

Data Workgroup Updates

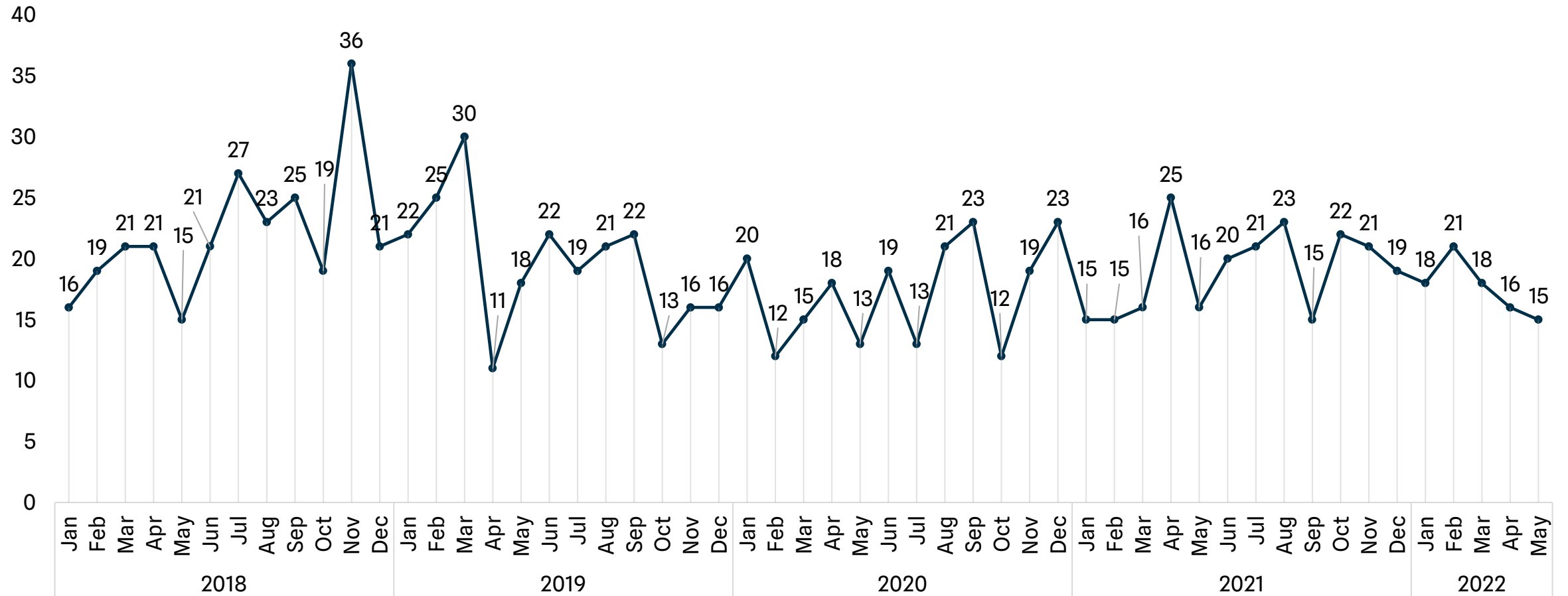
Suicide Completion Data Overview

Friday, August 25, 2023

Acknowledgements



Suicide Completions: By Month Across 2018-2022



2018: 264

2019: 235

2020: 208

2021: 228

2022: 225

Suicide rates increased 37% between 2000-2018 and decreased 5% between 2018-2020. However, rates nearly returned to their peak in 2021. (CDC)



