

# Data Workgroup Updates

## Suicide Completion Data Overview

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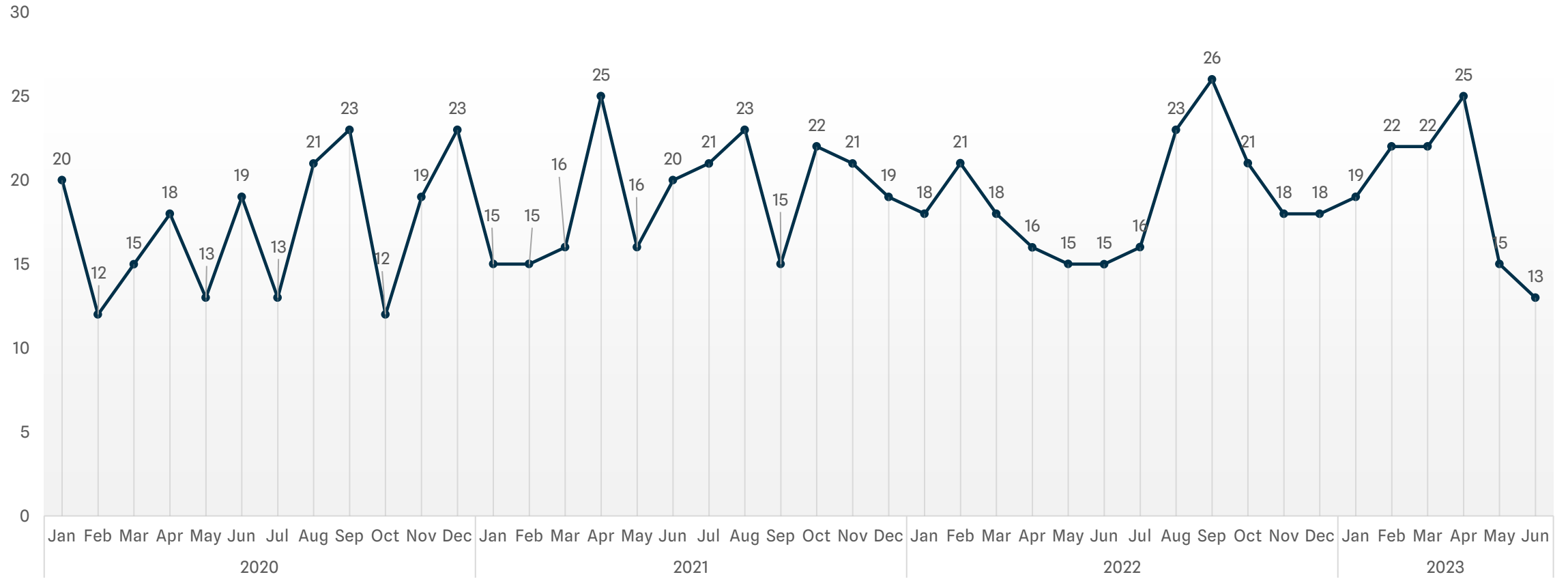
Friday, September 22, 2023

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# Acknowledgements



### Suicide Completions: By Month Across 2020 - June 2023



**2020: 208**

**2021: 228**

**2022: 225**

**2023: 116**



# Suicide Completion by Mode based on zip code differential (June '22-June '23)

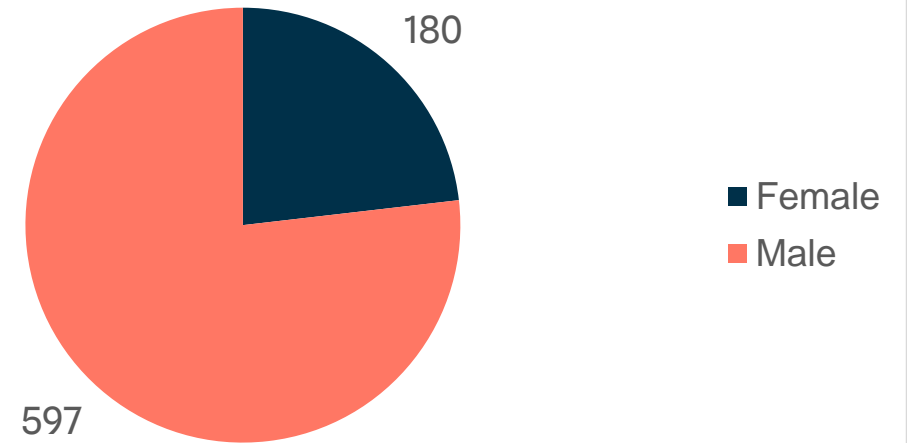
Method	Completed in Home Zip Code	Completed in Different Zip Code
<b>All Completions</b>	<b>60.0% (153)</b>	<b>40.0% (100)</b>
Blunt force trauma	30.0% (11)	70.0% (26)
Drug/Substance Intoxication	52.2% (12)	47.8% (11)
Gunshot	66.0% (83)	34.0% (42)
Hanging/Asphyxia	68.0% (39)	32.0% (18)
Other	57.1% (4)	42.9% (3)



