

# NJ Emergency Medical Services (EMS)/Law Enforcement (LE) Naloxone Incidents Trends and Demographics, 2019-2023

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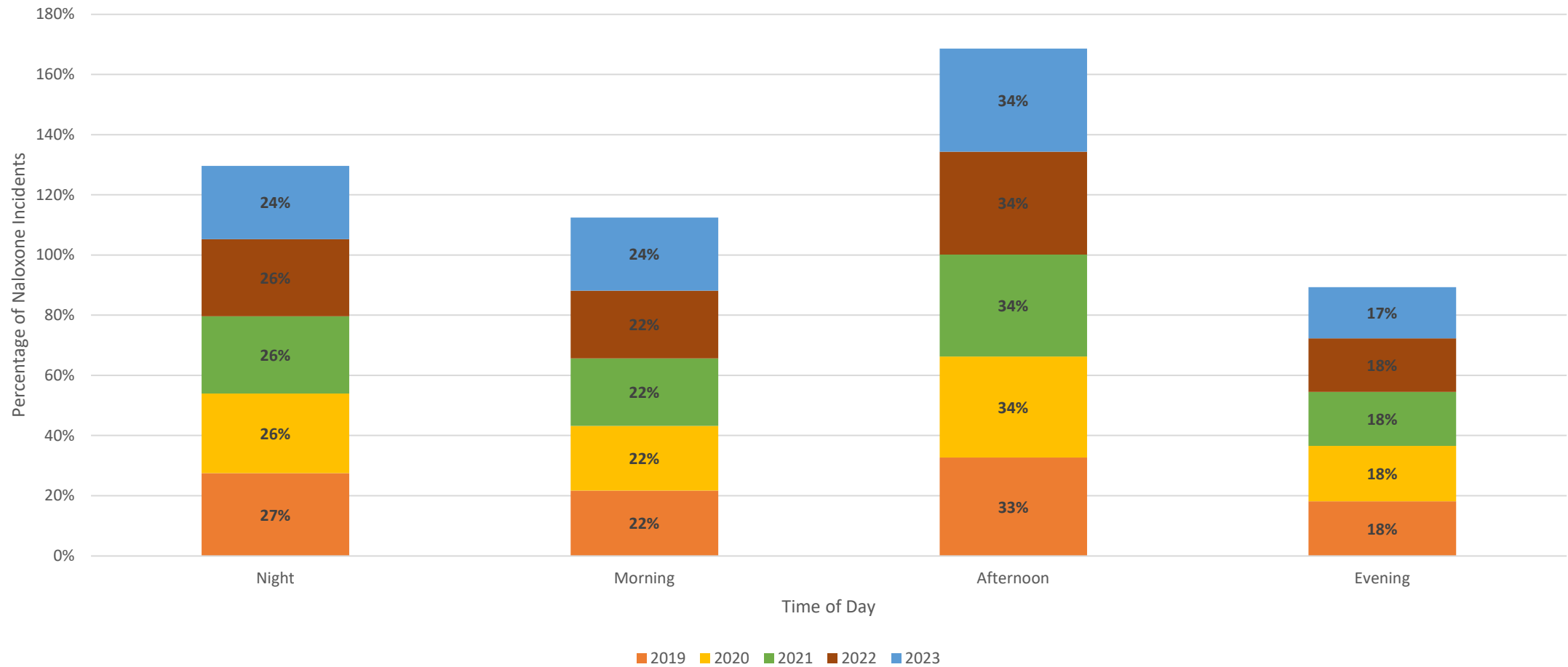
# Introduction

- With overdoses claiming over 3,000 lives in New Jersey (NJ) in 2022, innovative strategies and data resources are needed to curb the overdose epidemic.
- Emergency Medical Services (EMS) personnel and law enforcement (LE) officers are often the first to respond to an opioid overdose incident.
- Records from these encounters provide local data on suspected opioid overdoses in NJ that are essential for overdose surveillance and prevention.

