

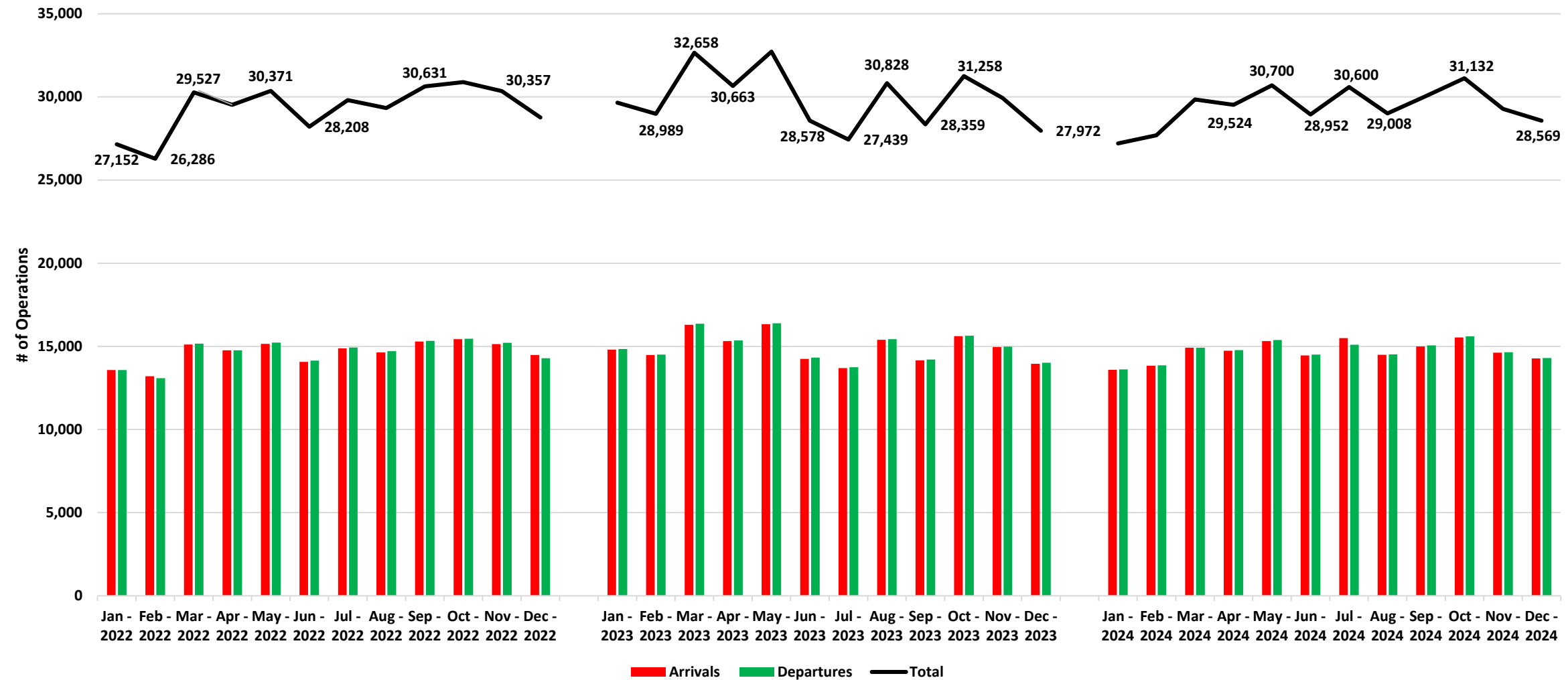
# **LaGuardia Airport (LGA) Operations and Complaints**

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March 26, 2024

# LGA 2022 to 2024 Operations Overview

All Arrivals and Departures: Jan 2022 to Dec 2024



# Factors in Runway Selection

Runway Selection is determined by FAA based on the following criteria (in order of decreasing priority):

- Runway availability
- Prevailing wind and weather patterns
- Operational efficiency
- Community noise concerns

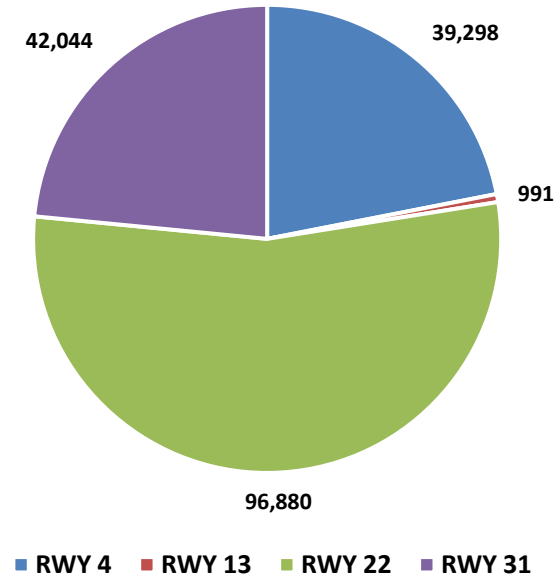
*Flying into the wind provides the greatest margin of safety when landing or departing at any airport*

