

Priority Setting and Resource Allocation Committee Meeting 2023 Epi Update

Samantha Tweeten, PhD, MPH
HIV/HCV Surveillance Coordinator
Epidemiology & Immunization Services Branch
Public Health Services

May 9, 2024



Background

- Data from 2023 eHARS file
- Persons Living with HIV Disease (PLWHD)
 - HIV disease diagnosis and living as of 12/31/2023
 - Current address listed as SD County; could be diagnosed anywhere
 - N=15,035
- SD Incident Cases
 - HIV diagnoses amongst SD County residents only
 - Cumulative cases
 - N=25,458
- SD Recent Cases
 - HIV diagnosis 2019-2023 amongst SD Incident Cases
 - N=2,142

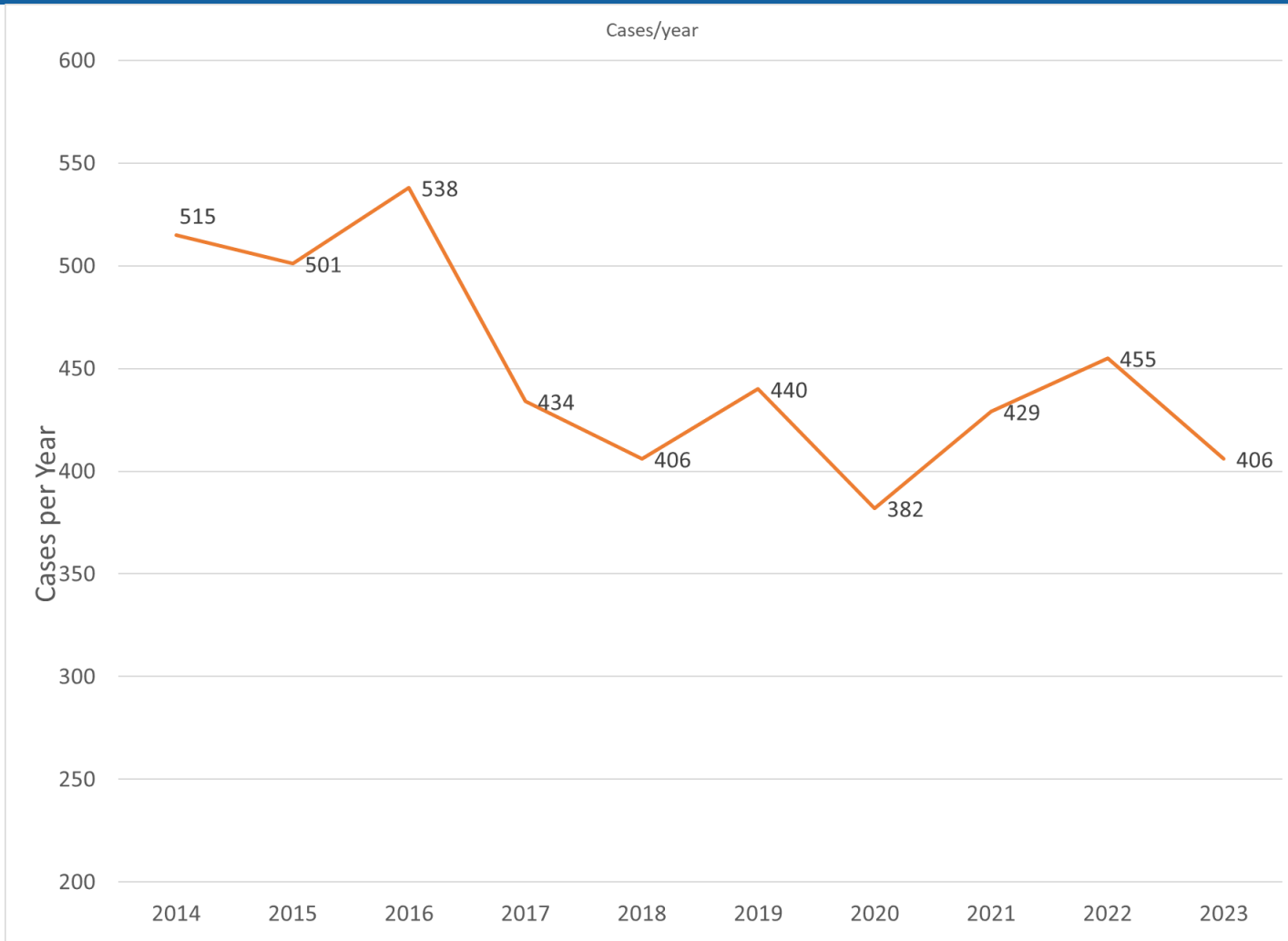


Diagnoses by Year, 2014-2023

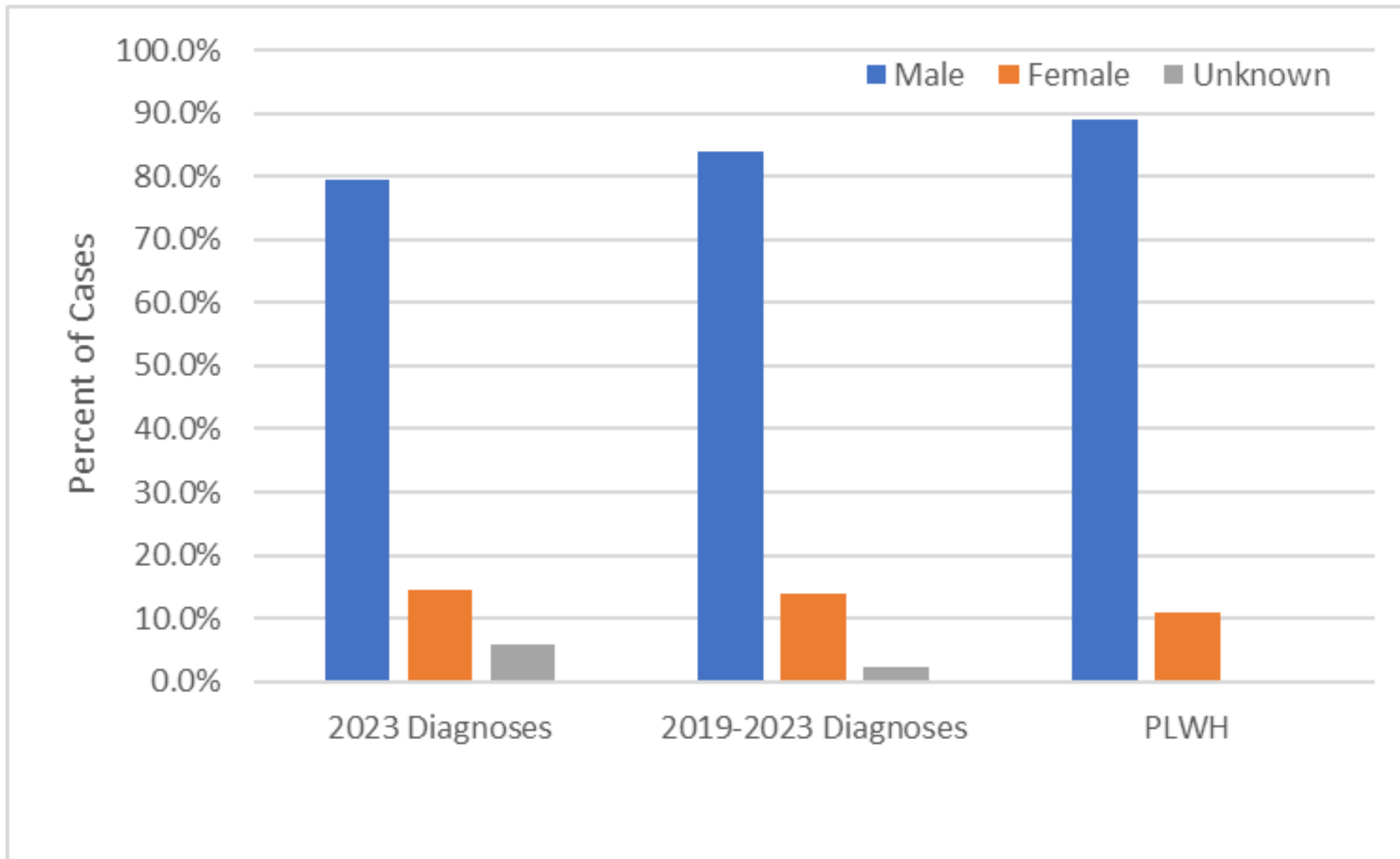
(as of 3/31/2024)



