

# SUMMARY OF HIV EPIDEMIOLOGY PROFILE DATA 2020-2021

PRESENTED JUNE 8, 2023

# DISCLAIMER

Most slides used in this presentation were generated using the Epi Data provided by the Florida Department of Health as of June 30, 2022.



## DEFINITION

# INCIDENCE

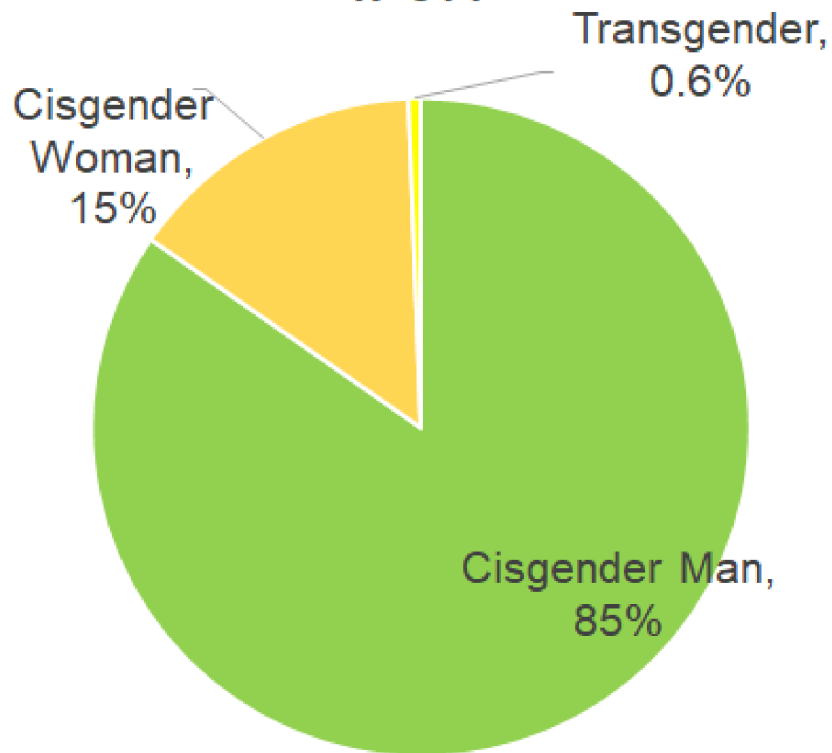
Number of new cases of a disease in a population during a defined period of time – such as the number of new HIV cases in Miami-Dade County

# HIV/AIDS INCIDENCE SNAPSHOT IN MIAMI-DADE FOR 2021

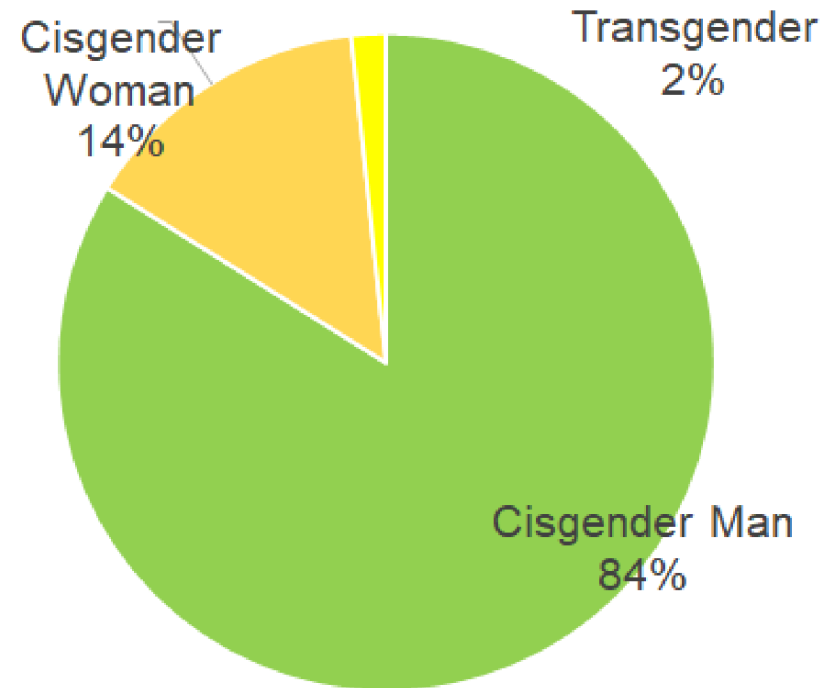
- HIV cases increased 48% in 2021 from 2020
- AIDS cases increased 28% in 2021 from 2020
- Men made up 84% of new diagnosis, among these the primary exposure was from male-to-male sexual contact.
- Transgender cases have increased significantly from 2017 to 2021
- Gonorrhea cases (co-infected with HIV) have increased by 100% since 2017.
- Chlamydia cases (co-infected with HIV) have increased by 97% since 2017.
- Early syphilis cases (co-infected with HIV) have increased by 72% since 2017.