# Gender

- ▶ Has not changed much over time (same proportion for last three years)
  - ▶ 77% Male; 23% Female
- ▶ Consistent with national data
  - ▶ (80% Male; 20% Female)

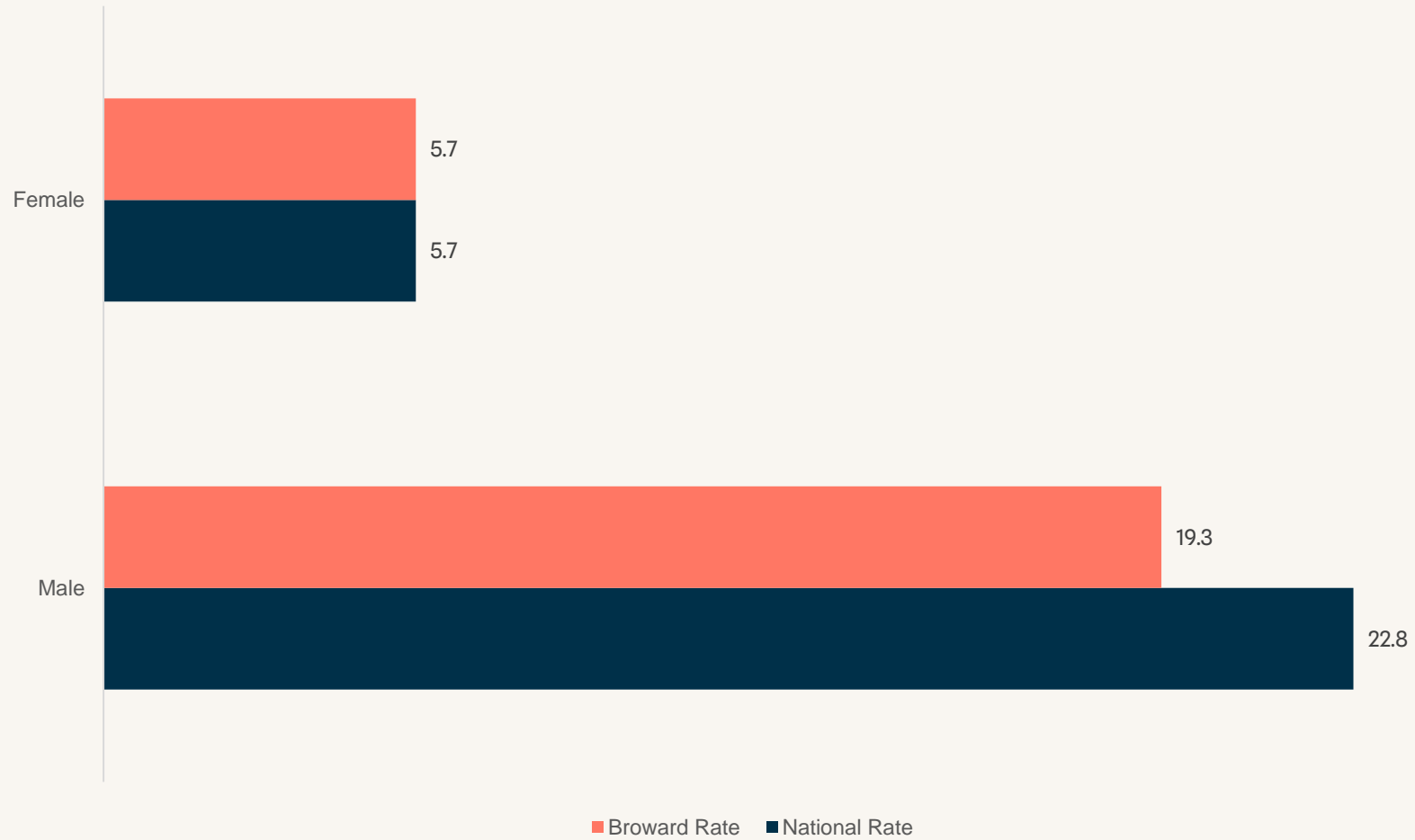
Suicides by Gender 2020 - June 2023



	<b>By Gender</b>	<b>Percent</b>
Female	180	23.2%
Male	597	76.8%
<b>Total</b>	<b>777</b>	