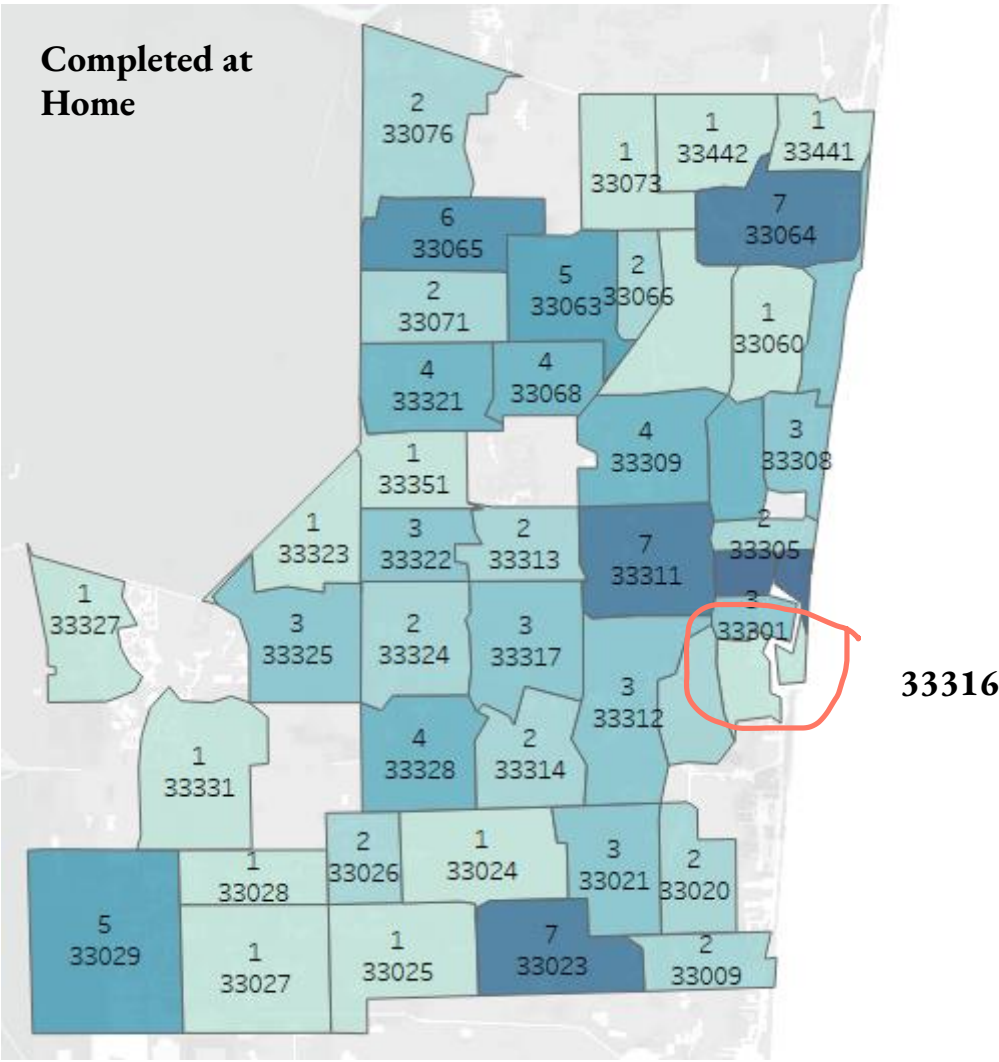
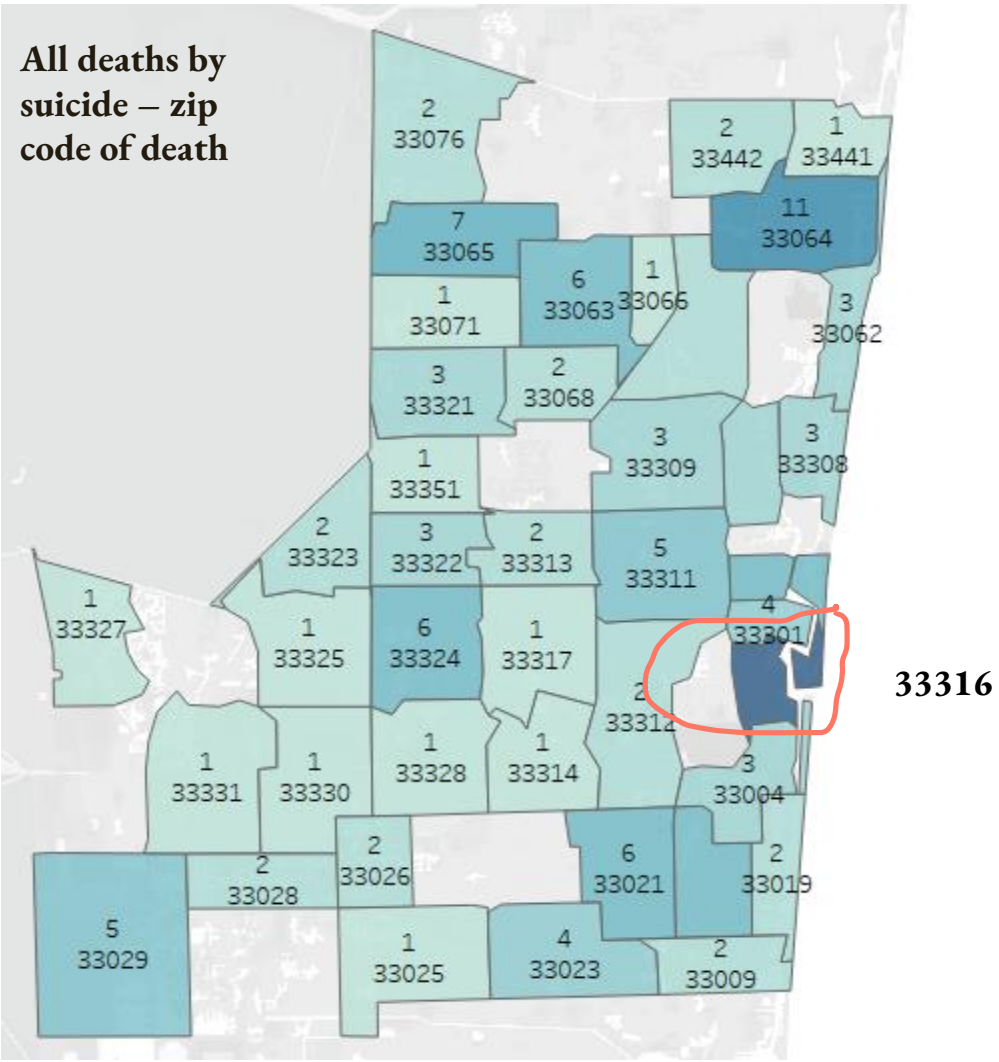
Suicide Completion by Mode based on zip code differential (June-Dec 2022)

Method	Completed in Home Zip Code	Completed in Different Zip Code
All Completions	58.4% (80)	41.6% (57)
Blunt force trauma	23.8% (5)	76.2% (16)
Drug/Substance Intoxication	58.8% (10)	41.2% (7)
Gunshot	62.1% (36)	37.9% (22)
Hanging/Asphyxia	72.2% (26)	27.8% (10)
Other	60.0% (3)	40.0% (2)



