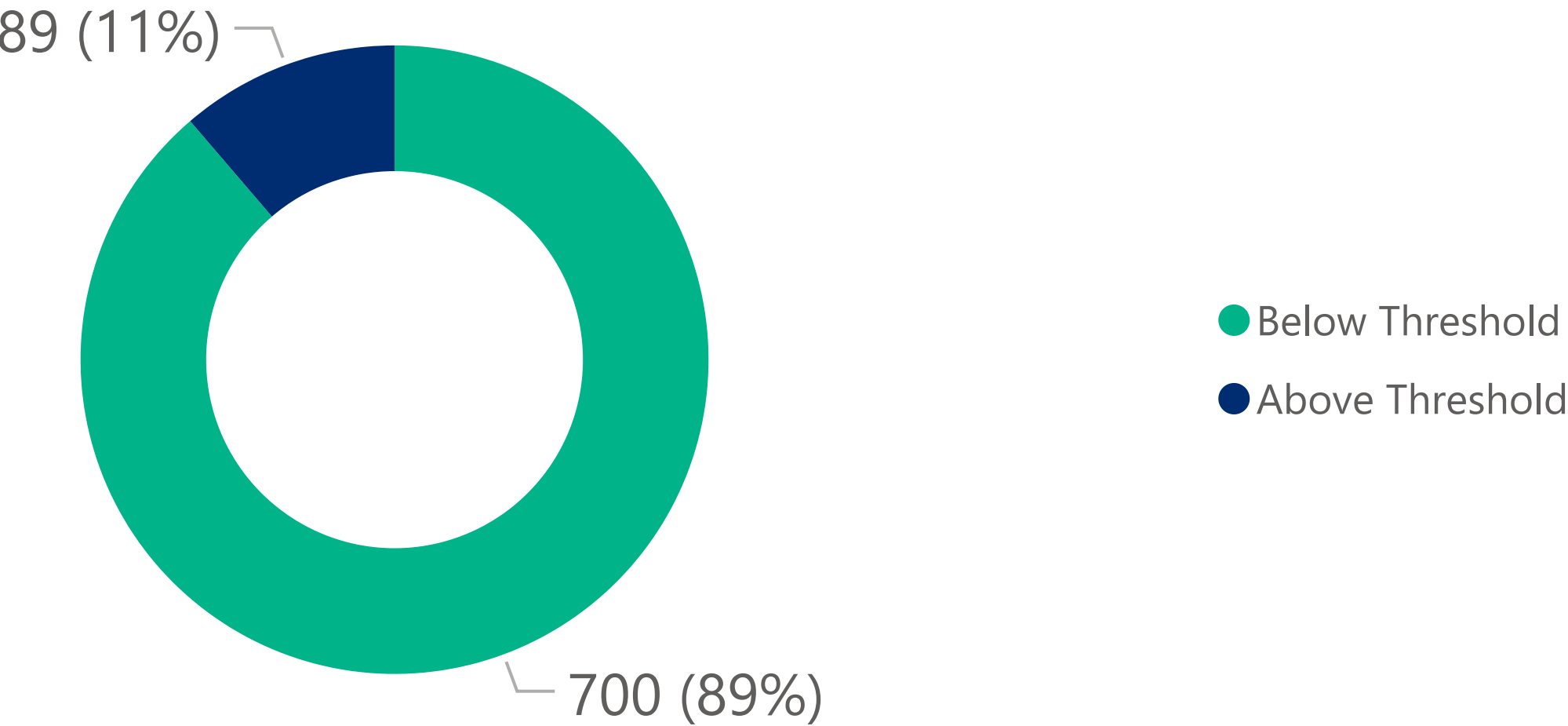


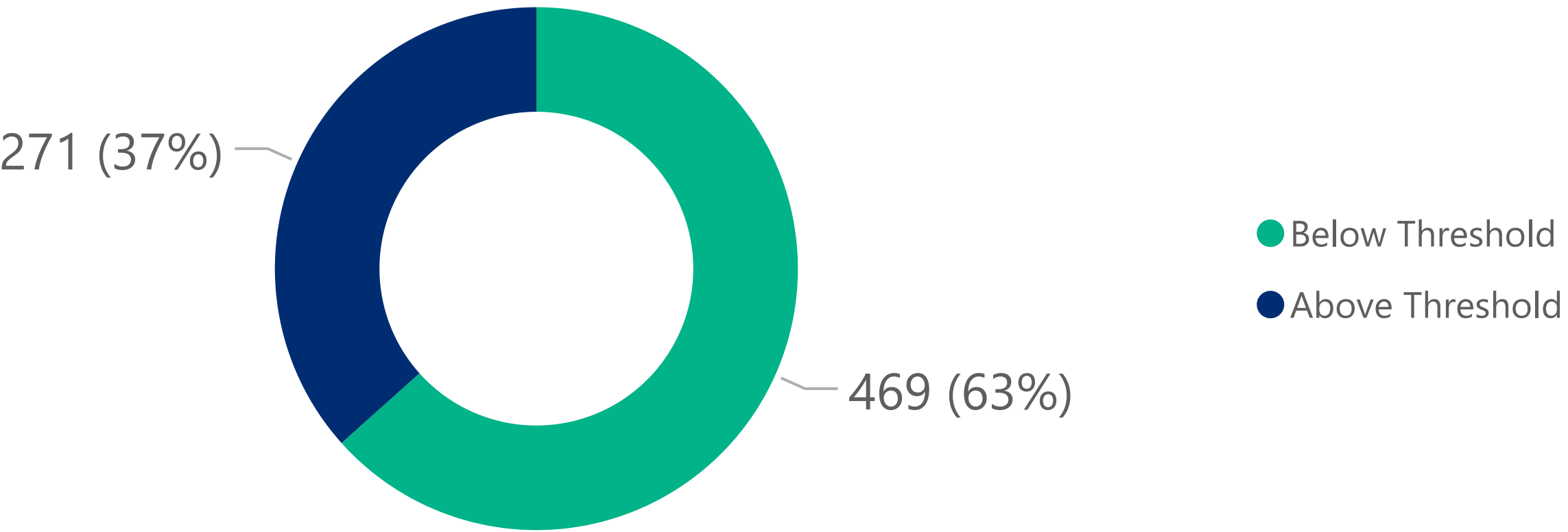
# Voluntary Vessel Speed Reduction Program Participation Summary Report

## Jan 1, 2023-Dec 31, 2023

Voluntary Vessel Participation: 20nm VSR Zone, Avg Speed



Voluntary Vessel Participation: 40nm VSR Zone, Avg Speed



- Vessel activity is reported from Automatic Information System (AIS) Data
- Data reflects commercial ocean going vessels calling at Tenth Avenue Marine Terminal, National City Marine Terminal, and Broadway and B-Street cruise terminal

### Select Year & Quarter for Report

- ☐ Select all
- ▼

☐ 2017
- ▼

☐ 2018
- ▼

☐ 2019
- ▼

☐ 2020
- ▼

☐ 2021
- ▼

☐ 2022
- ▼

☒ 2023
- ▼

☐ 2024

### Participation Threshold Values

Vessel_Type_Simple	Speed Metric	Threshold
Cargo	Avg Speed	12.00
Cruise Ship	Avg Speed	15.00

### Trips without Data

VSR Zone	Missing Data
20	48
40	92

# Voluntary VSR Program Percent Participation by Year

VSR Zone ● 20 ● 40

Speed Metric

■ Avg Speed

□ Max Speed