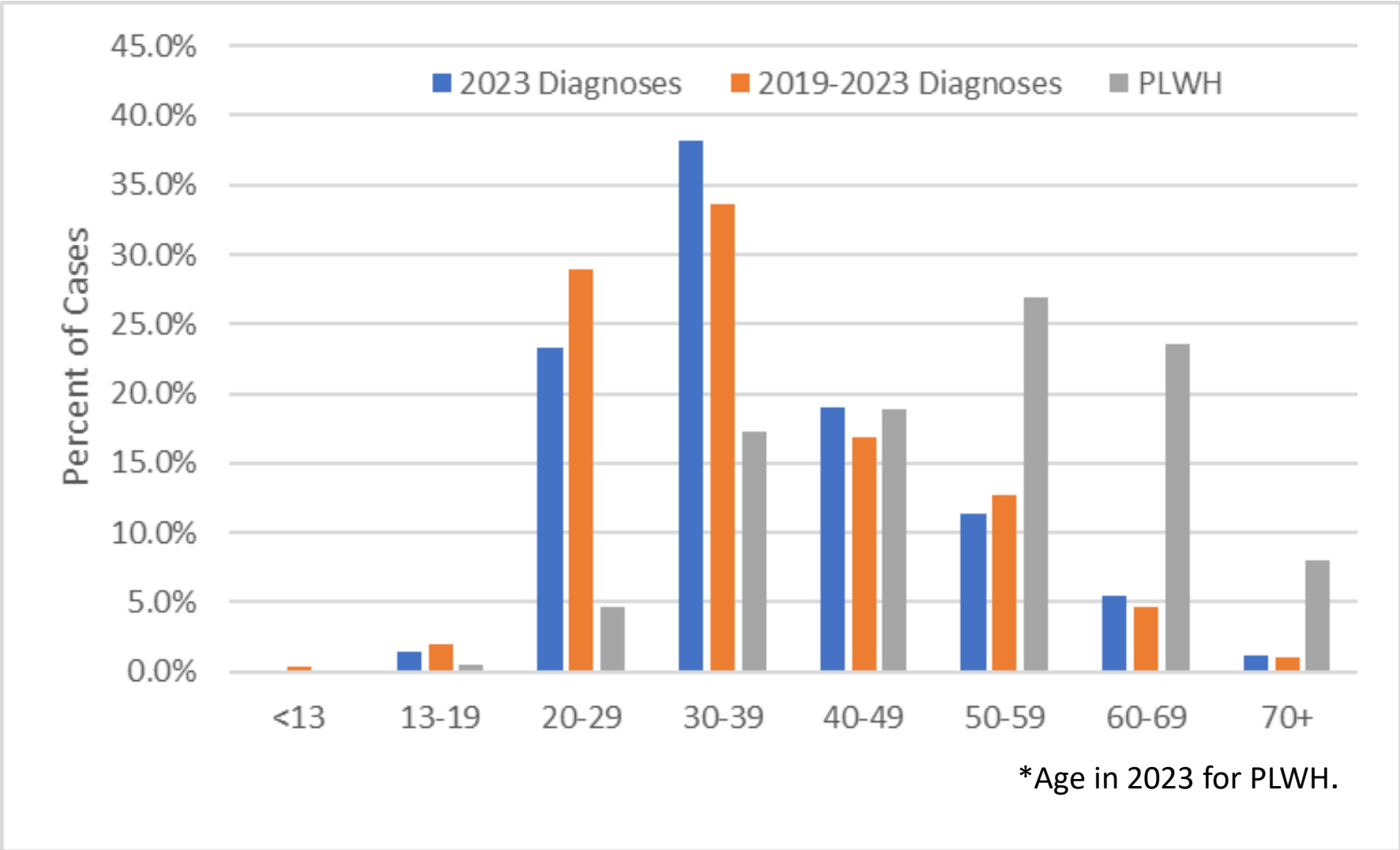
LIVE WELL
SAN DIEGO



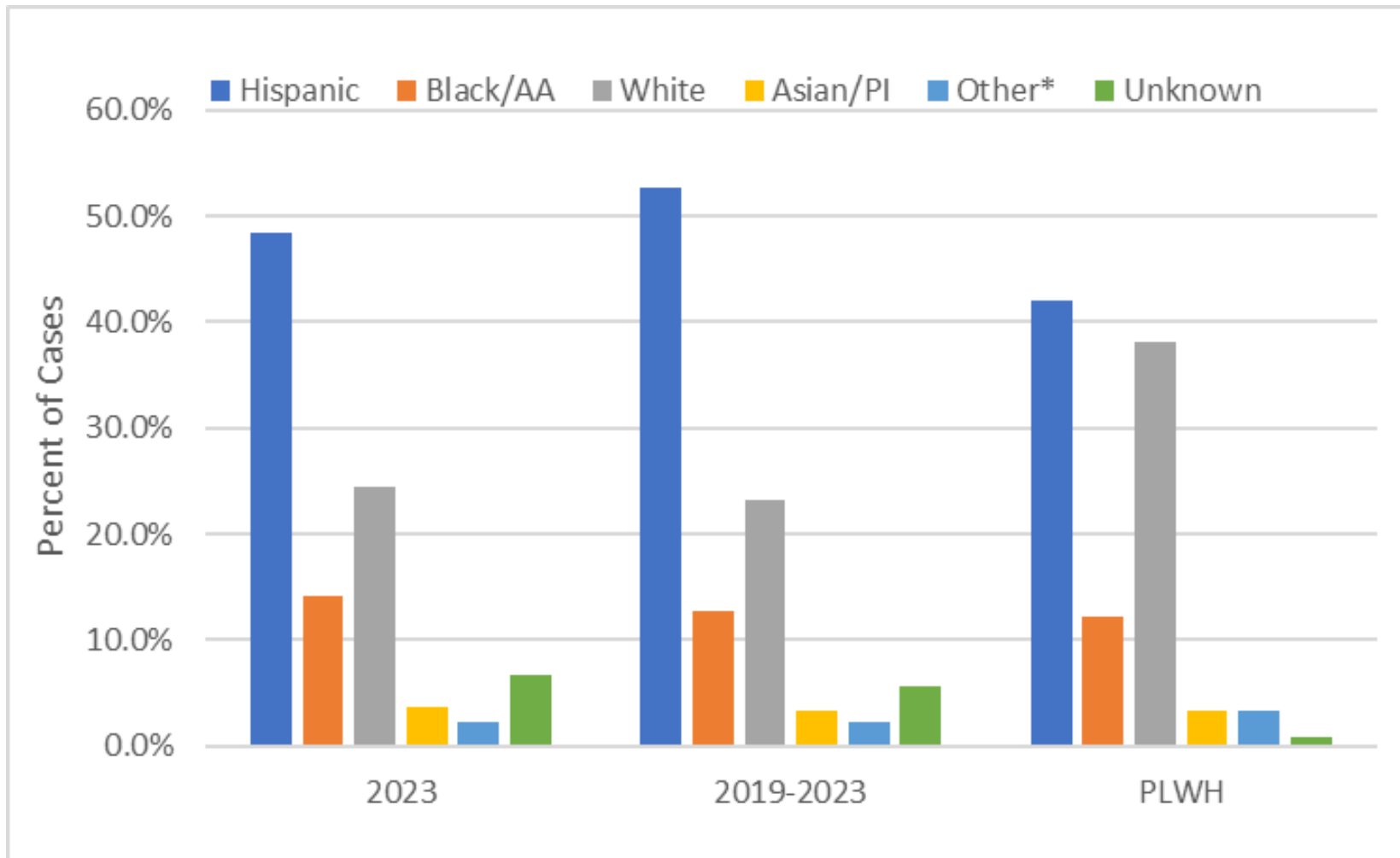
Sex Assigned at Birth – Recent and PLWH



Age – at diagnosis and current (2023)*



Race/Ethnicity – Recent and PLWH



* Includes American Indian/Alaska Native and Multi Race.