Suicide Completion June-Dec 2022

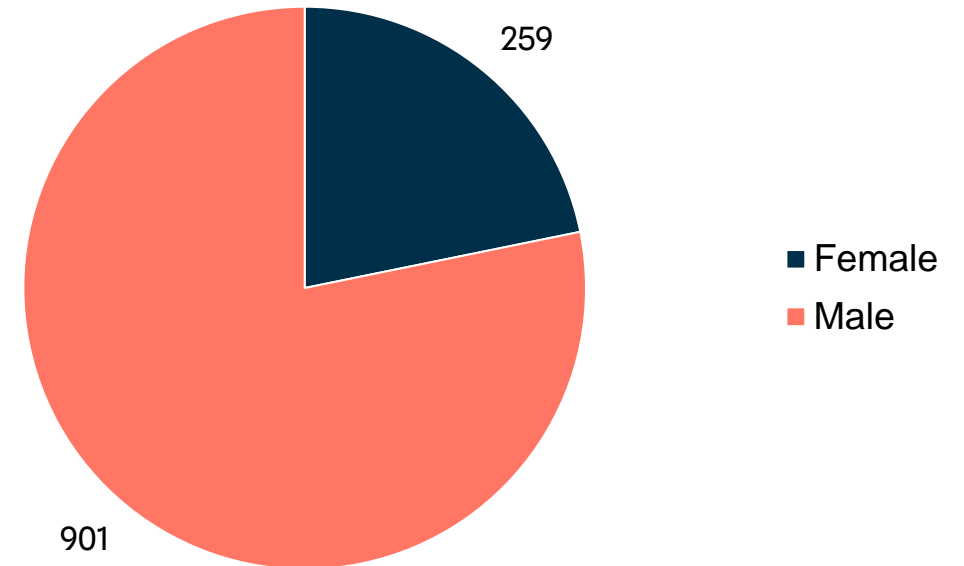
Darker blue indicates more cases



Gender

- ▶ Has not changed much over time (same proportion for last three years)
- ▶ 78% Male; 22% Female
- ▶ Consistent with national data (80% acc. to CDC)