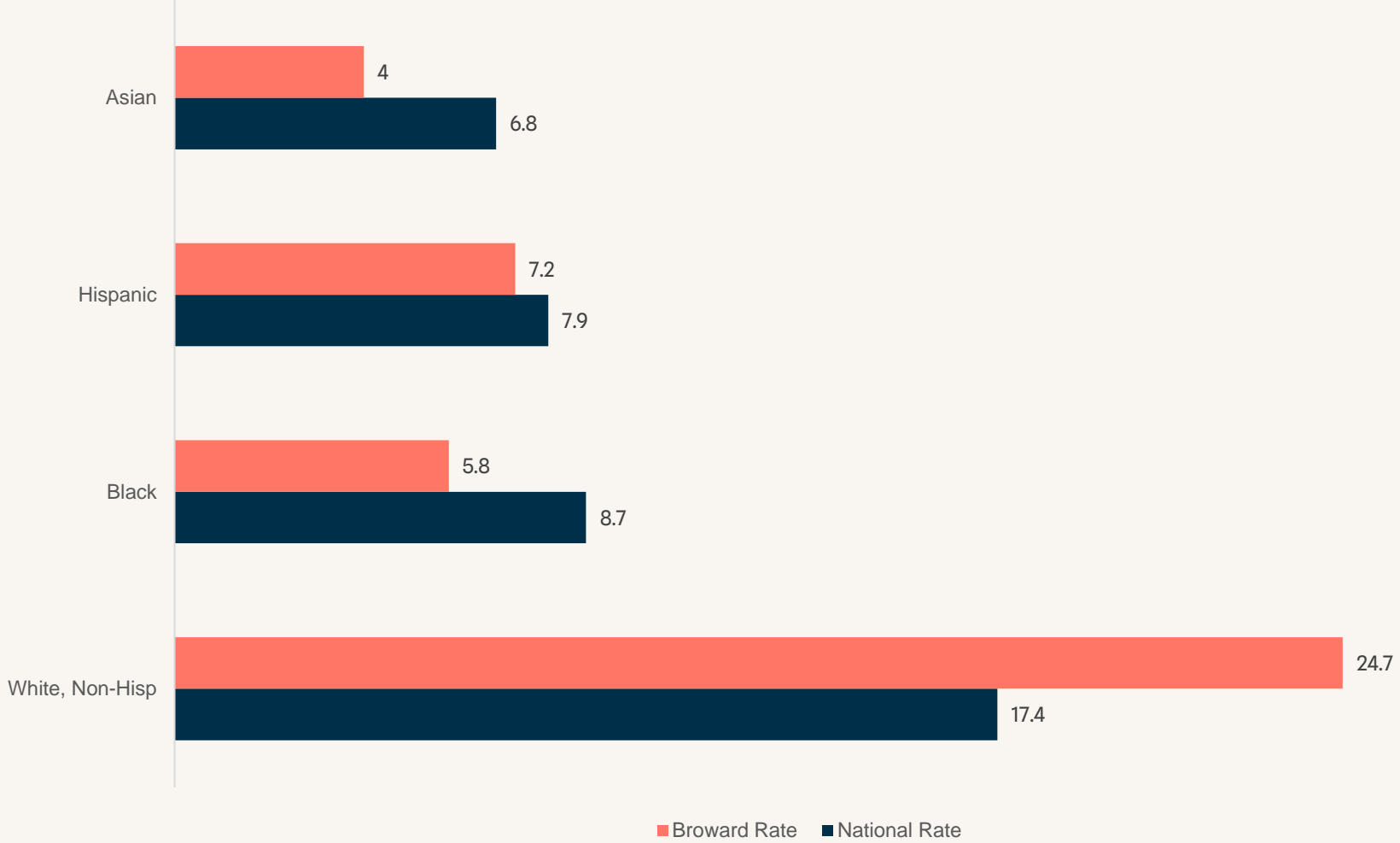
### Broward County has a lower gender-adjusted rate of suicide for males compared to national data, 2022-23