# HIV DIAGNOSIS BY GENDER IDENTITY 2020 AND 2021

HIV Diagnosis by Current  
Gender Identity, 2020  
N=814

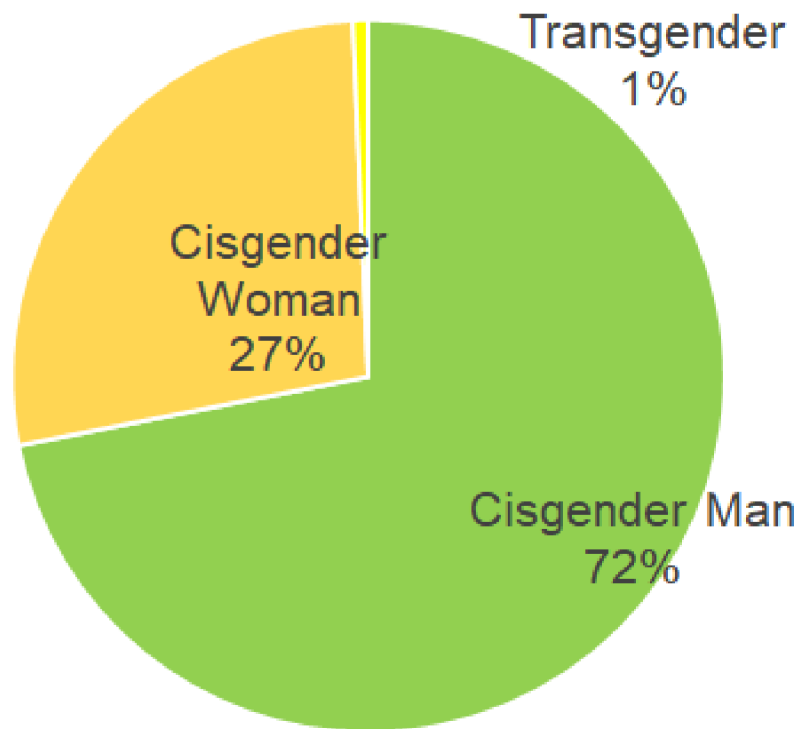


HIV Diagnosis by Current  
Gender Identity, 2021  