# Methodology

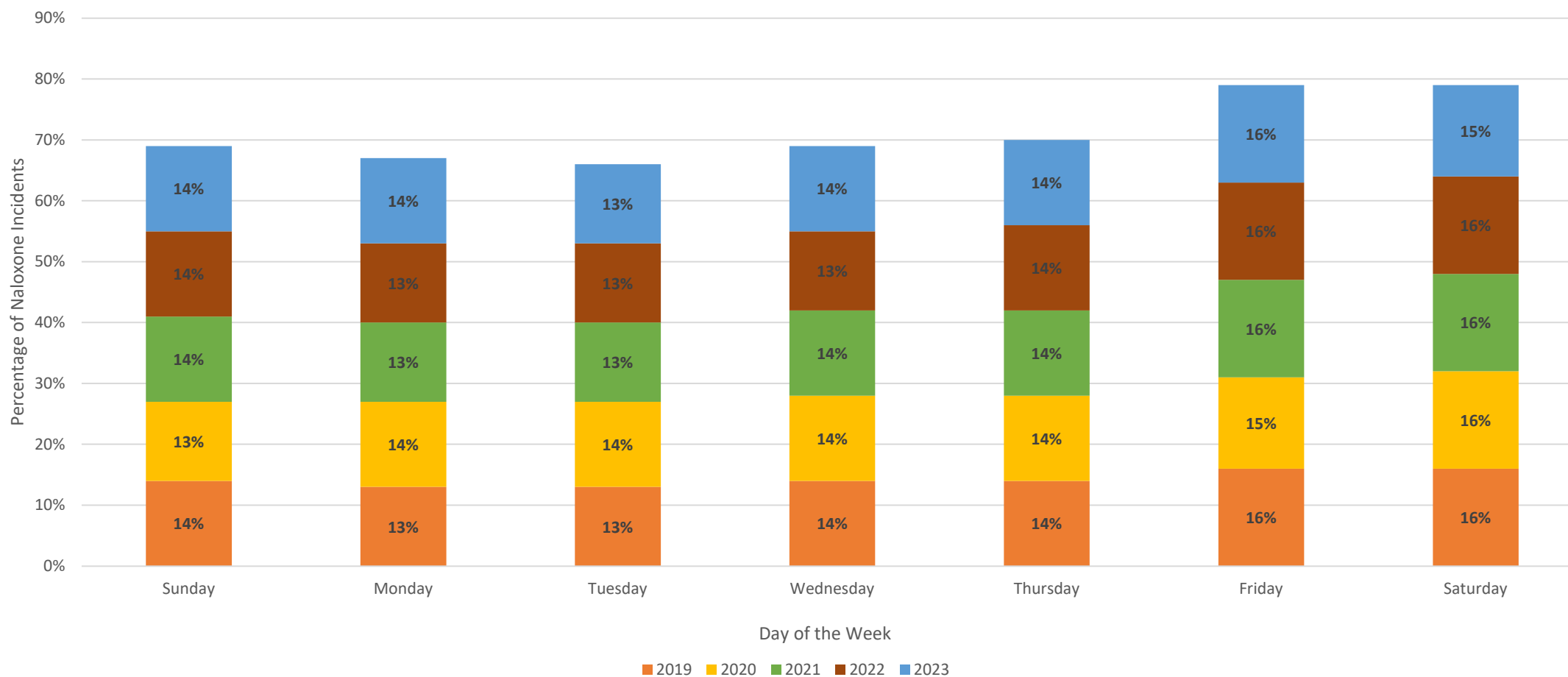
- NJDOH analyzed 67,885 EMS and LE naloxone incidents in New Jersey that occurred between January 1, 2019 to December 31, 2023.
- A naloxone incident is defined as a patient who received at least one dose of naloxone in one encounter by EMS or LE. Naloxone incidents were used as a proxy to measure suspected opioid overdoses.