# Operations By Runway for Past 13 Months

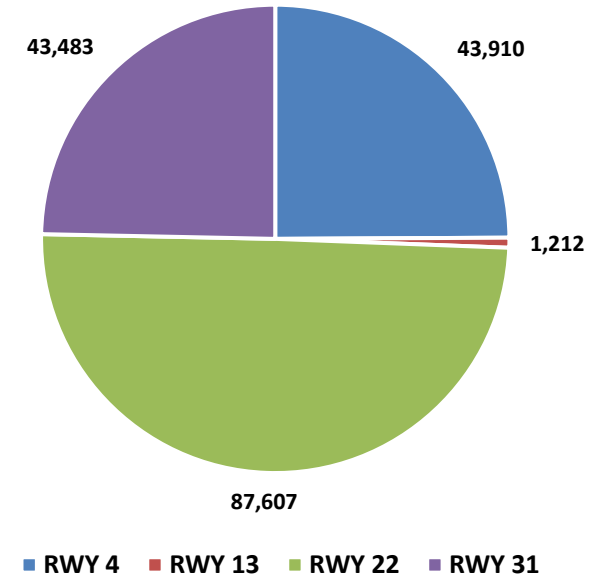
| Month      | Total Operations | 4 Arr | 4 Dep | 13 Arr | 13 Dep | 22 Arr | 22 Dep | 31 Arr | 31 Dep | Unk Arr | Unk Dep |
|------------|------------------|-------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| Jan - 2024 | 27,206           | 3,064 | 4,138 | 256    | 4,361  | 5,840  | 10     | 4,430  | 5,089  | 3       | 15      |
| Feb - 2024 | 27,696           | 2,611 | 5,420 | 37     | 6,234  | 5,574  | 2      | 5,605  | 2,200  | 5       | 8       |
| Mar - 2024 | 29,844           | 3,959 | 4,104 | 200    | 6,475  | 6,102  | 23     | 4,653  | 4,311  | 5       | 12      |
| Apr - 2024 | 29,524           | 4,805 | 2,907 | 103    | 8,921  | 6,512  | 144    | 3,316  | 2,799  | 5       | 12      |
| May - 2024 | 30,700           | 3,857 | 2,497 | 103    | 10,935 | 9,281  | 95     | 2,071  | 1,833  | 8       | 20      |
| Jun - 2024 | 28,952           | 1,716 | 2,746 | 45     | 8,110  | 10,103 | 64     | 2,583  | 3,570  | 2       | 13      |
| Jul - 2024 | 30,600           | 3,171 | 2,364 | 115    | 11,327 | 10,111 | 26     | 2,098  | 1,359  | 5       | 24      |
| Aug - 2024 | 29,008           | 3,103 | 3,189 | 140    | 7,189  | 7,970  | 542    | 3,268  | 3,578  | 6       | 23      |
| Sep - 2024 | 30,059           | 8,834 | 2,551 | 204    | 11,151 | 4,033  | 3      | 1,924  | 1,344  | 4       | 11      |
| Oct - 2024 | 31,132           | 2,844 | 5,134 | 0      | 6,842  | 7,862  | 293    | 4,824  | 3,314  | 2       | 17      |
| Nov - 2024 | 29,279           | 3,044 | 4,266 | 0      | 3,695  | 7,462  | 5      | 4,117  | 6,670  | 5       | 15      |
| Dec - 2024 | 28,569           | 2,902 | 4,204 | 9      | 5,372  | 6,757  | 172    | 4,594  | 4,535  | 9       | 15      |
| Jan - 2025 | 28,273           | 675   | 4,168 | 16     | 1,045  | 6,993  | 7      | 6,431  | 8,917  | 17      | 4       |