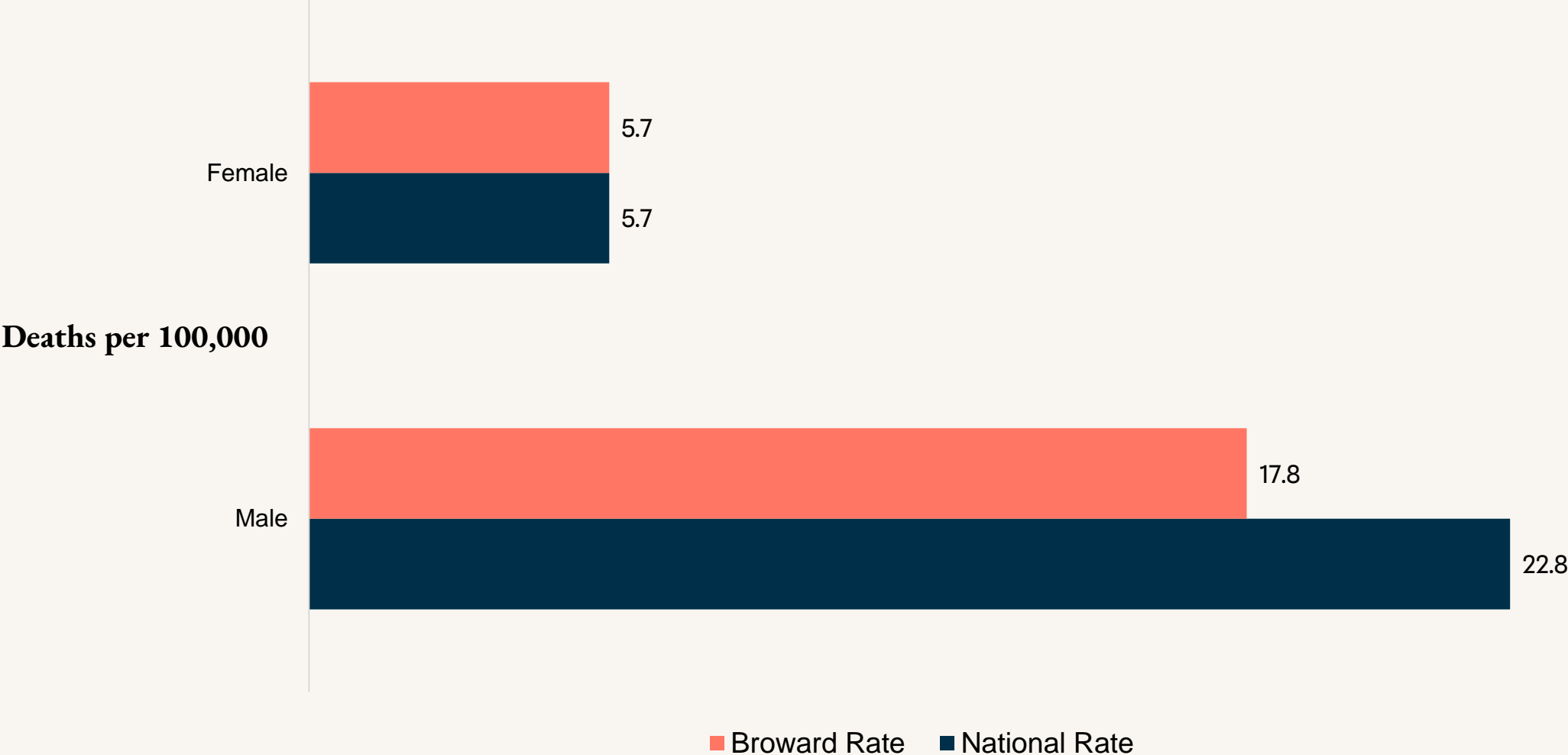
Suicides by gender 2018 -2022



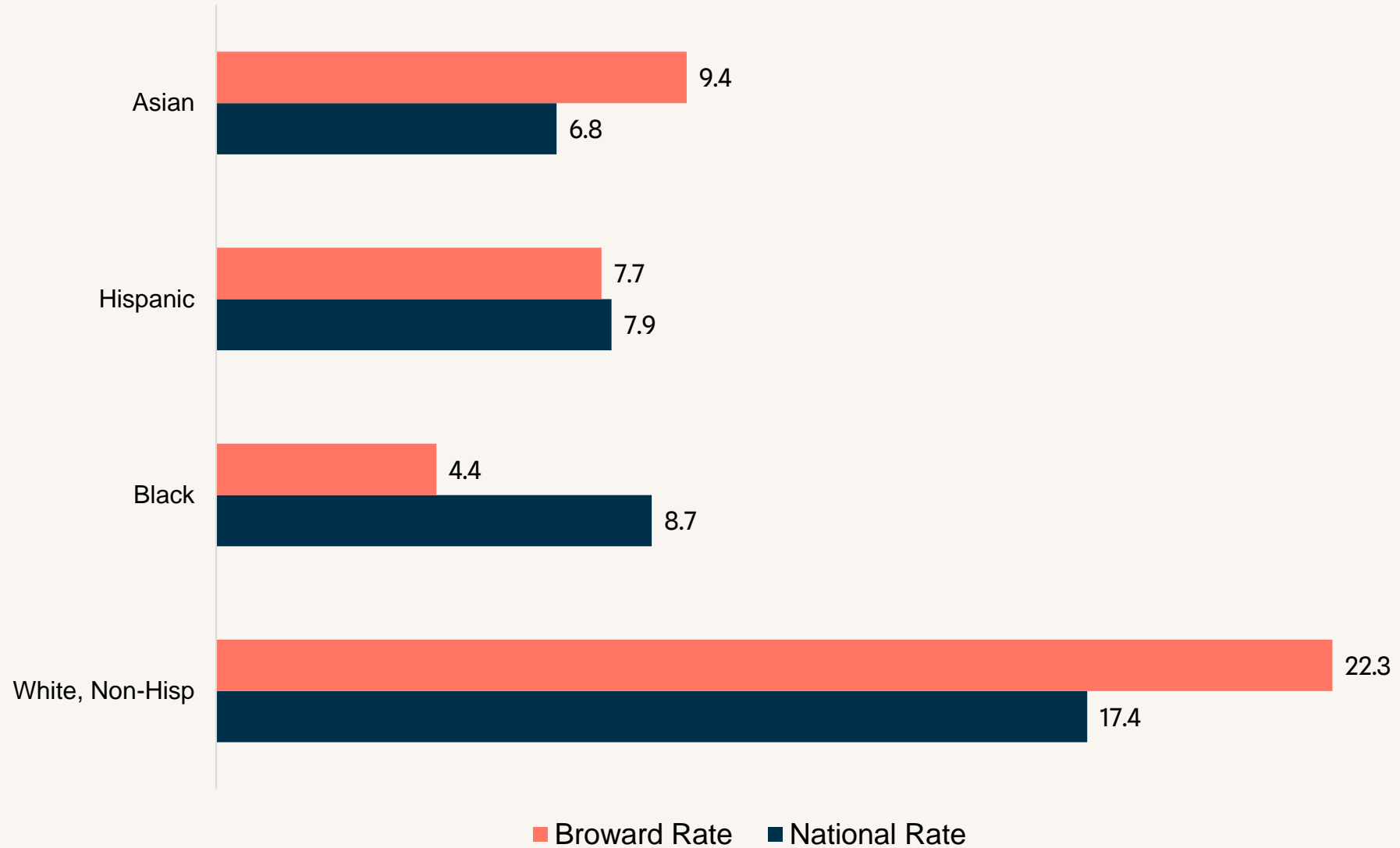
By Gender	
Female	259
Male	901
Total	1160



Broward County has a lower gender-adjusted rate of suicide for males compared to national data, 2022



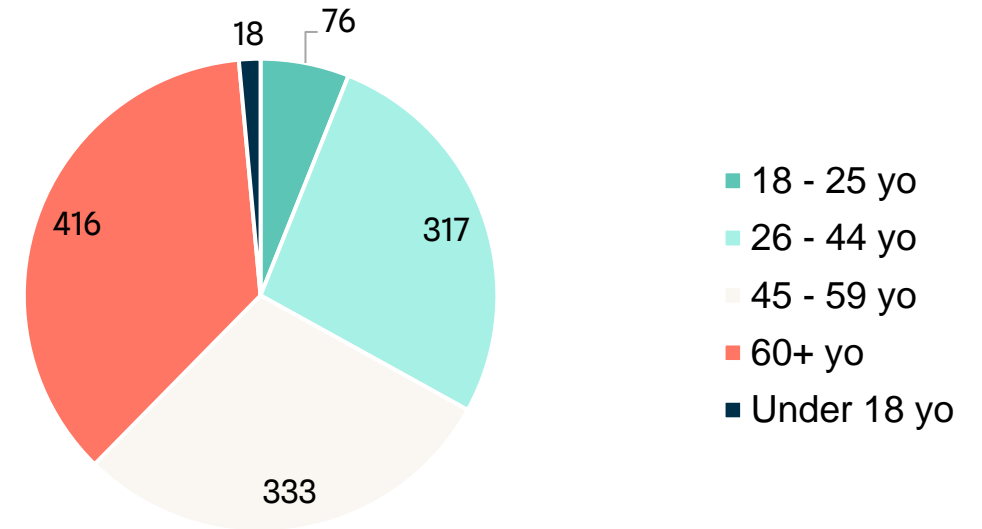
Race/Ethnicity adjusted suicide rates per 100,000, 2022



Suicide Completion by Age

- ▶ Those ages 60+ make up the most significant portion (41%)
 - ▶ 80+ years account for 7.3%
- ▶ Youth (under 18 years) make up 1.6% of deaths by suicide

Suicides by Age 2018 - 2022



	Age Category
18 - 25 yo	76
26 - 44 yo	317
45 - 59 yo	333
60+ yo	416
Under 18 yo	18
Total	1160