N=1,204

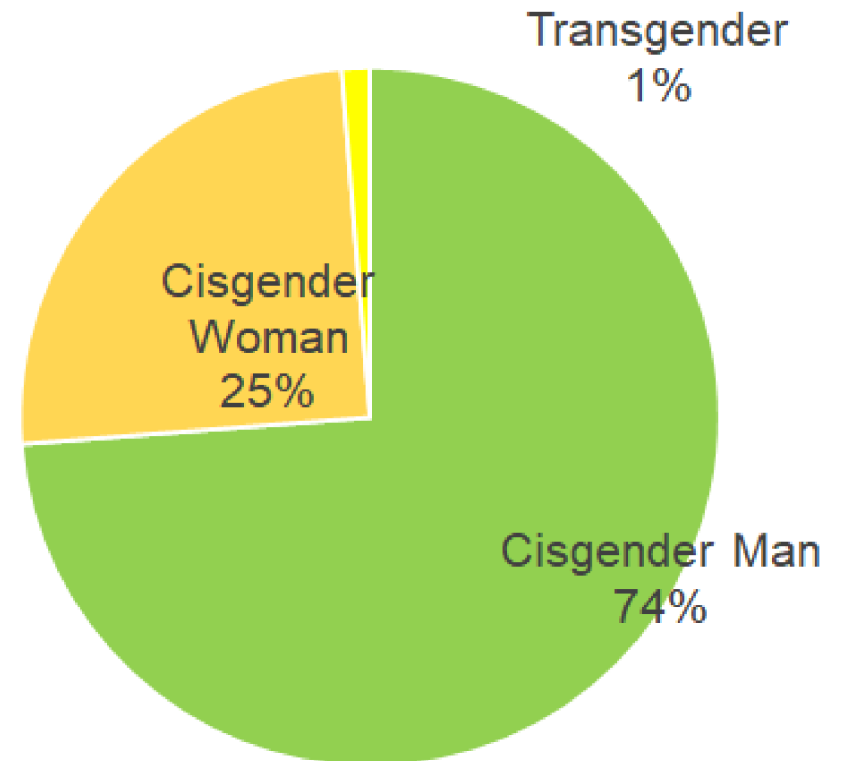


# AIDS DIAGNOSIS BY GENDER IDENTITY 2020 AND 2021

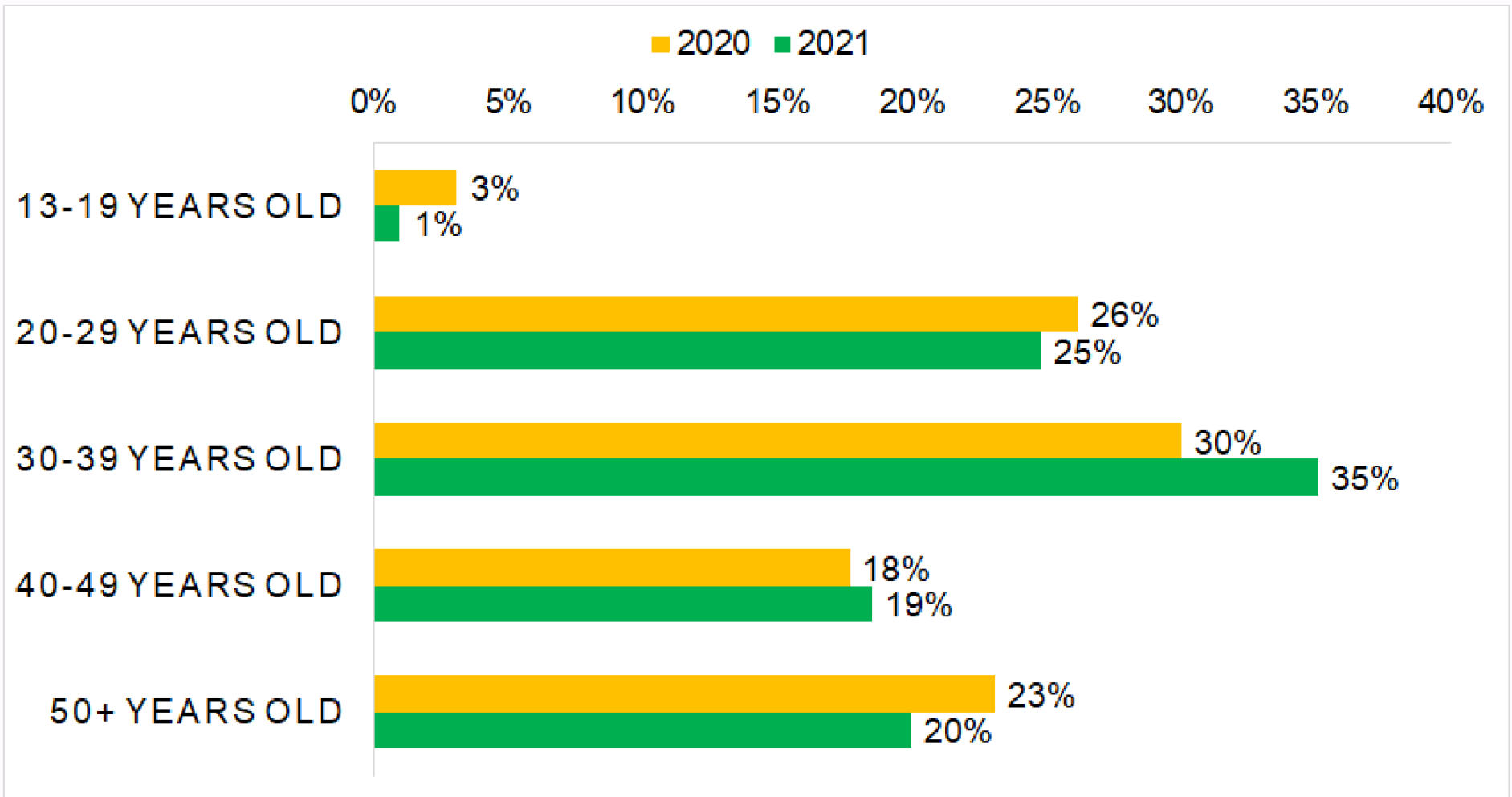
AIDS Diagnosis by Gender  
Identity, 2020,  
N=303