# Arrival Runway usage 2023 & 2024

LGA 2023 Arrivals

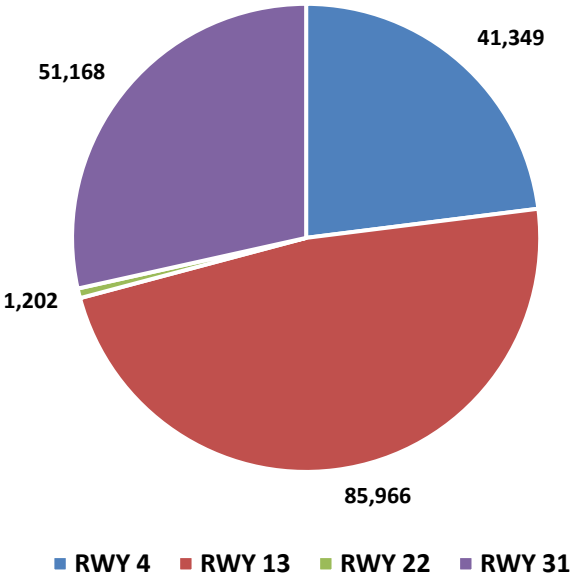


LGA 2024 Arrivals

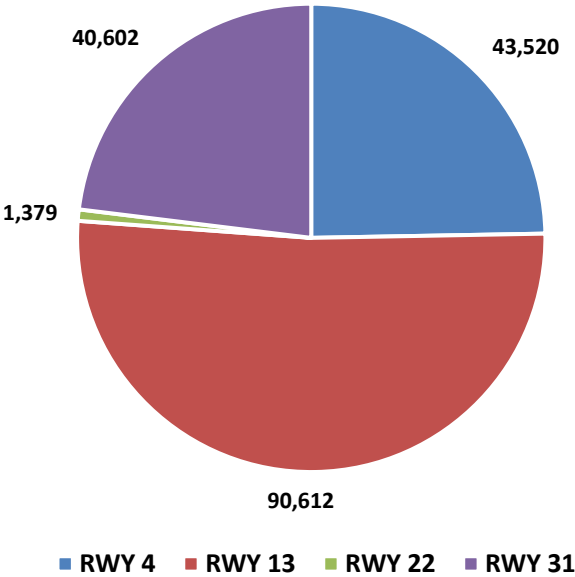