A Closer Look by Age

18-25-year-olds

60+ year olds

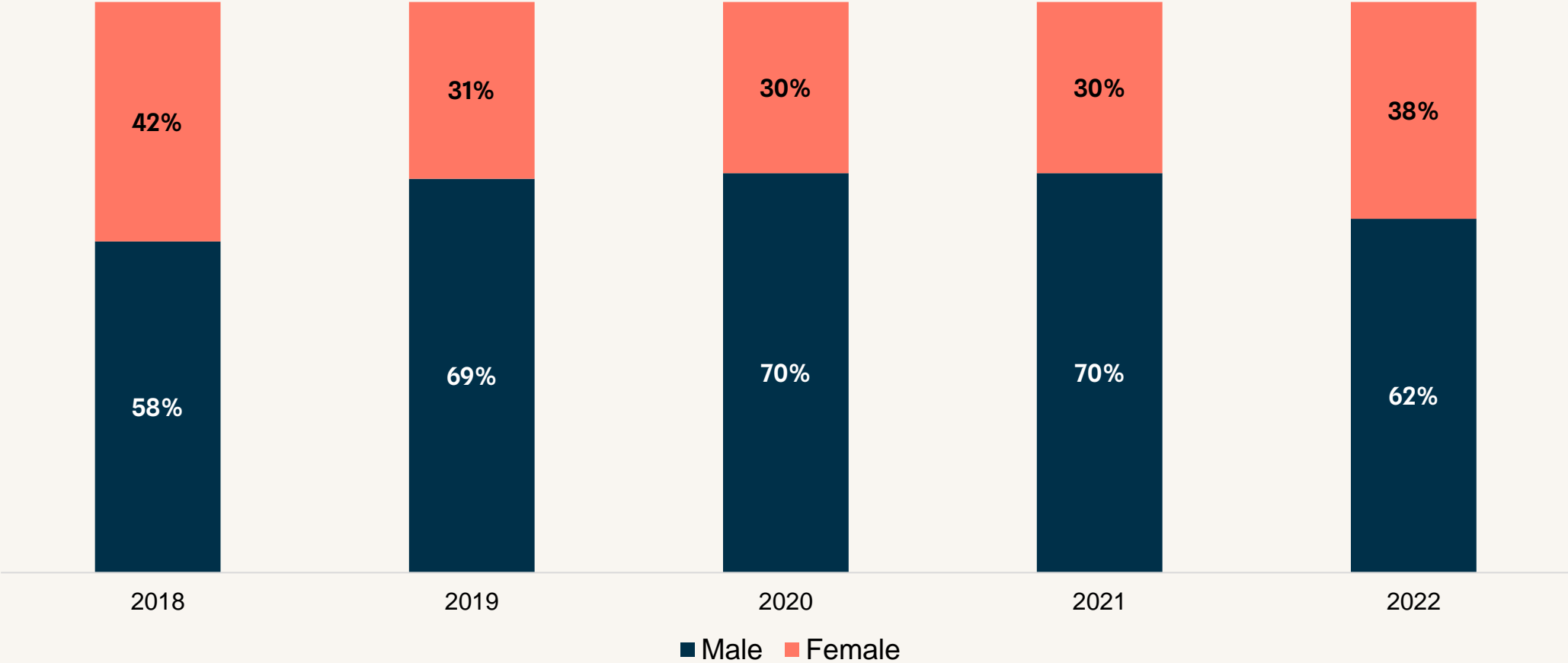


Youth Suicide Completion over time

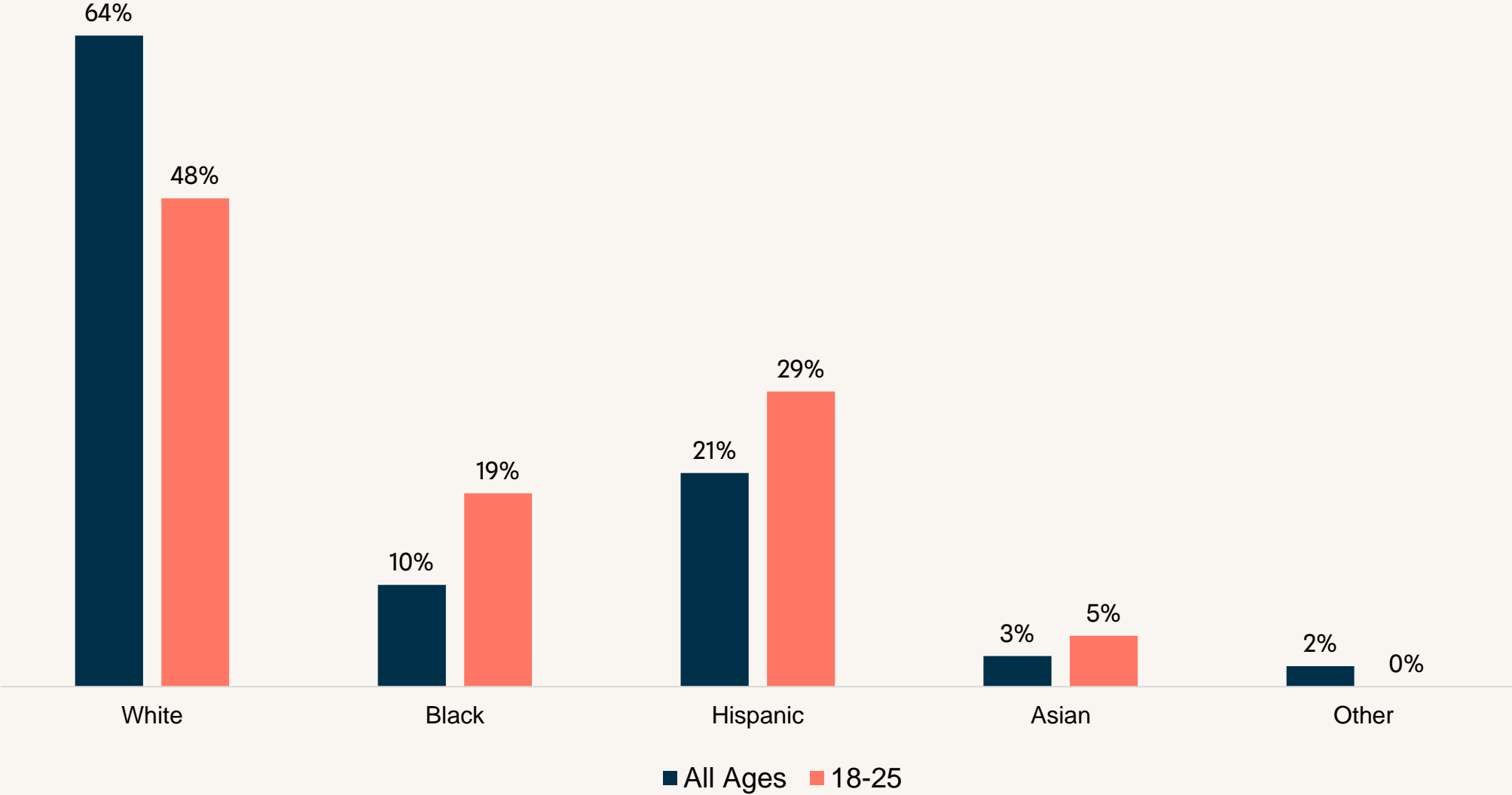
	2018	2019	2020	2021	2022
Number of suicides for 18–25-year-olds	12	13	10	20	21
Percentage of annual deaths by suicide	5%	6%	5%	9%	9%