# Percentage of EMS/LE Naloxone Incidents by Time of Day, 2019-2023

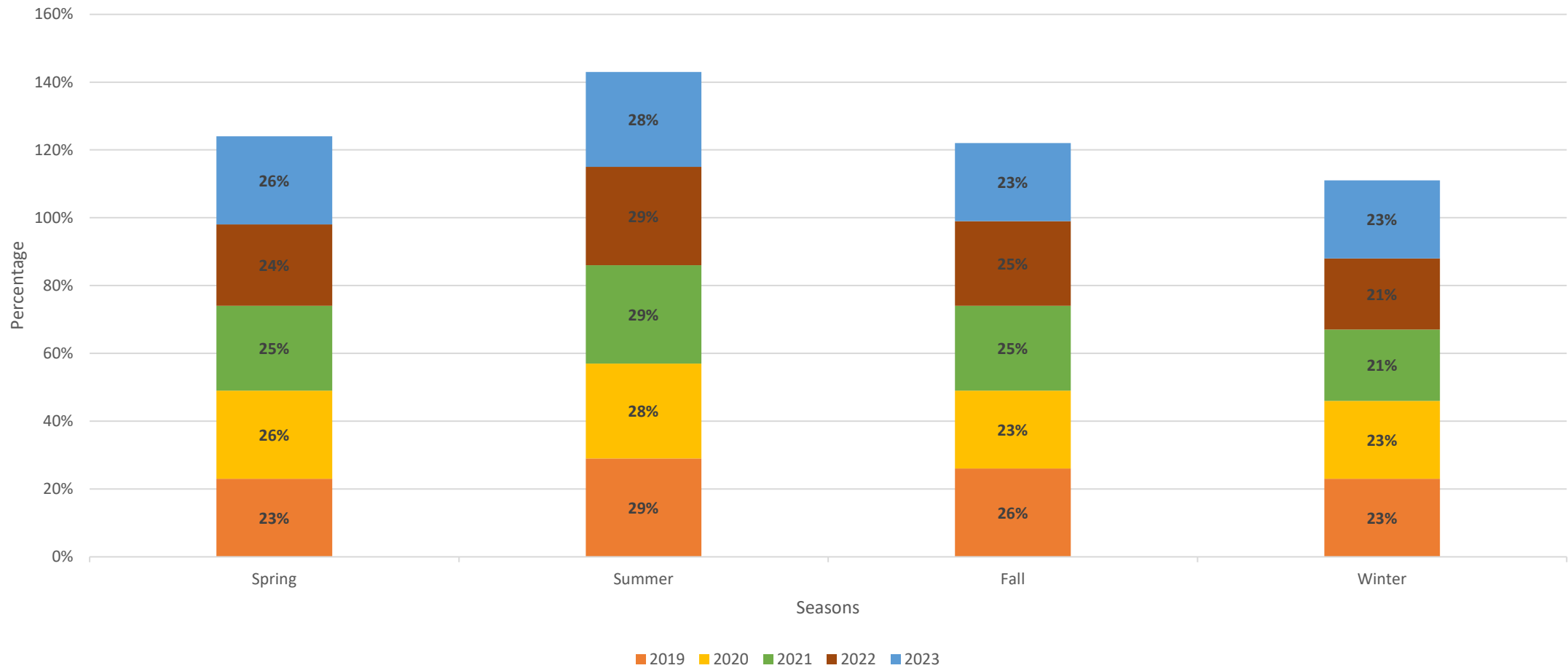


**Note: Hour of the day is defined as the following: Morning – 4:00 AM to 11:59 PM; Afternoon - 12:00 PM to 4:59 PM; Evening – 5:00 PM to 8:59 PM, and Night – 9:00 PM and 3:59 AM.**