AIDS Diagnosis by Gender  
Identity, 2021,  
N=388

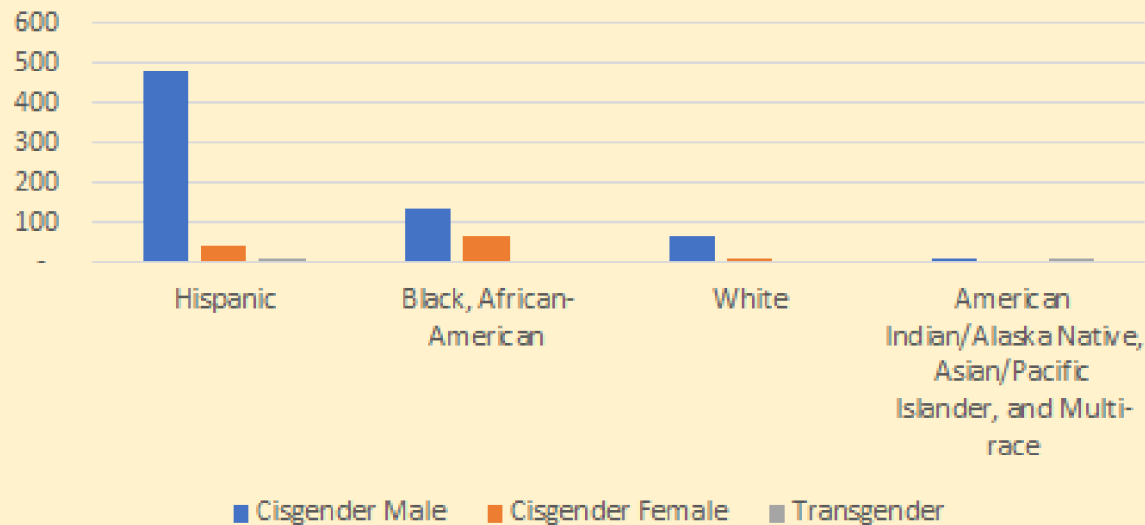


## ADULT HIV BY AGE AT DIAGNOSIS COMPARISON 2020 AND 2021

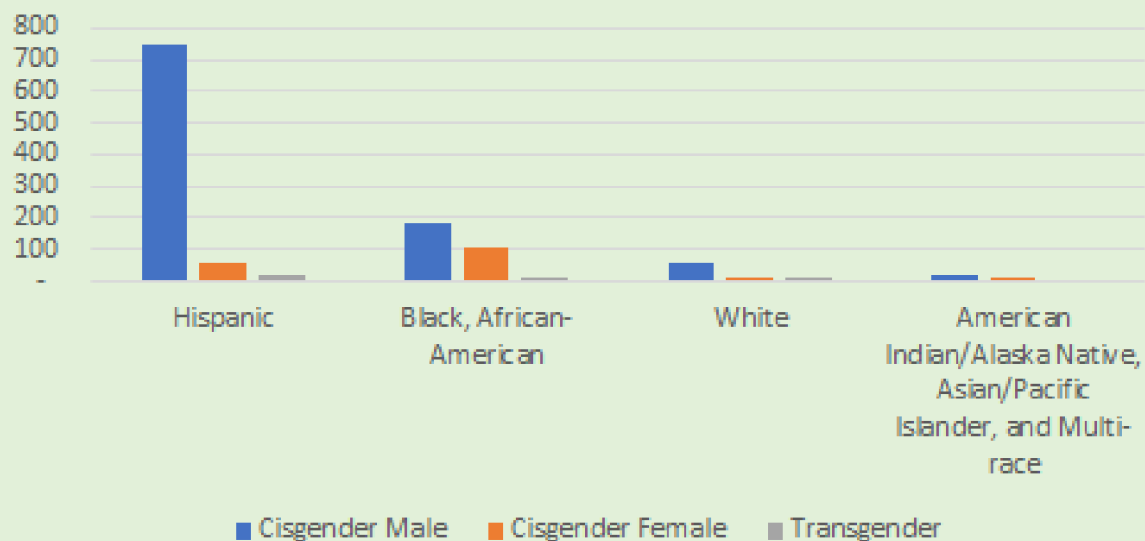


# HIV DIAGNOSIS BY RACE/ETHNICITY AND GENDER IDENTITY 2020 AND 2021

2020 HIV Diagnosis by Race/Ethnicity and Gender  
n= 814



2021 HIV Diagnosis by Race/Ethnicity and Gender  
n=1,204





# **HIV and Co-Occurring Conditions**

**CO-OCCURRING CONDITIONS: HEPATITIS B,  
HEPATITIS C, AND TUBERCULOSIS WITH HIV, 2021**

<b>Co-occurring Condition with HIV</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>% change 2019 - 2021</b>
Hepatitis B	44	56	56	27%
Hepatitis C	61	82	138	126%
Tuberculosis	15	7	12	-20%

## HIV WITH CO-OCCURRING DIAGNOSIS OF AN STI BY YEAR OF STI REPORT, 2017-2021

Year of STI Report	HIV/ Early Syphilis <sup>1</sup>	HIV/ Chlamydia	HIV/ Gonorrhea
2017	724	611	595
2018	928	803	806
2019	1,000	955	1,034
2020	1,096	837	953
2021	1,248	1,202	1,188
Percentage Change 2017-2021	72%	97%	100%

<sup>1</sup>Primary, secondary and early non-primary, non-secondary syphilis.

## DEFINITION

# PREVALENCE

Total number of people in a population who have a disease or health condition at a specific period of time, usually expressed as a percentage of the population – such as the total number of people diagnosed with HIV in Miami-Dade County (EMA) as of December 31 of the reference year.

# HIV/AIDS PREVALENCE SNAPSHOT IN MIAMI-DADE FOR 2021

- 2021 (27,782) had a 2% increase over the 2020 (27,329) prevalence figure
- Hispanics comprise 50% of those living with HIV