Proportional Deaths by Suicide increased for females ages 18-25 years, 2022



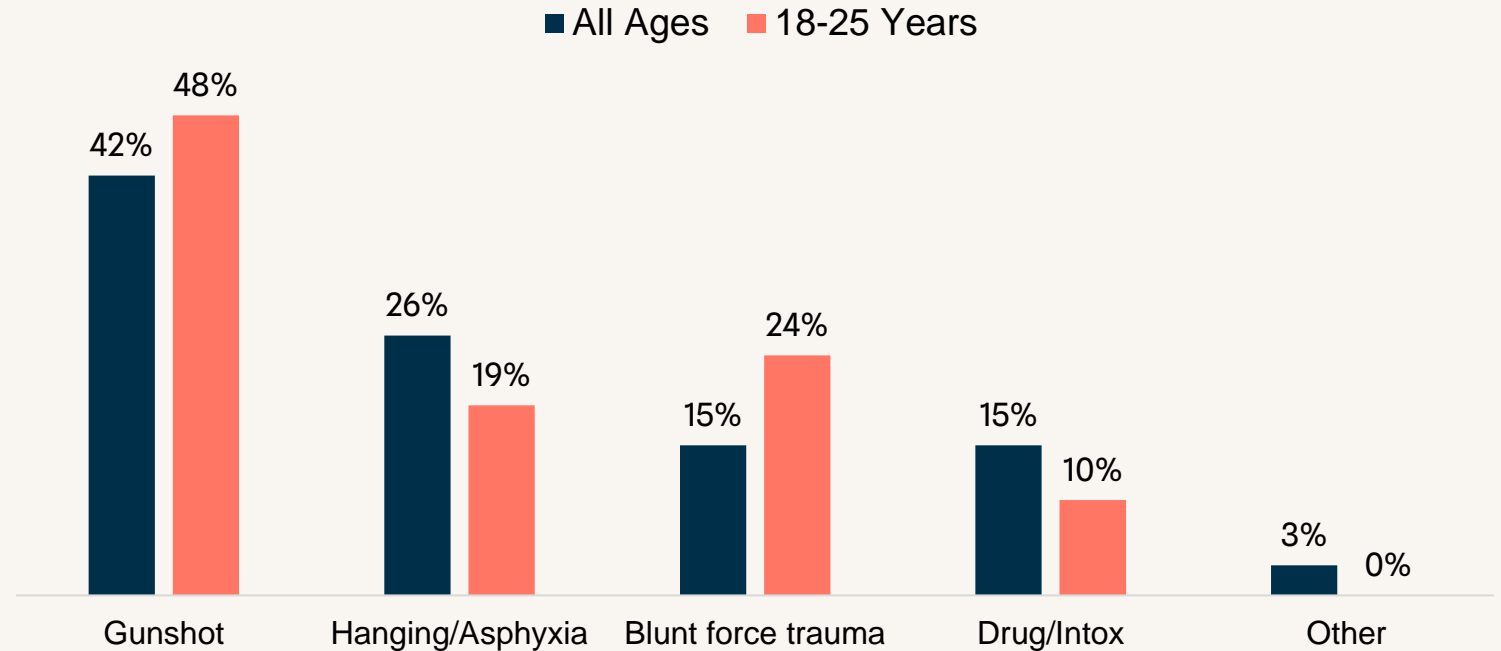
Deaths by Suicide for Race/Ethnicity for ages 18-25 years, 2022



Method of Suicide and Age Comparison

- ▶ No decrease in gun use (2021-2022)
- ▶ Blunt force trauma had a sharp increase from 2020