# Percentage of EMS/LE Naloxone Incidents by Day of the Week, 2019-2023

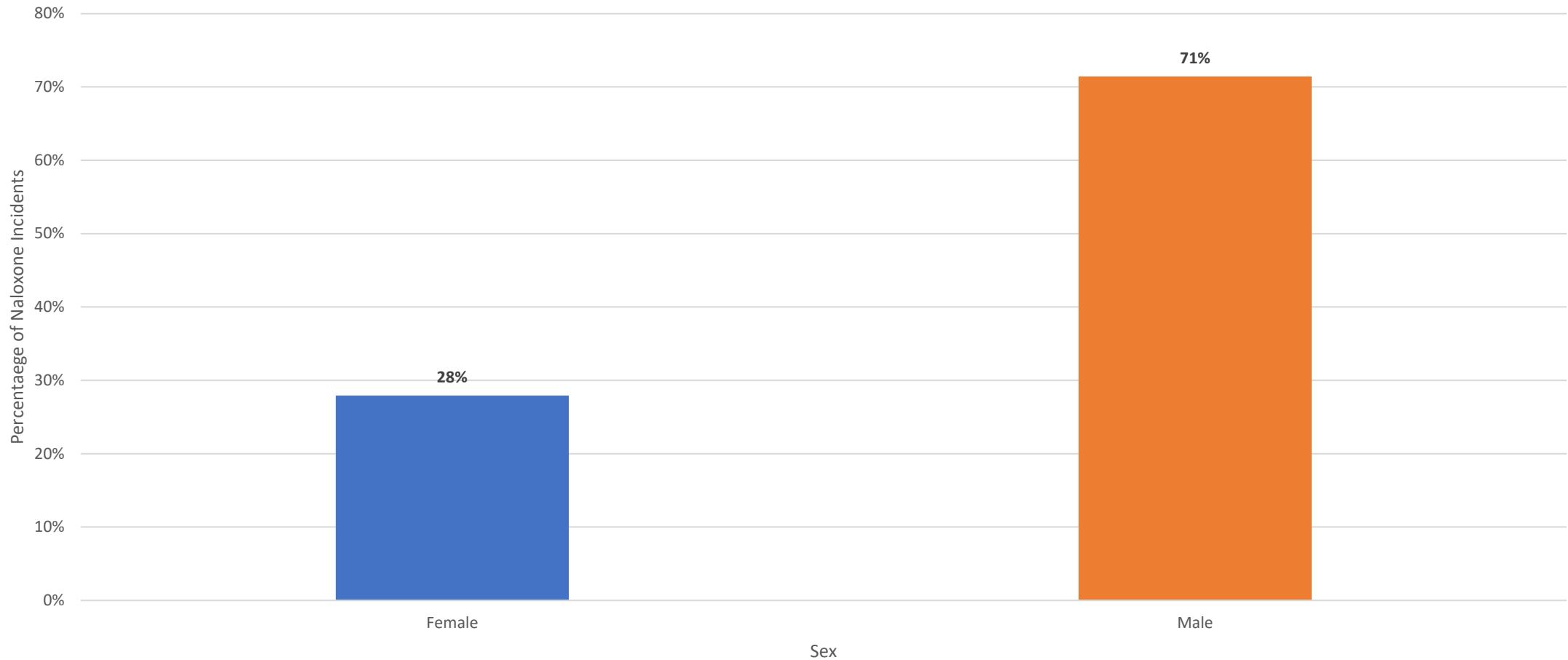


# Percentage of EMS/LE Naloxone Incidents by Seasons in New Jersey, 2019-2023



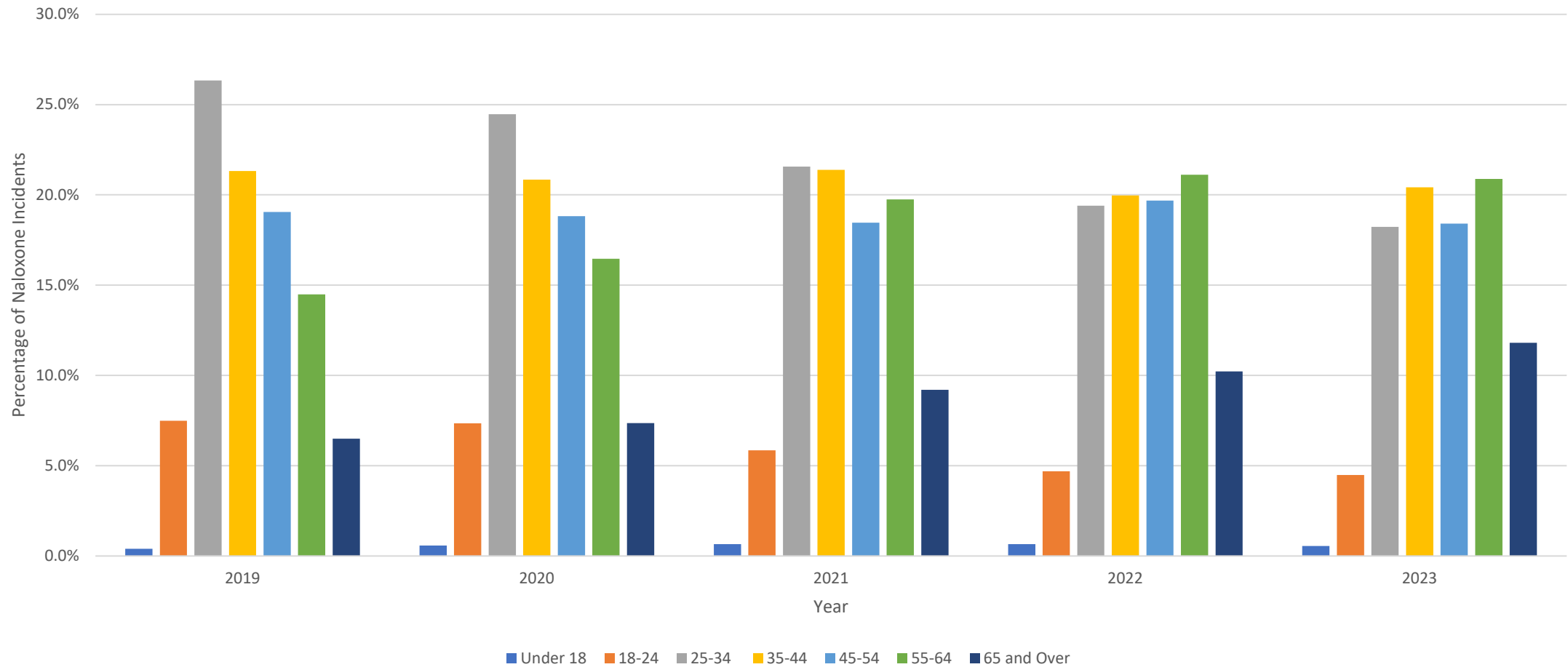
**Note: The seasons are defined as the following: Fall (September, October, November); Winter (December, January, February); Spring (March, April, May), and Summer (June, July, August).**