# Departure Runway usage 2023 & 2024

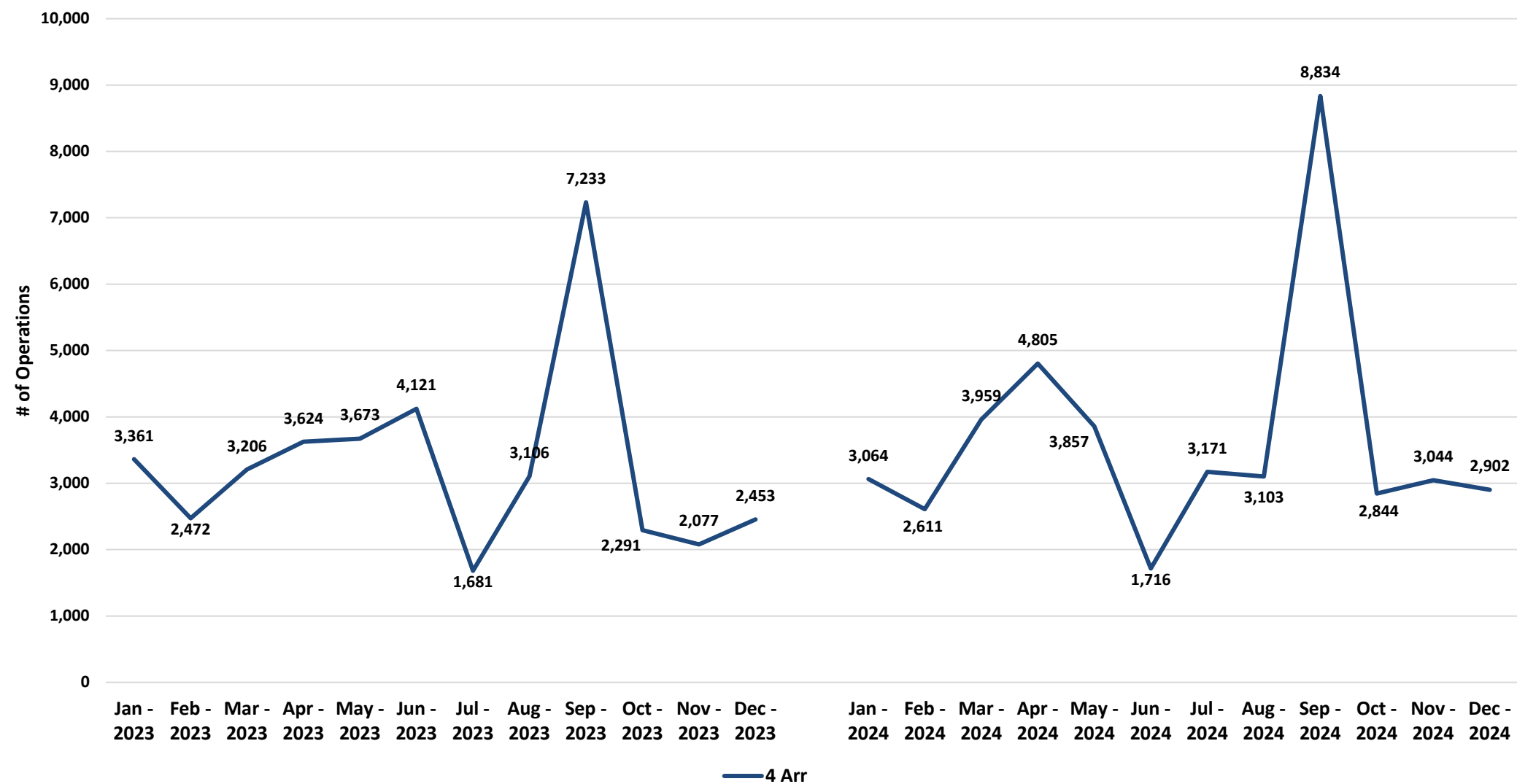
LGA 2023 Departure