**Deaths per 100,000**  
**June 2022-May 2023**



Race/Ethnicity adjusted suicide rates per 100,000



Deaths per 100,000

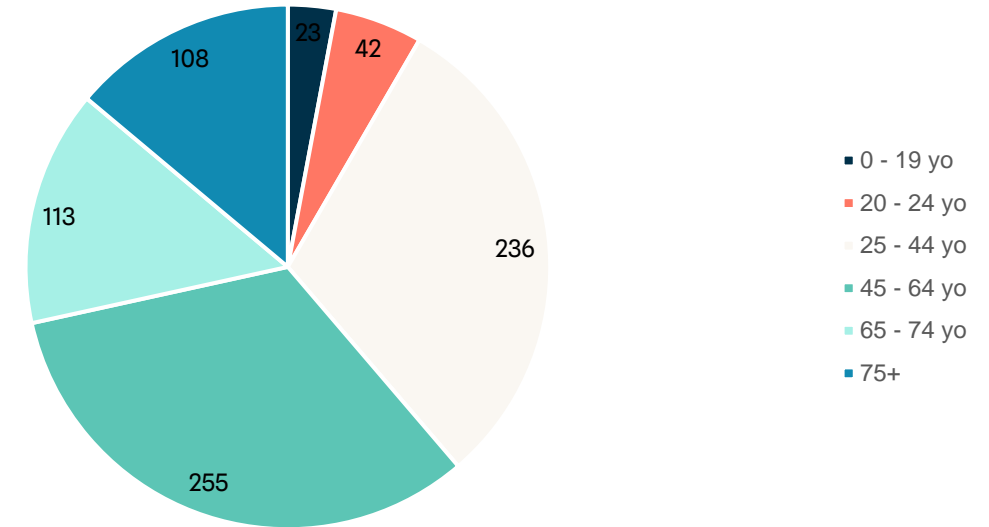
June 2022-May 2023



# Suicide Completion by Age

- ▶ Youth <18 years make up 1.6% of deaths by suicide (2 in 2023)
- ▶ Slight increase in percentage of total suicides from 75+
  - ▶ 11% of total in 2021-2022
  - ▶ 16% in 2023

Suicides by Age 2020 - June 2023



Age Category	Count	Percent
0 - 19 yo	23	3.0%
20 - 24 yo	42	5.4%
25 - 44 yo	236	30.4%
45 - 64 yo	255	32.8%
65 - 74 yo	113	14.5%
75+	108	13.9%
<b>Total</b>	<b>777</b>	





# A Closer Look by Age

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18-25-year-olds

65+ year olds



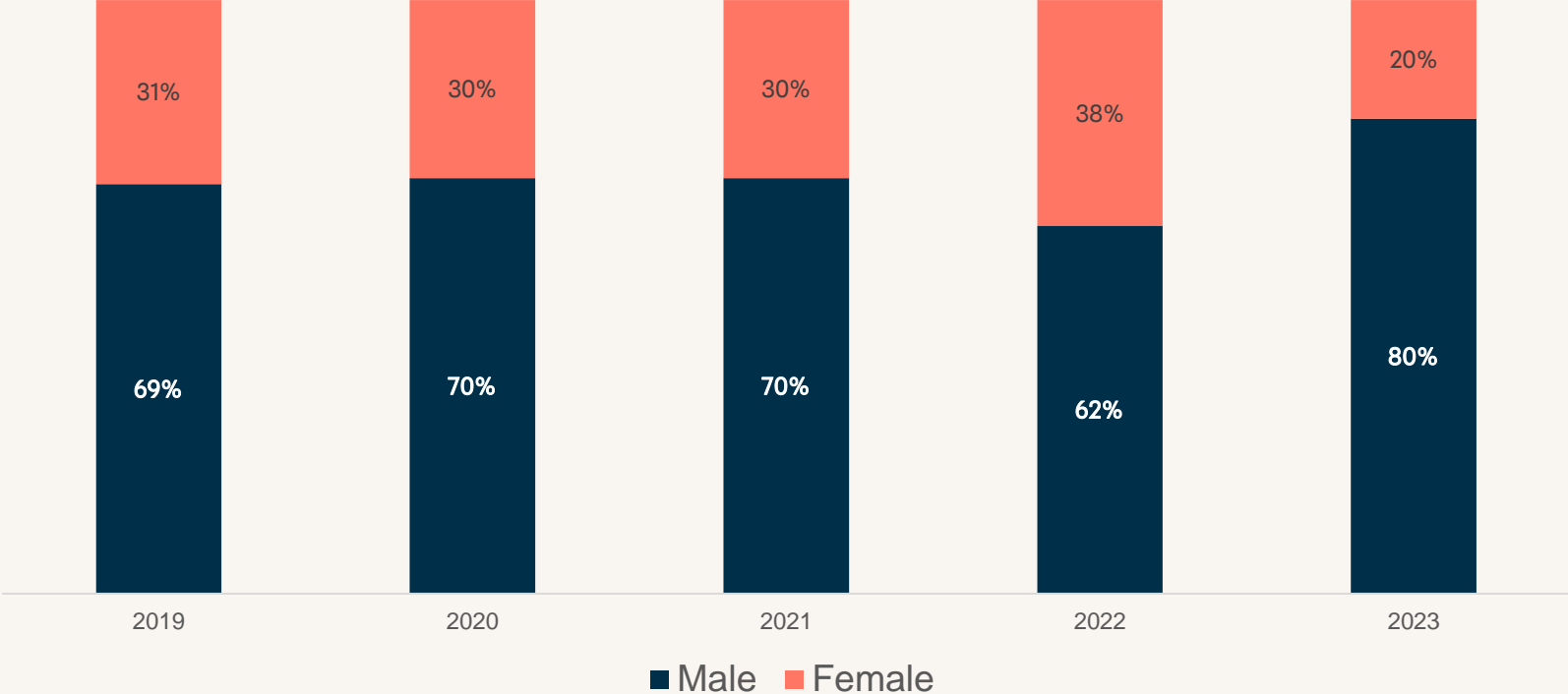
# Youth Suicide Completion over time

	2019	2020	2021	2022	2023
Number of suicides for 18–25-year-olds	13	10	20	21	10
Percentage of annual deaths by suicide	6%	5%	9%	9%	8.6%

