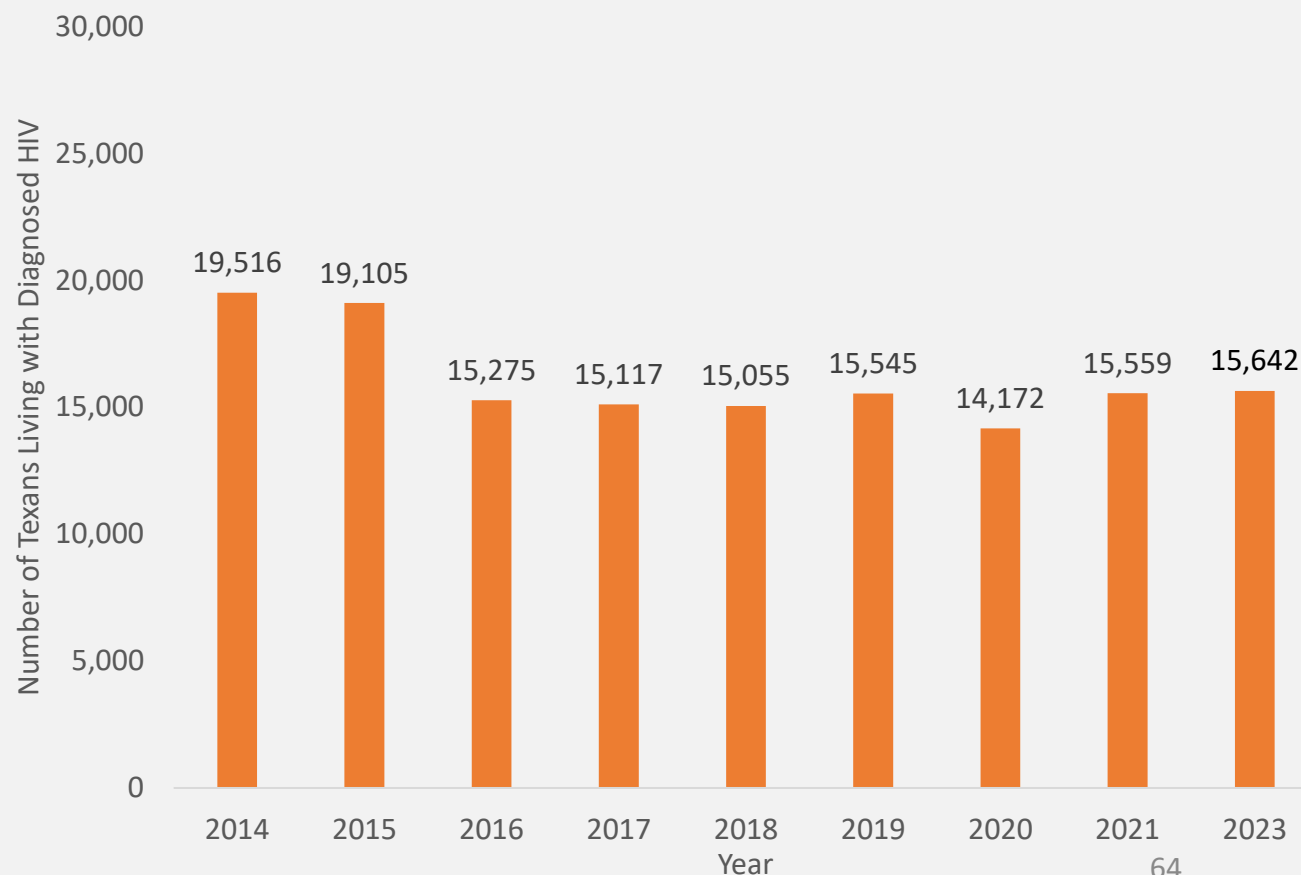
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PLWH Not Virally Suppressed, 2014–2023