# Percentage of Naloxone Incidents by Sex in New Jersey, 2019-2023



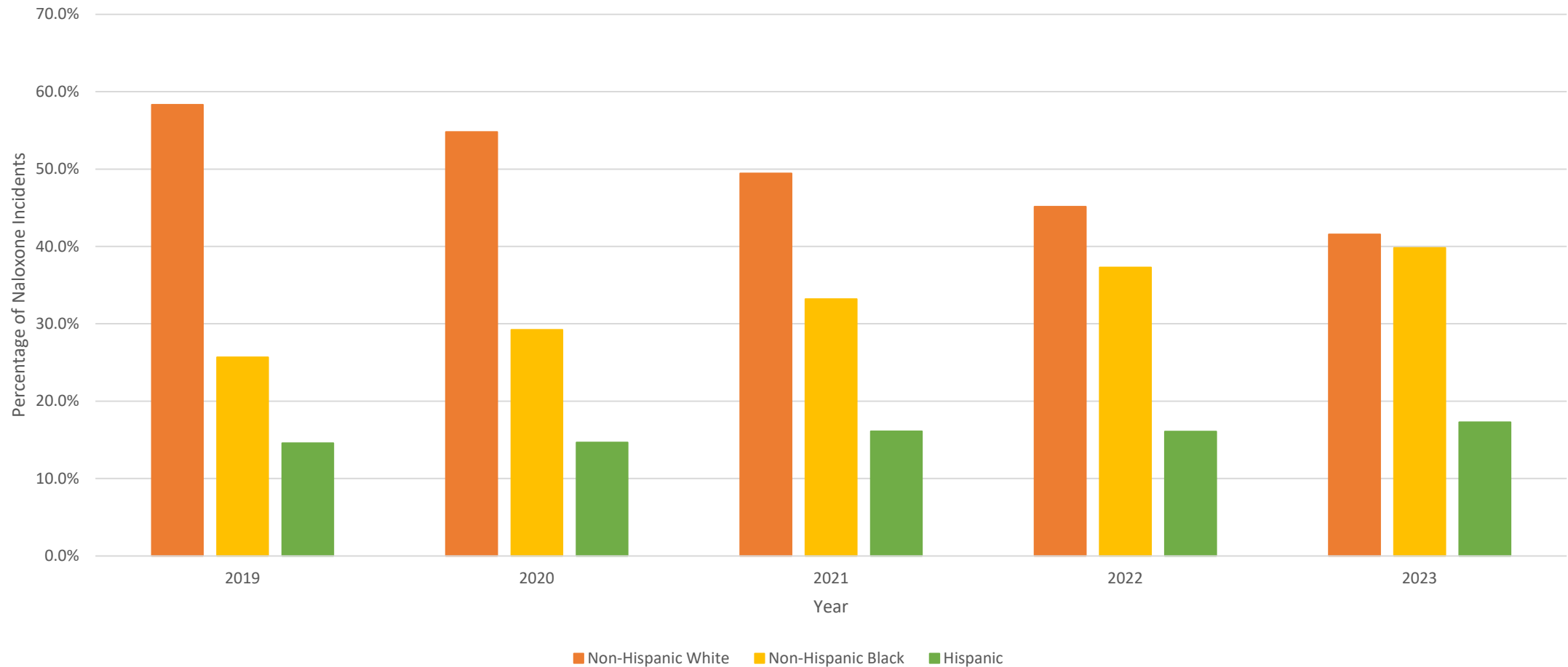
*Note: Percentages may not add up to 100% per year since the percentage of the Unknown was not added to the chart. The group made up less than 1% in total.*

# Percentage of EMS/LE Naloxone Incidents by Age Categories in New Jersey, 2019-2023





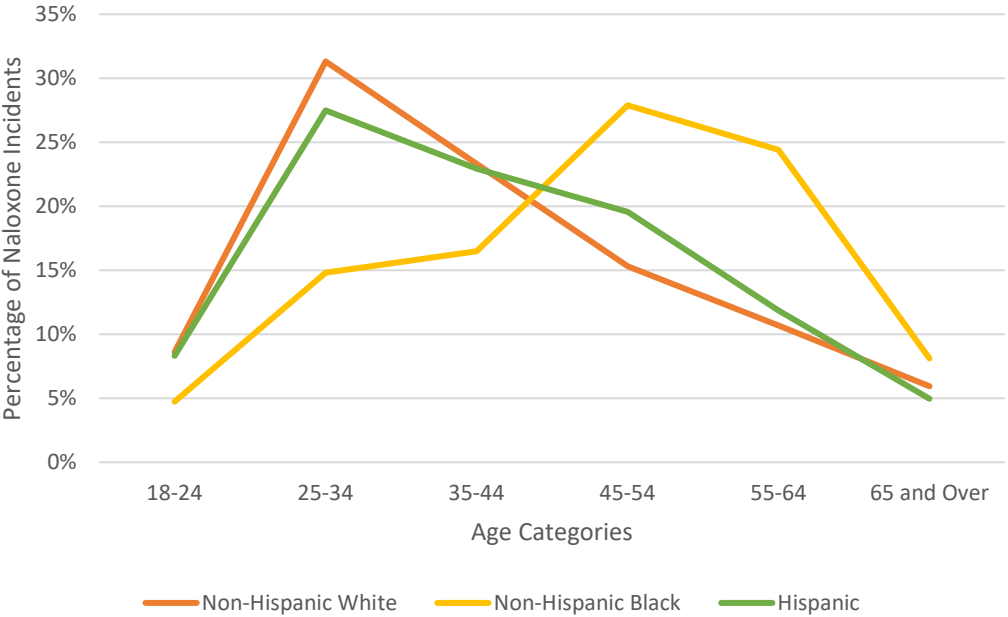
# Percentage of EMS/LE Naloxone Incidents by Race, 2019-2023