- Hispanics have increased 10% from 2017-2021
- HIV transgender prevalence has increased
- The largest age group of those living with HIV are 50+ years old (57%)
- The largest exposure group is male to male sexual contact (MMSC) (57%)

# PEOPLE WITH HIV 2020 AND 2021 IN MIAMI- DADE COUNTY

Demographic Group / Exposure Category	2020	2021
<i>Race/Ethnicity</i>	<i>n=27,329</i>	<i>n=27,782</i>
White	10%	10%
Black	40%	40%
Hispanic	49%	50%
Asian/Pacific Islander	<1%	<1%
American Indian/Alaska Native	<1%	<1%
Multi-race	1%	1%
Total	100%	100%
<i>Current Gender ID</i>		
Cisgender Man	75%	76%
Cisgender Woman	24%	24%
Transgender Man	<1%	<1%
Transgender Woman	<1%	<1%
Total	100%	100%
<i>Age</i>		
Age 0-12	<1%	<1%
Age 13-19	<1%	<1%
Age 20-29	7%	6%
Age 30-39	16%	17%
Age 40-49	20%	19%
Age 50-59	30%	29%
Age 60+	27%	28%
Total	100%	100%
<i>Cisgender Man Adult/Adolescent 13+ years old Transmission</i>		
MSM	74%	75%
IDU	4%	4%
MSM/IDU	3%	3%
Heterosexual	18%	17%
Other risk	1%	1%
Total Males	100%	100%
<i>Cisgender Woman Adult/Adolescent 13+ years old</i>		
IDU	8%	8%
Heterosexual	89%	89%
Risk not diagnosed/Other	3%	3%
Total Females	100%	100%
<i>Transgender Adult/Adolescent 13+ years old Transmission</i>		
IDU	6%	6%
Sexual contact	94%	94%
Other	0%	0%
Total Transgender	100%	100%
<i>Pediatric Exposure Category (ages 0-12)</i>		
Perinatal Exp	96%	100%
Non-Perinatal Exp	4%	0%
Total Peds	100%	100%

# TRANSGENDER TRANSMISSION, 2017-2021

## HIV Incidence

	Total	Transgender	Transgenders as % of Total
2017	1,167	1	0.1%
2018	1,194	8	0.7%
2019	1,164	5	0.4%
2020	814	5	0.6%
2021	1,204	21	1.7%