Deaths by Method of Suicide Completion for Adults 18-25 years and all ages

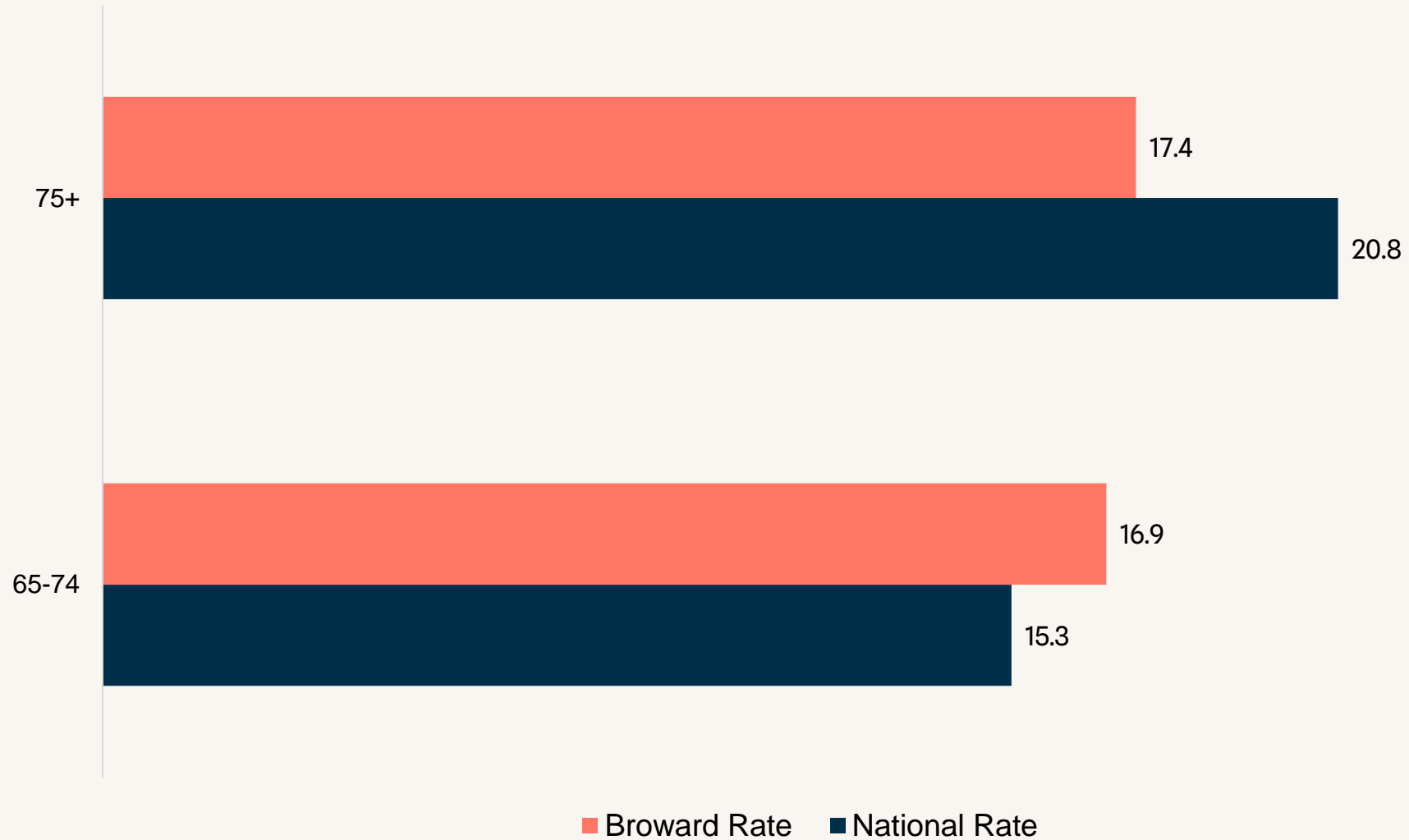


DEEP DIVE BY AGES

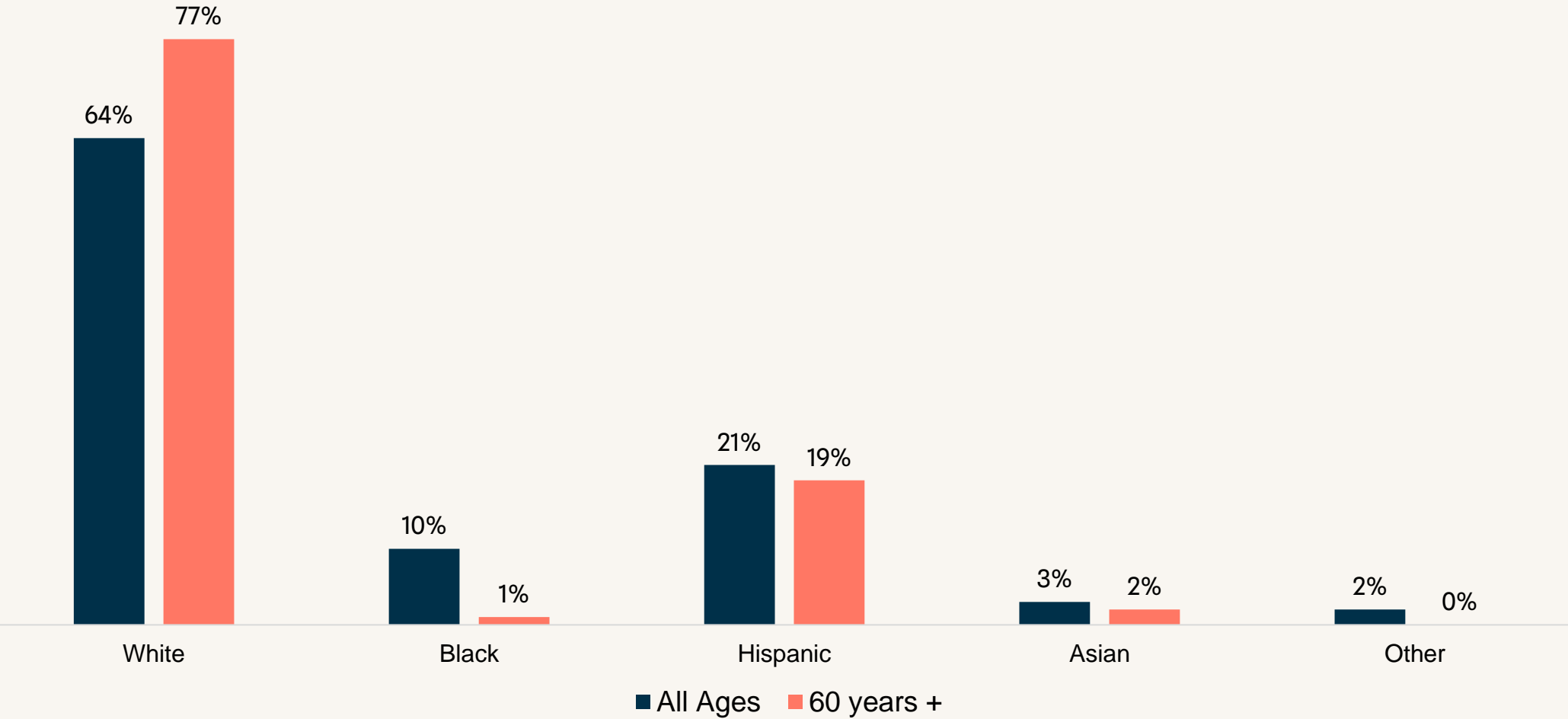
60+ Years



Broward County has similar rates of death by suicide for older age groups compared to national data



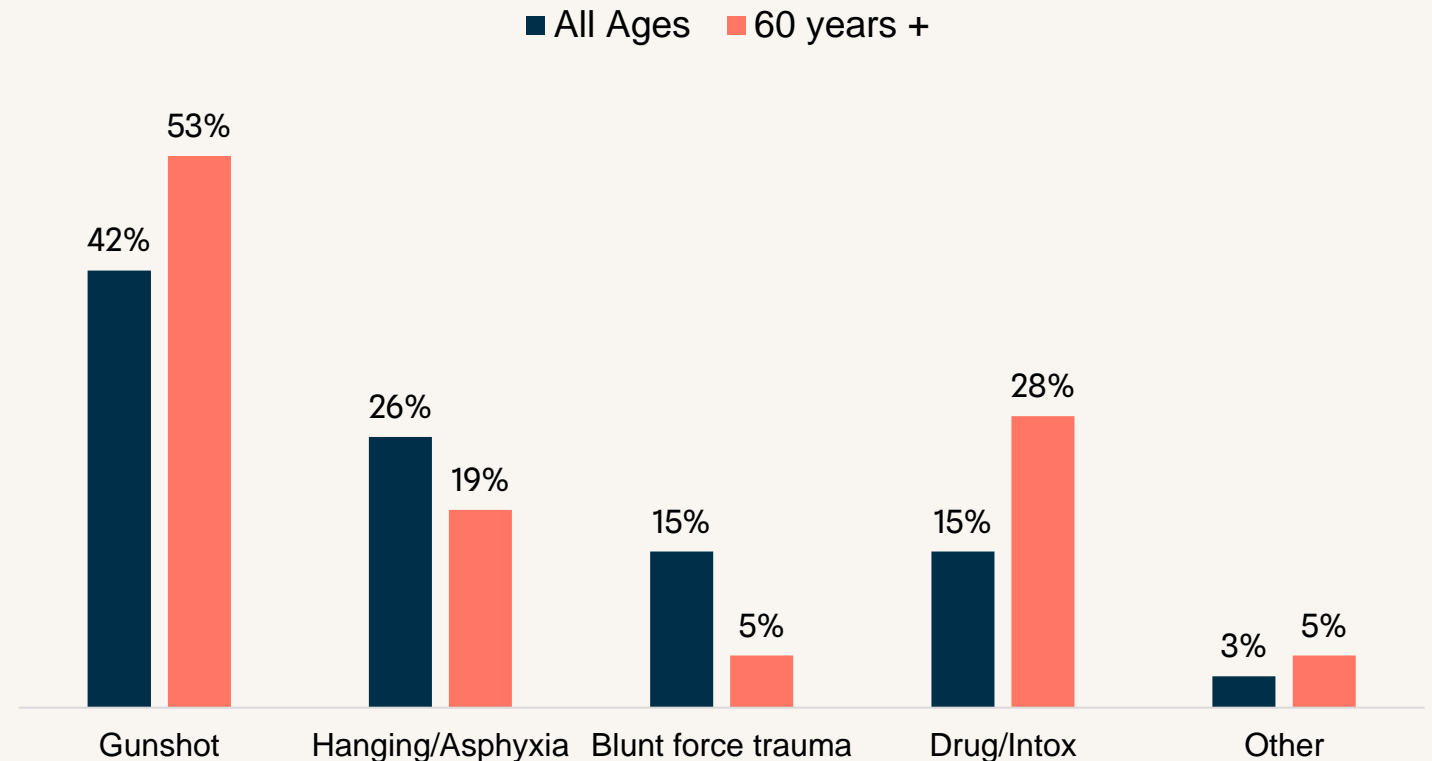
Deaths by Suicide for Race/Ethnicity for adults 60 years and older, 2022



Method of Suicide and Age Comparison

- ▶ Higher proportions for gun with similar decrease
- ▶ Higher proportions for drug/poisoning/intoxication

Deaths by Method of Suicide Completion for Adults 60 years and older and all ages, 2022



Next Steps

Data for January-June 2023

Town Hall presentation and feedback



THANK YOU



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