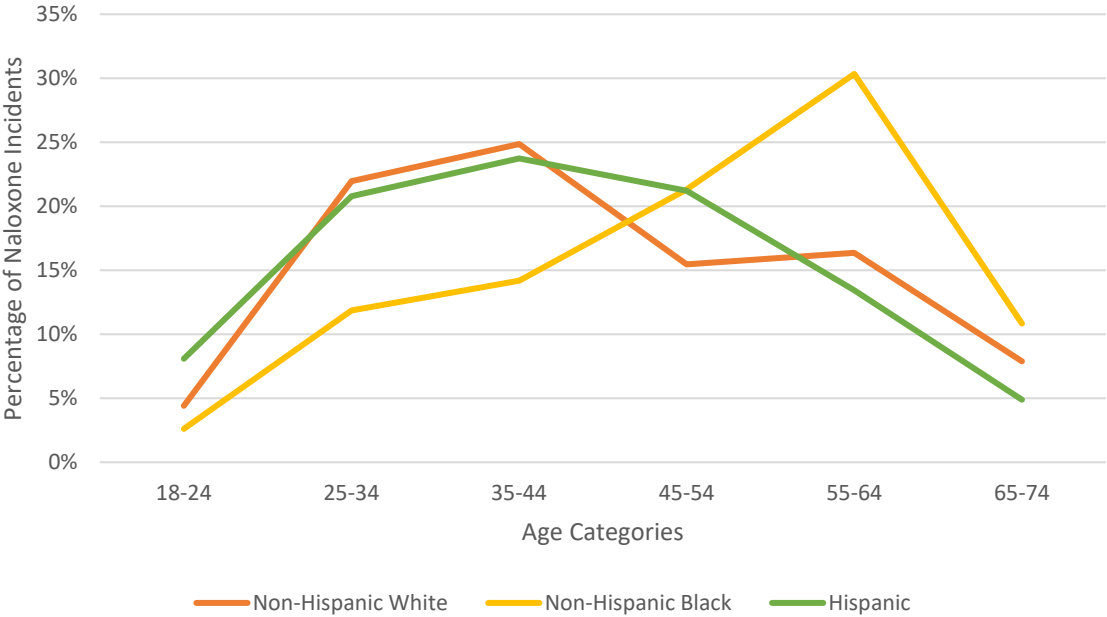
**Note: Non-Hispanic Asian and Other were excluded from this graph. Combined, both groups made up less than 2% in any given year.**