Race/Ethnicity Rates

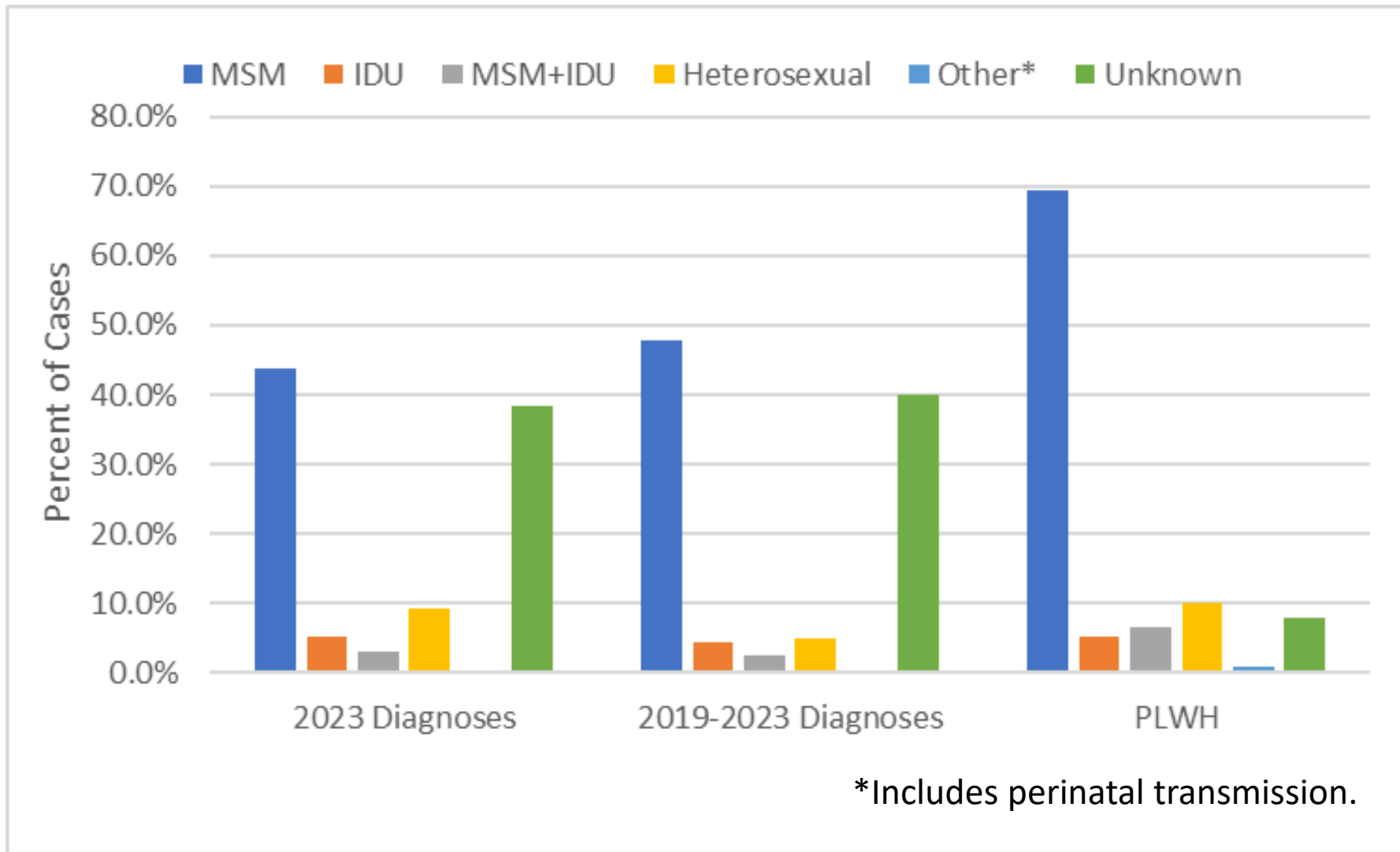
Race/Ethnicity	2023 Diagnoses			Recent Diagnoses (2019-2023)			PLWH (as of 12/31/2023)	
	N	%	Rate*	N	%	Rate*	N	%
Hispanic	212	48.5%	19.0	1,128	52.7%	20.2	6,326	42.1%
Black/AfricanAmerican	62	14.2%	43.0	275	12.8%	38.2	1,837	12.2%
White	107	24.5%	7.6	497	23.2%	7.1	5,724	38.1%
Asian/PI	16	3.7%	3.8	73	3.4%	3.5	498	3.3%
Other**	10	2.3%		47	2.2%		506	3.4%
Unknown	30	6.8%		122	5.7%		144	0.9%
Total	437	100.0%		2,142	100.0%		15,035	100.0%