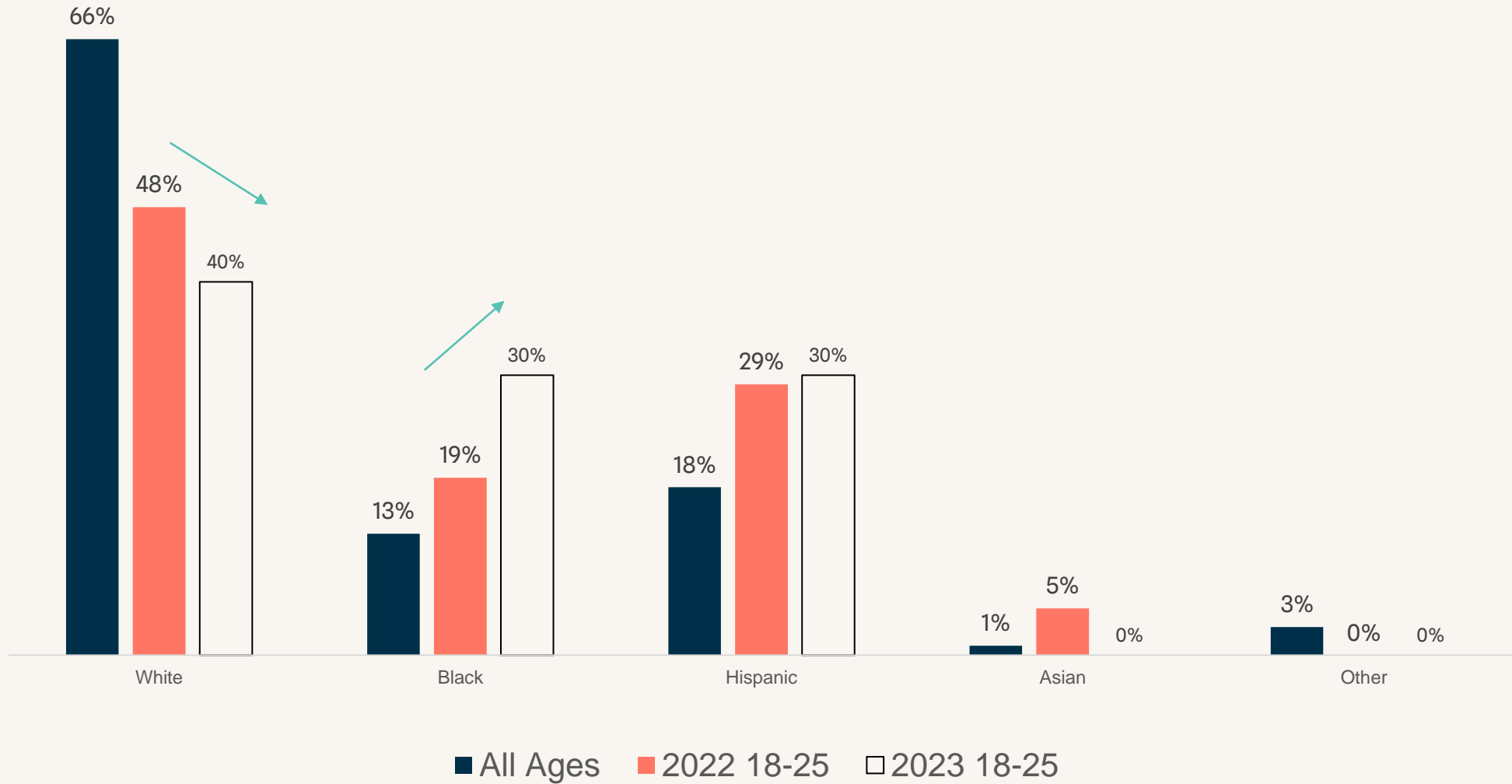


# Deaths by Suicide for Gender 2019-2023 among 18-25 year-olds

- Proportional deaths for females decreased from 2022-2023 (first 6 months)
- 10 individuals total