# Comparison of EMS/LE Naloxone Incidents by Age and Race, 2019 and 2023

Percentage of EMS/LE Naloxone Incidents by Age and Race in New Jersey, 2019

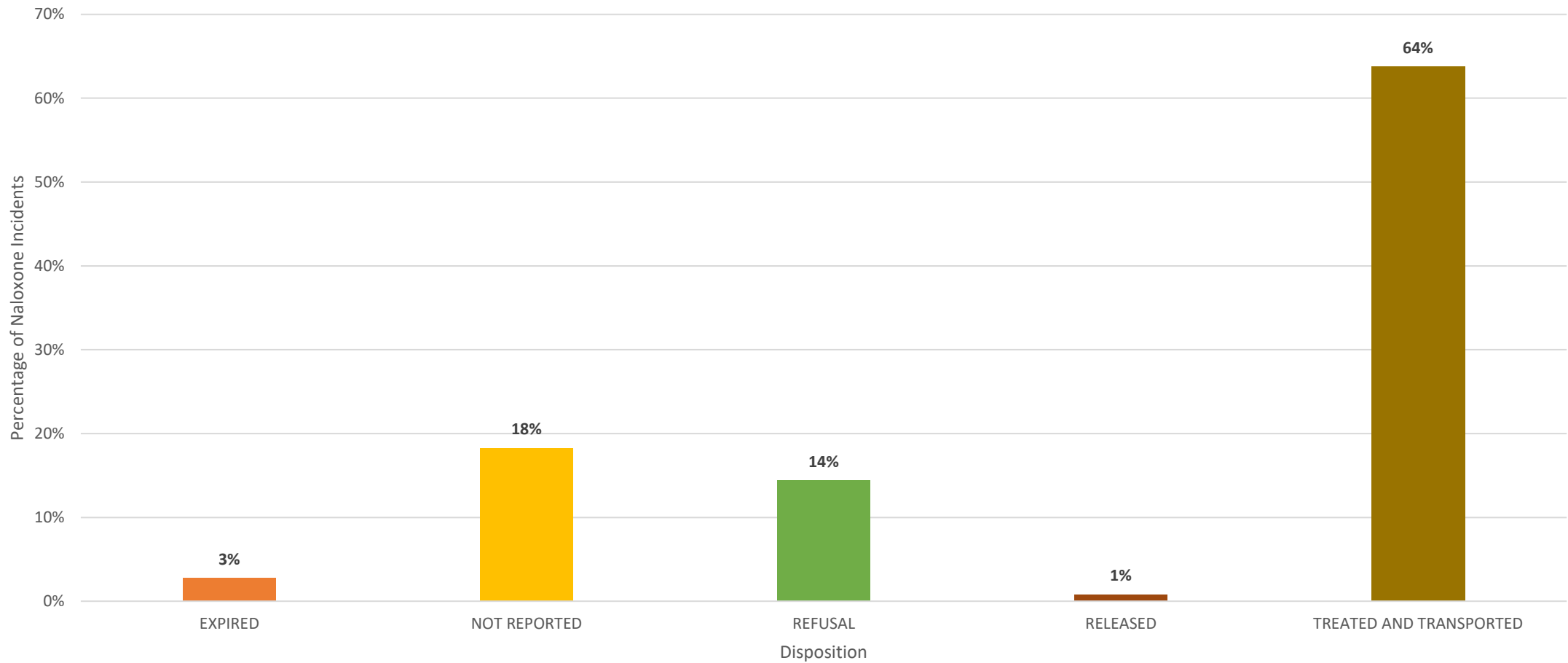


Percentage of EMS/LE Naloxone Incidents by Age and Race in New Jersey, 2023

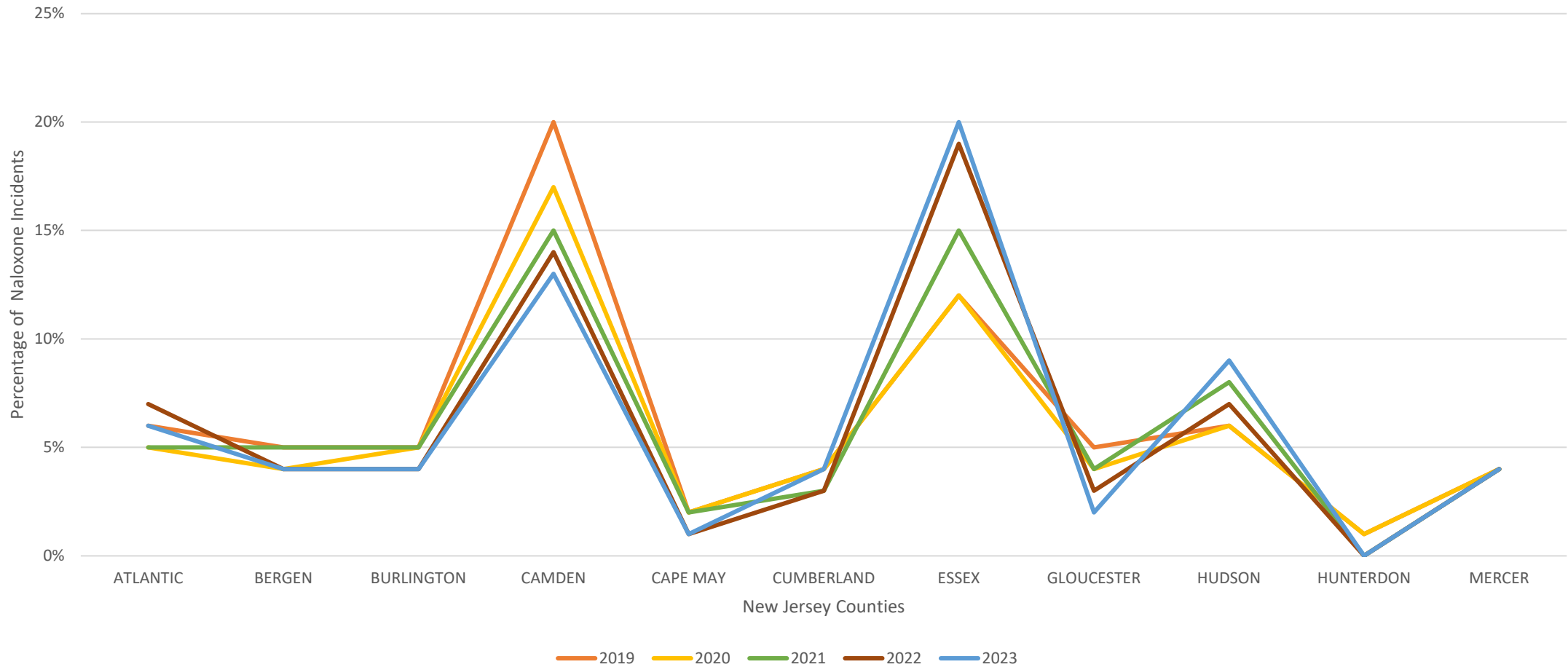


**Note: Percentages may not add up to 100% per year since the percentage of the Under 18 was not added to the chart. The group made up less than 1% in both years.**