## HIV Prevalence

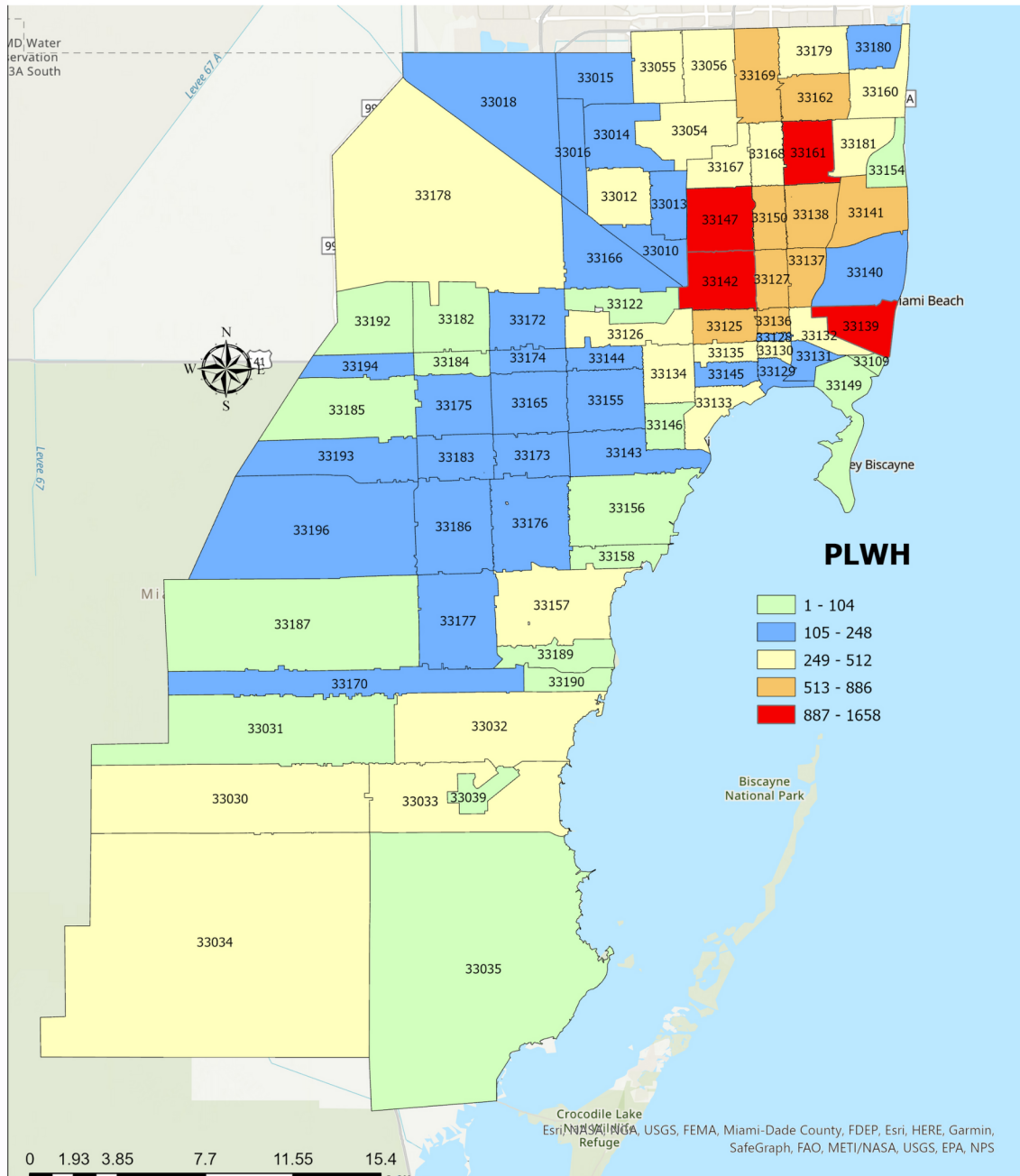
	Total	Transgender	Transgenders as % of Total
2017	27,307	81	0.3%
2018	27,389	81	0.3%
2019	27,380	85	0.3%
2020	27,329	87	0.3%
2021	27,782	105	0.4%

## PERSONS WITH HIV, IDU TRANSMISSION, 2020-2021

	2020 N=27,329		2021 N=27,782	
Cisgender Man	800	2.9%	805	2.9%
Cisgender Woman	551	2%	532	1.9%
Transgender	5	.01%	6	.02%



**Persons Living With HIV (PLWH)  
By Zip Code of Residence  
Miami-Dade County, 2021**



# 2021 Map of Prevalence

# THANK YOU!



[WWW.AIDSNET.ORG](http://WWW.AIDSNET.ORG)