Proportion of Dx PLWH in HIV Care with an Unsuppressed Viral Load

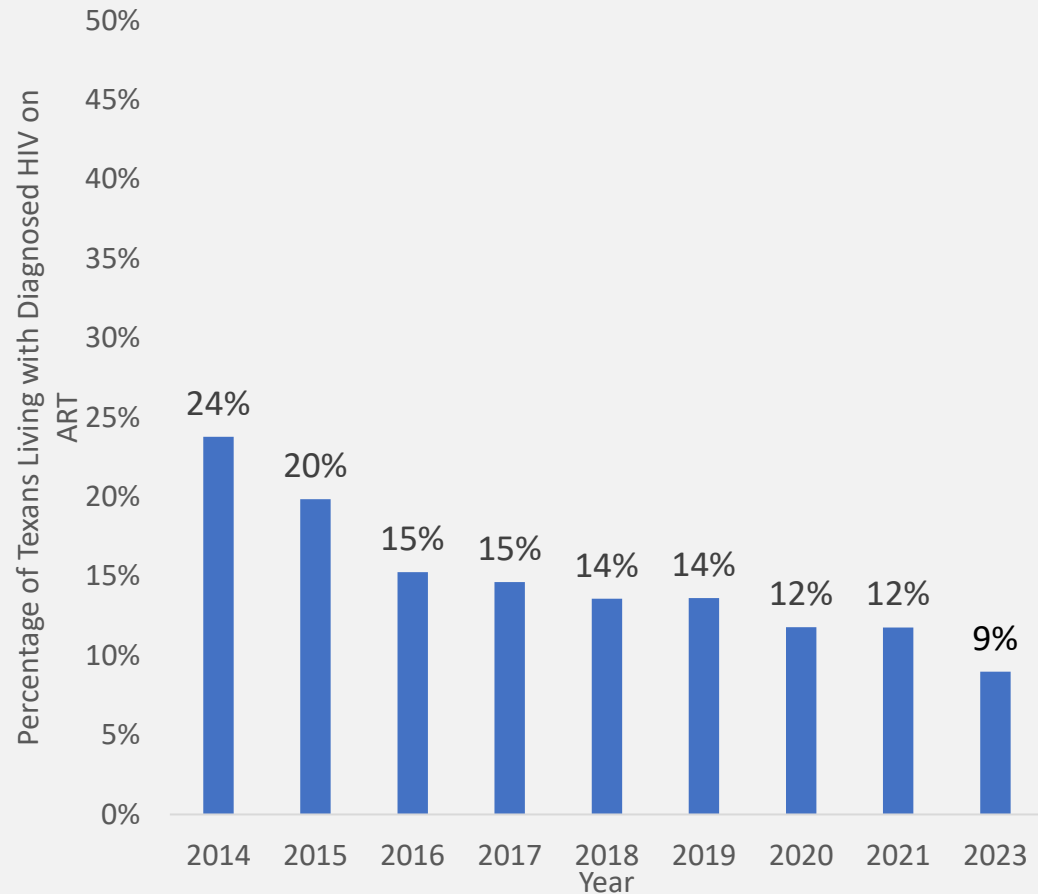


Number of Dx PLWH in HIV Care with an Unsuppressed Viral Load

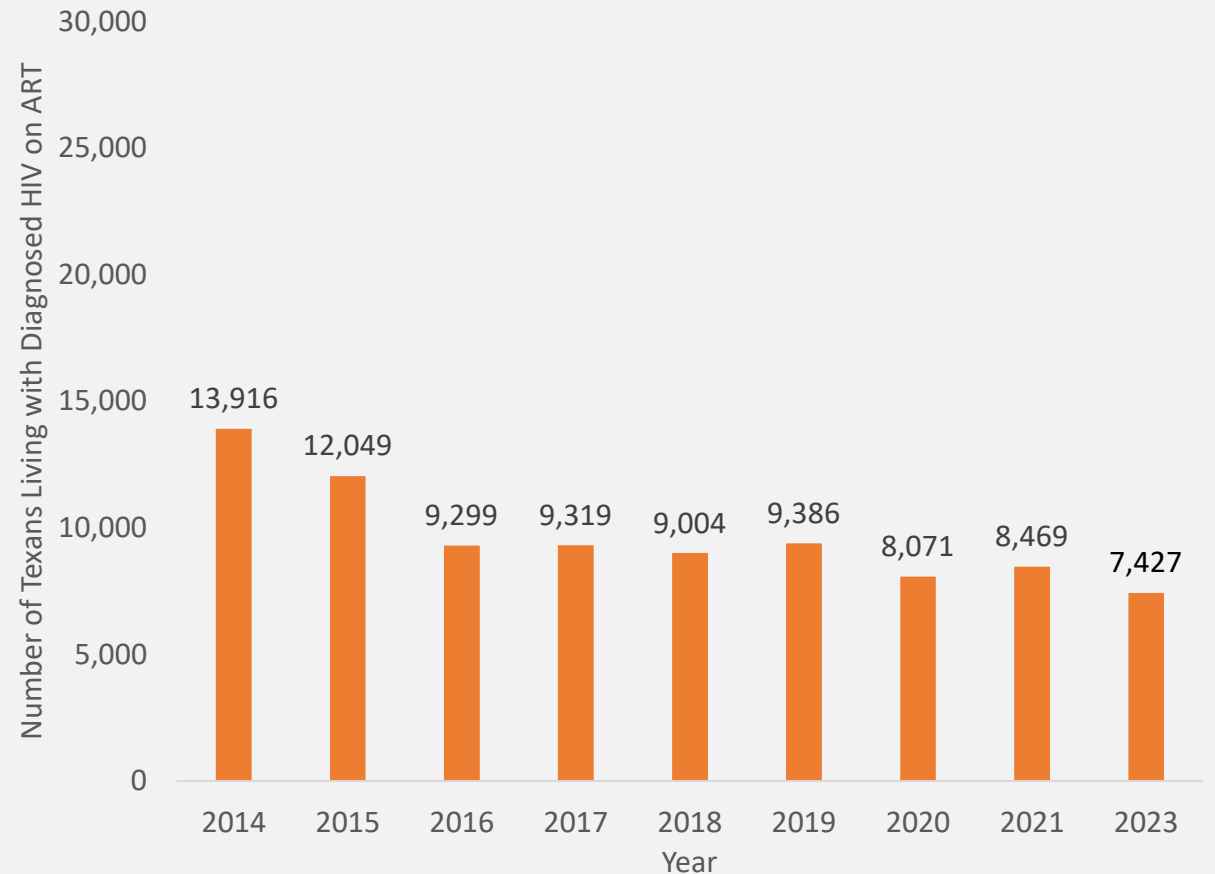


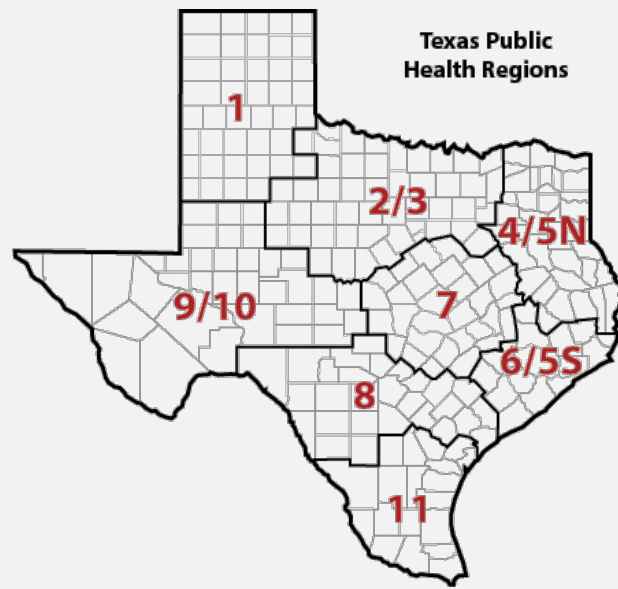
PLWH Not Virally Suppressed, 2014–2023

Proportion of Dx PLWH **on ART** with an Unsuppressed Viral Load



Number of Dx PLWH **on ART** with an Unsuppressed Viral Load





Texas Public Health Regions



Public Health



METROPOLITAN HEALTH DISTRICT



DSHS HIV/STD Program



HOUSTON HEALTH DEPARTMENT



DCHHS
Dallas County Health and Human Services
*Healthy People Healthy Communities
Health and Social Equity*



Public Health
Prevent. Promote. Protect.

City of Amarillo



Waco-McLennan
Public Health



FORT BEND
HEALTH & HUMAN SERVICES
Prevent. Promote. Protect.



PUBLIC HEALTH
CITY OF EL PASO



Galveston County
Health District



Thank you!



TEXAS
Health and Human
Services

Texas Department of State
Health Services

Thank you