*Per 100,000 population.

**Includes American Indian/Alaska Native and Multiple Race.



Transmission Risk – Recent and PLWH



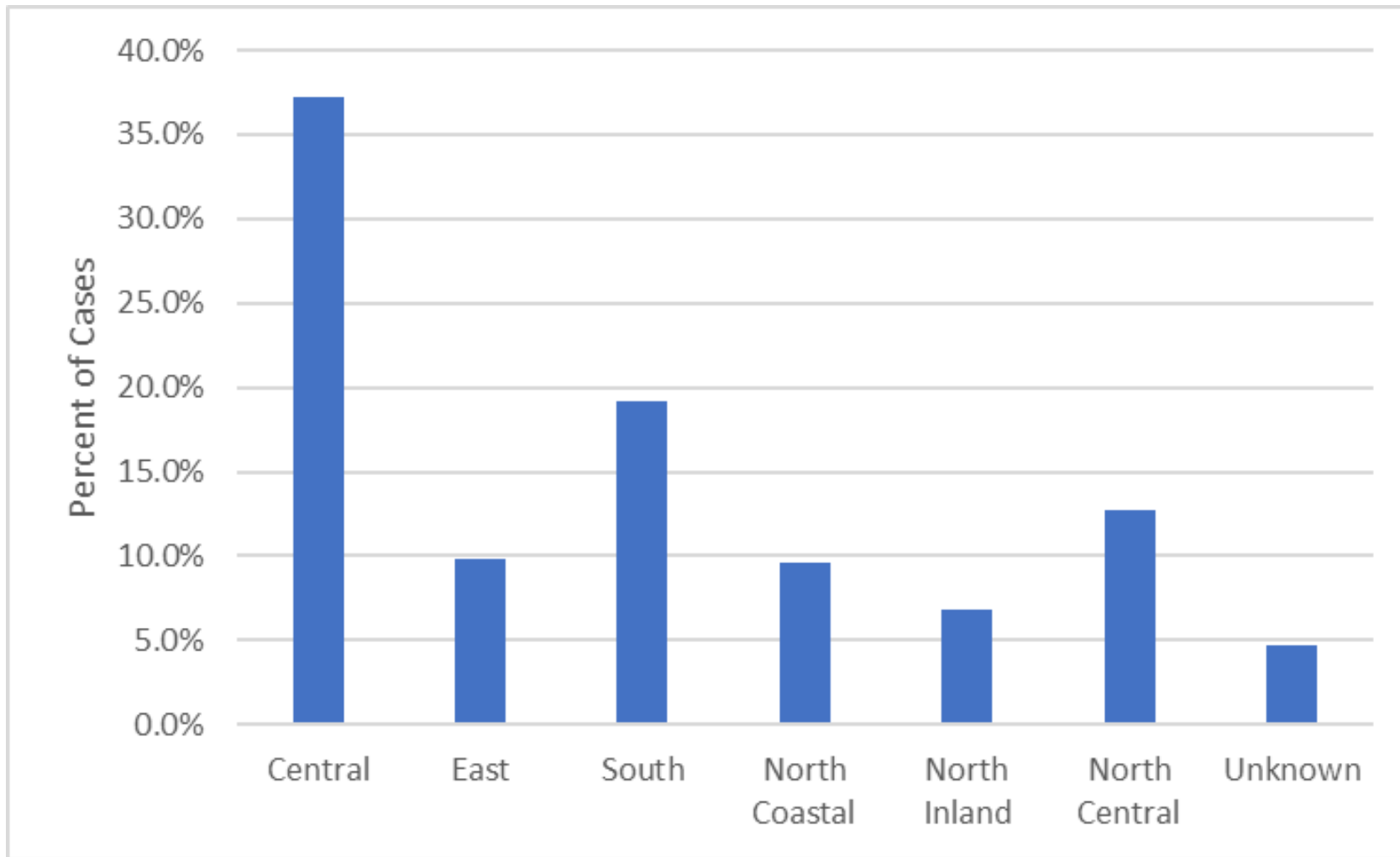
HHSA Regions – Recent and PLWH



Region*	2023 Diagnoses		Recent Diagnoses (2019-2023)		PLWH (as of 12/31/2023)	
	N	%	N	%	N	%
Central	149	34.1%	797	37.2%	6,760	45.0%
East	49	11.2%	209	9.5%	1,416	9.4%
South	77	17.6%	412	19.2%	2,729	18.2%
North Coastal	49	11.2%	205	9.6%	1,207	8.0%
North Inland	36	8.2%	146	6.8%	902	6.0%
North Central	44	10.1%	272	12.7%	1,885	12.5%
Unknown	33	7.6%	101	4.7%	136	0.9%
Total	437	100.0%	2142	100.0%	15,035	100.0%

*Region at diagnosis for Recent and current region for PLWH.

Recent cases (2019-2023) – by HHSA Region



HHSA Regions, 2019-2023 Diagnoses – Age Group

Age at Diagnosis	HHSA Region							All Cases
	Central	East	South	N Coastal	N Inland	N Central	Unknown	
13-19 years	2.1%	1.0%	2.4%	2.0%	0.0%	2.9%	1.0%	2.0%
20-29 years	25.6%	35.9%	26.2%	33.7%	38.4%	28.7%	28.7%	28.9%