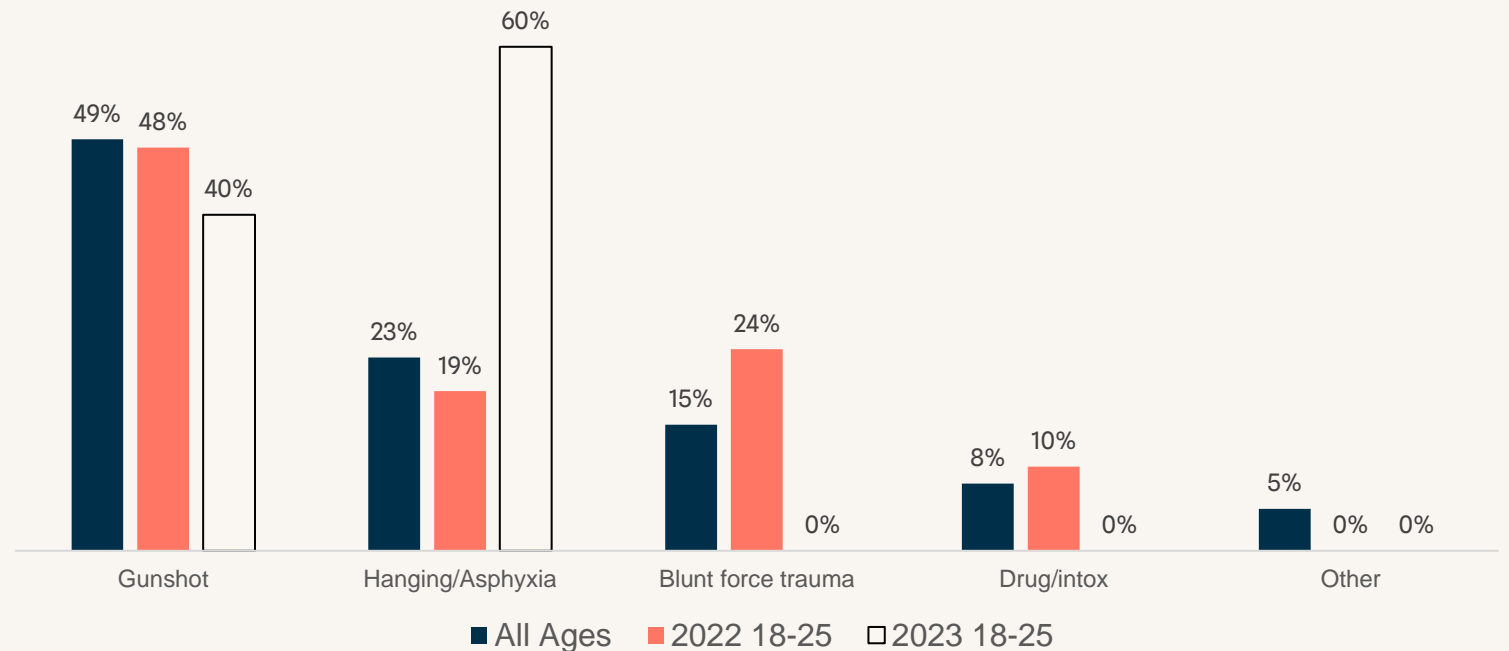
# Deaths by Suicide for Race/Ethnicity for 2022-2023



# Method of Suicide and Age Comparison

- ▶ Why the decrease in deaths by gun when 2023 saw an initial increase?
- ▶ Why the large proportion of deaths by asphyxia when previous years were steady?
- ▶ No blunt force trauma deaths.