# Percentage of EMS/LE Naloxone Incidents by Disposition in New Jersey, 2019-2023

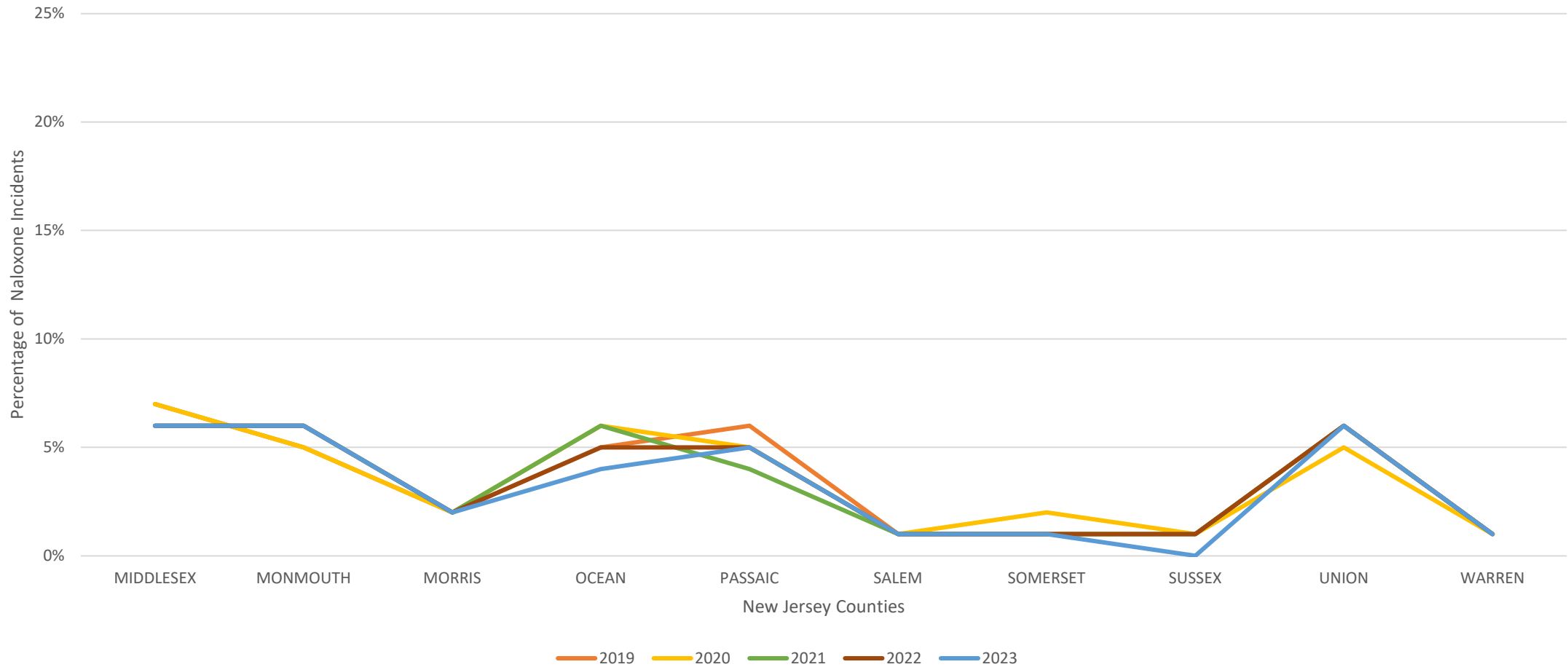


# Percentage of EMS/LE Naloxone Incidents by New Jersey Counties, 2019-2023 (pt1)



**Note: Percentages may not add up to 100% per year since the percentage of the Missing was not added to the chart. The group made up less than 1% each year.**

# Percentage of EMS/LE Naloxone Incidents by New Jersey Counties, 2019-2023 (pt2)



*Note: Percentages may not add up to 100% per year since the percentage of the Missing was not added to the chart. The group made up less than 1% in each year.*

# Thank you!

- Questions?
- Have further questions/comments, please email [Luz.Sandoval@doh.nj.gov](mailto:Luz.Sandoval@doh.nj.gov)