30-39 years	36.0%	29.7%	36.9%	26.3%	28.1%	33.1%	32.7%	33.6%
40-49 years	18.7%	15.3%	15.8%	18.0%	13.7%	15.8%	13.9%	16.8%
50-59 years	10.7%	14.4%	12.6%	16.1%	14.4%	13.6%	13.9%	12.7%
60-69 years	5.4%	2.4%	5.6%	52.9%	5.5%	2.9%	7.9%	4.7%
70+ years	1.0%	1.0%	0.5%	0.5%	0.0%	2.6%	2.0%	1.0%
All	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Total	797	209	412	205	146	272	101	2,142



HHSA Regions, 2019-2023 Diagnoses – Race/Ethnicity

Race/ Ethnicity	HHSA Region							All Cases
	Central	East	South	N Coastal	N Inland	N Central	Unknown	
Hispanic	48.0%	40.7%	78.6%	53.7%	59.6%	40.1%	31.6%	52.8%
Black/AA	16.8%	18.2%	7.8%	5.9%	4.1%	14.3%	14.3%	12.9%
White	24.5%	30.6%	7.3%	31.7%	26.0%	27.9%	29.6%	23.2%
Asian/PI	3.5%	1.9%	2.7%	3.9%	2.7%	6.3%	1.0%	3.4%
Other*	2.5%	2.4%	0.2%	1.5%	2.1%	4.4%	3.1%	2.2%
Unknown	4.6%	6.2%	3.4%	3.4%	5.5%	7.0%	20.4%	5.5%
All	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Total	797	209	412	205	146	272	101	2,142