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



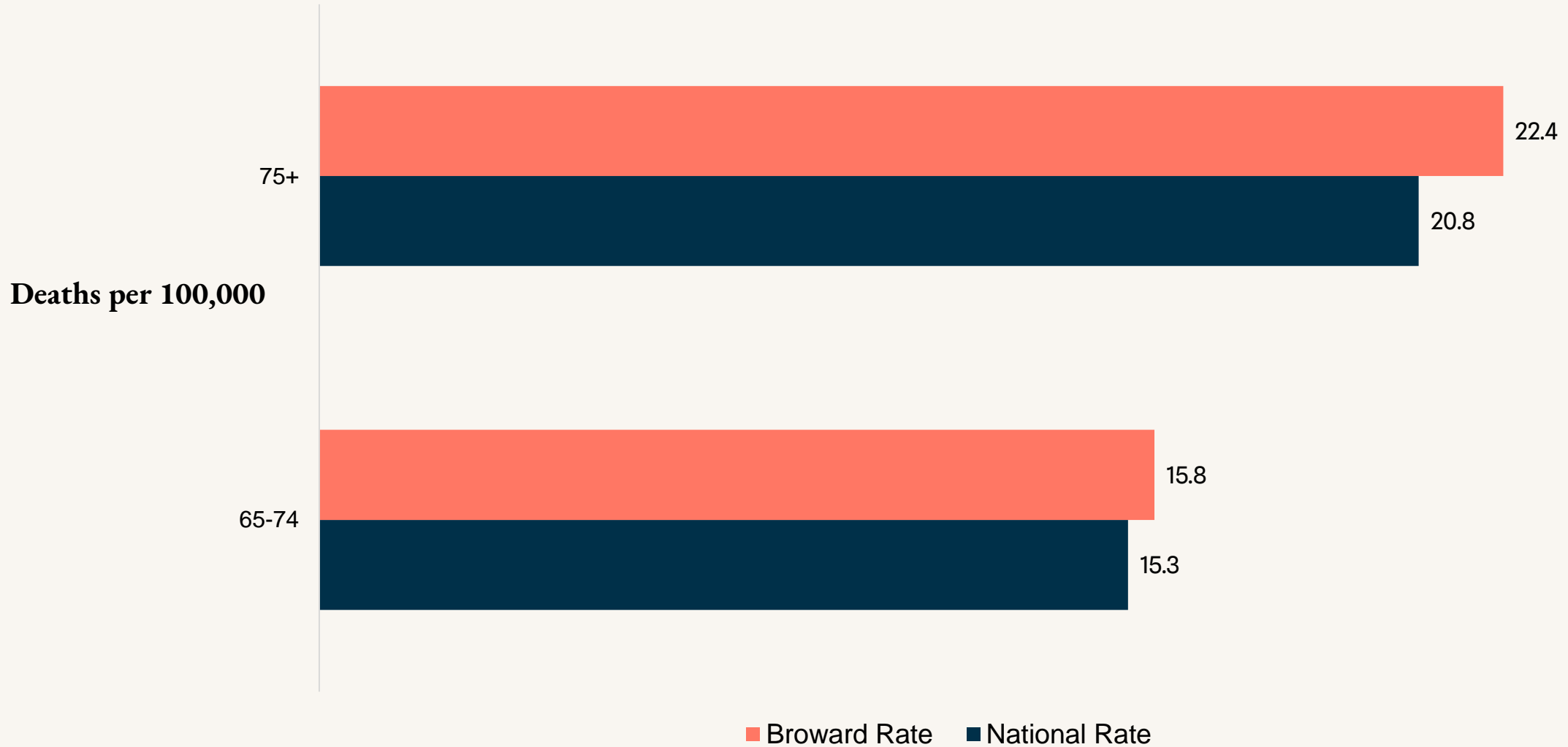
# DEEP DIVE BY AGES

## 65+ Years

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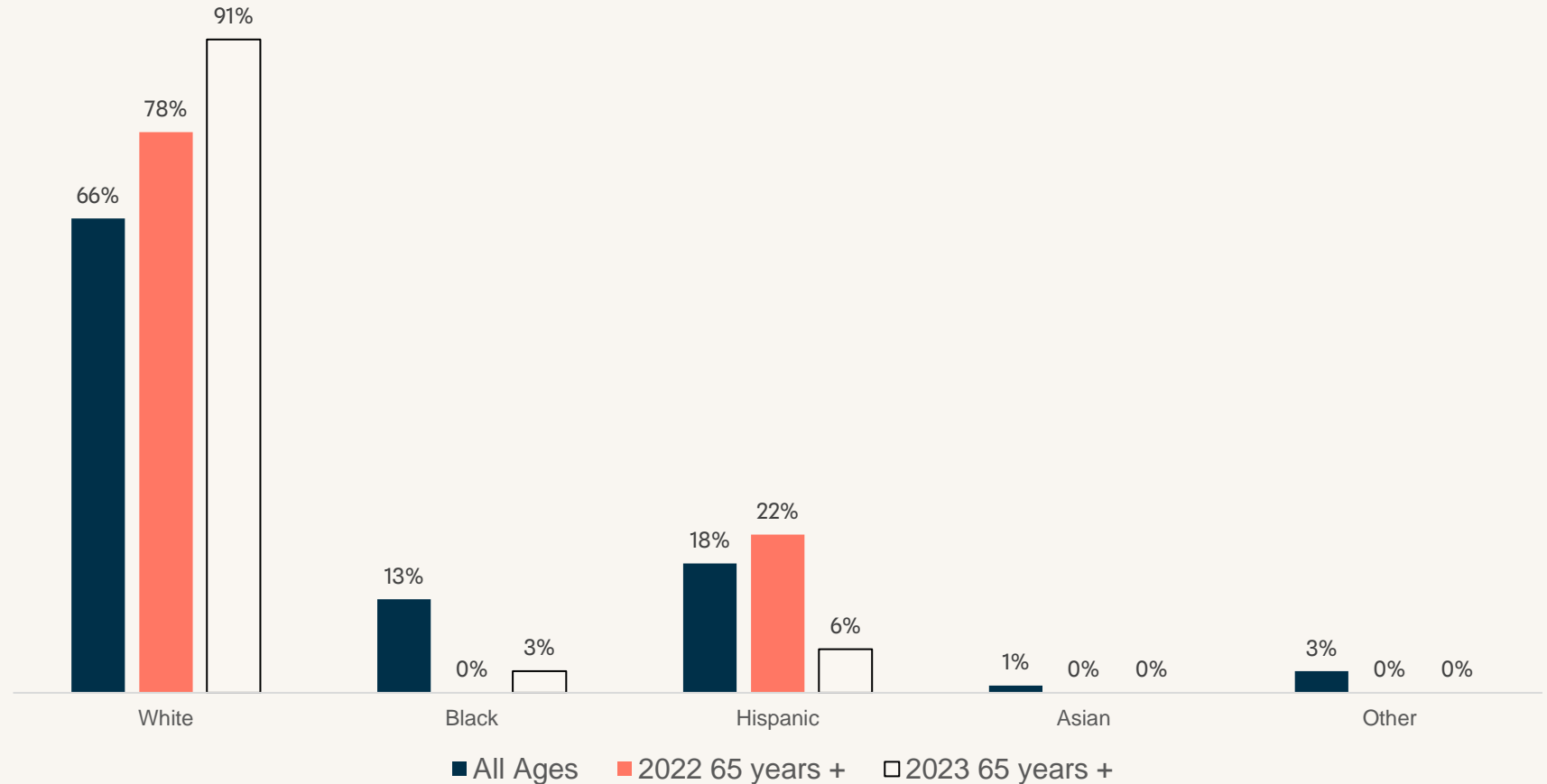
## Broward County has similar rates of death by suicide for older age groups compared to national data



## Deaths by Suicide by Race/Ethnicity for Adults 65 Years and Older

Death by suicide among younger adults is increasing among racial/ethnic minorities, it mainly affects white families for adults 65 years and older.

In 2022, 25 individuals 75+ died by suicide. There are already 18 deaths for this group.

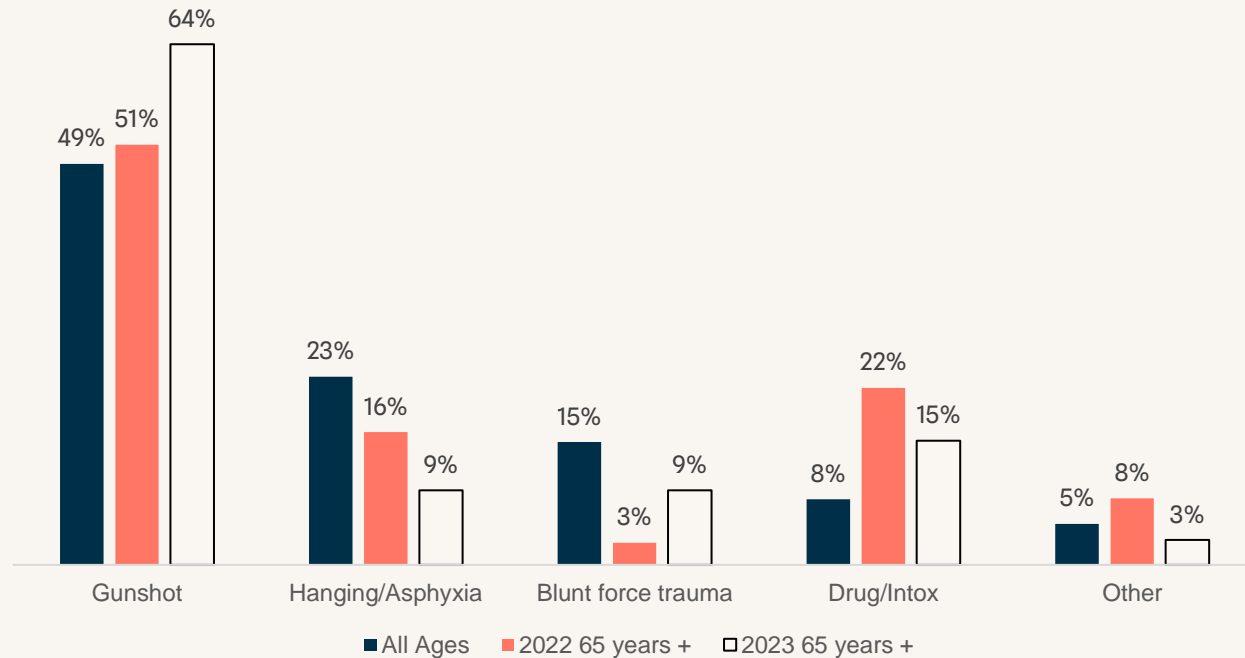




# Method of Suicide and Age Comparison

- ▶ Deaths by gunshot increased (opposite for young adults)
- ▶ Similar trend increase for total deaths by gunshot for 2023

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



# THANK YOU



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