HHSA Regions, 2019-2023 Diagnoses - Risk

Risk	HHSA Region							All Cases
	Central	East	South	N Coastal	N Inland	N Central	Unknown	
MSM	51.1%	44.5%	47.8%	43.4%	45.2%	52.2%	30.7%	47.9%
IDU	4.9%	5.7%	3.9%	5.4%	3.4%	4.4%	52.0%	4.5%
MSM+IDU	3.3%	1.4%	1.7%	2.9%	2.1%	2.9%	0.0%	2.5%
Heterosexual	3.9%	8.6%	5.3%	5.9%	4.8%	4.8%	2.0%	4.9%
Other*	0.5%	0.5%	0.0%	0.0%	0.0%	0.4%	0.0%	0.3%
Unknown/NIR	1.0%	39.2%	41.3%	42.4%	44.5%	35.3%	65.3%	40.0%
All	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Total	797	209	412	205	146	272	101	2,142



In-Care 2022-2023

In-Care

- Having a lab within 2022-2023
 - CD4 or Viral Load

Sex at Birth	In Care 2022-2023	
	Yes	No
Male	76.2%	23.8%
Female	75.1%	24.9%
Unknown	90.5%	9.5%
All	76.1%	23.9%
N	11,438	3,597



In-Care 2022-2023

Current Age (years)	In Care 2022-2023	
	Yes	No
less than 13	100.0%	0.0%
13-19	88.0%	12.0%
20-29	85.4%	14.6%
30-39	80.3%	19.7%
40-49	75.5%	24.5%
50-59	74.3%	25.7%
60-69	75.7%	24.3%
70+	69.2%	30.8%
All	76.3%	24.0%
N	11,438	3,597

Region	In Care 2022-2023	
	Yes	No
Central	74.9%	25.1%
East	81.4%	18.6%
South	71.7%	28.3%
North Coastal	80.9%	19.1%
North Inland	81.0%	19.0%
North Central	78.0%	22.0%
Unknown	64.0%	36.0%
All	76.1%	23.9%
N	11,438	3,597



In-Care, 2022-2023

Race/Ethnicity	In Care 2022-2023	
	Yes	No
Hispanic	74.2%	25.8%
Black/AA	69.1%	30.9%
White	79.2%	20.8%
Asian/PI	80.7%	19.3%
Other*	86.4%	13.6%
Unknown	73.4%	26.6%
All	76.1%	23.9%
N	11,438	3,597

Risk	In Care 2022-2023	
	Yes	No
MSM	77.0%	23.0%
IDU	66.2%	33.8%
MSM+IDU	76.2%	23.8%
Heterosexual	73.9%	26.1%
Other	75.2%	24.8%
Unknown	77.5%	22.5%
All	76.1%	23.9%
N	11,438	3,597



Duration of Infection

Years	All PLWH		Current Address after 2013		Current Address after 2018	
	N	%	N	%	N	%
0-4	2,118	14.1%	2,118	16.1%	2,118	17.0%
5-9	2,332	15.5%	2,332	17.7%	2,100	16.9%
10-14	2,303	15.3%	2,079	15.8%	1,909	15.3%
15-19	2,314	15.4%	1,920	14.6%	1,818	14.6%
20-24	2,038	13.6%	1,682	12.8%	1,603	12.9%
25-29	1,727	11.5%	1,387	10.5%	1,317	10.6%
30-24	1,420	9.4%	1,050	8.0%	999	8.0%
35-40	783	5.2%	614	4.7%	579	4.7%
Total	15,035	100.0%	13,182	100.0%	12,443	100.0%



Questions



LIVE WELL
SAN DIEGO



Samantha Tweeten, PhD, MPH
Samantha.Tweeten@sdcounty.ca.gov



LIVE WELL
SAN DIEGO

THANK YOU

Epidemiology & Immunization Services Branch (EISB)