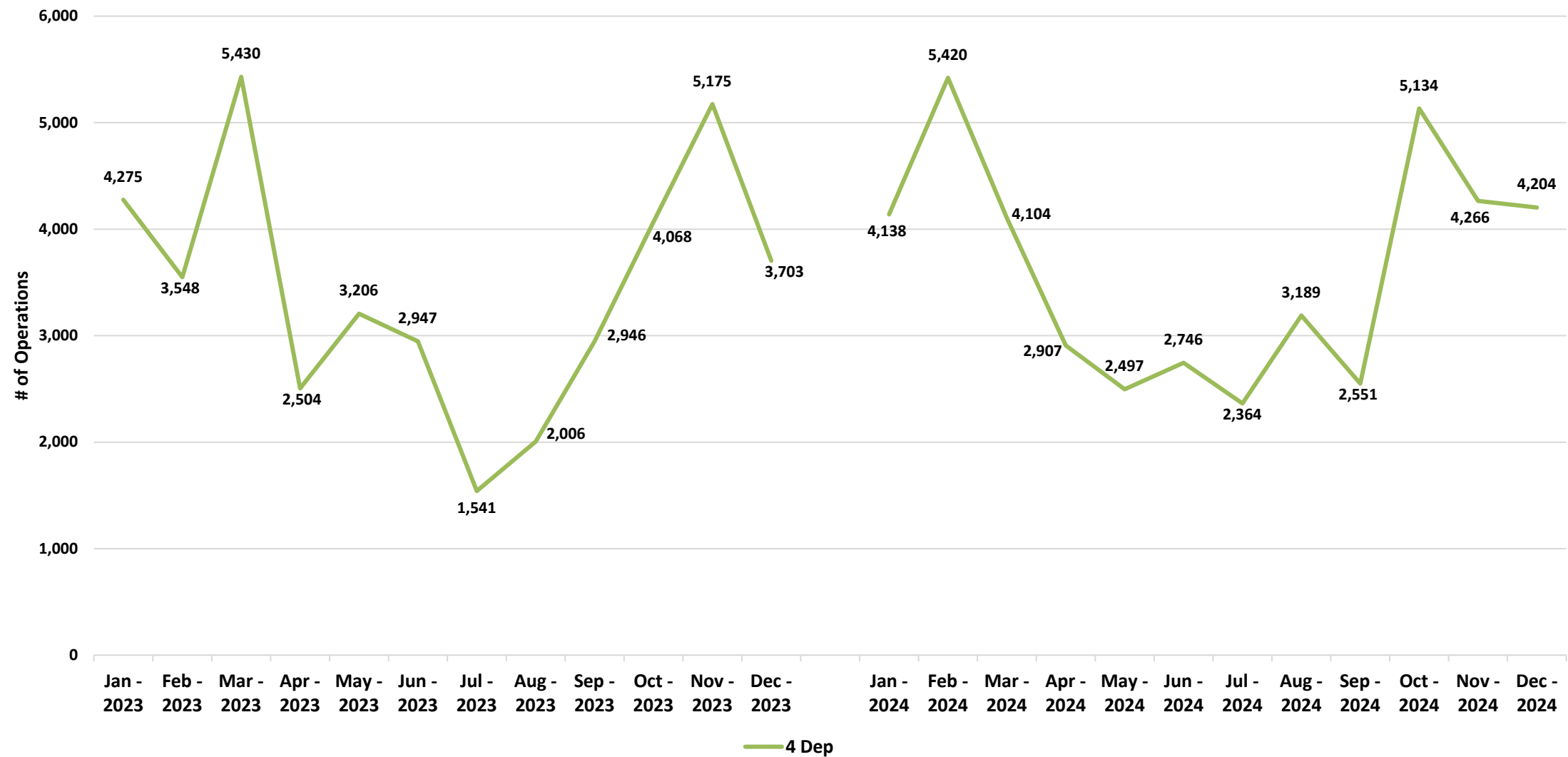
LGA 2024 Arrivals



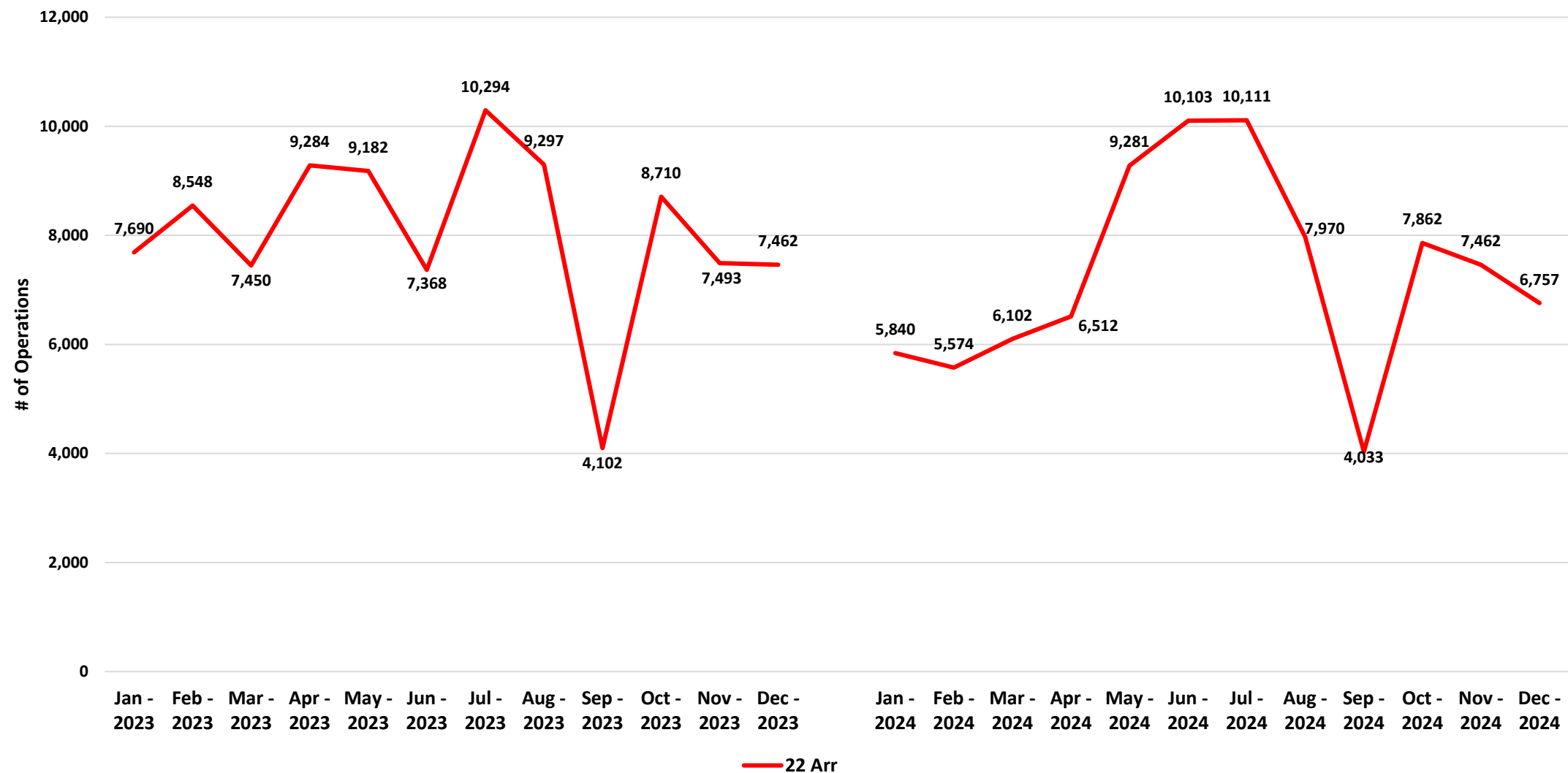
# Runway 4 Arrivals Comparison – 2023 to 2024



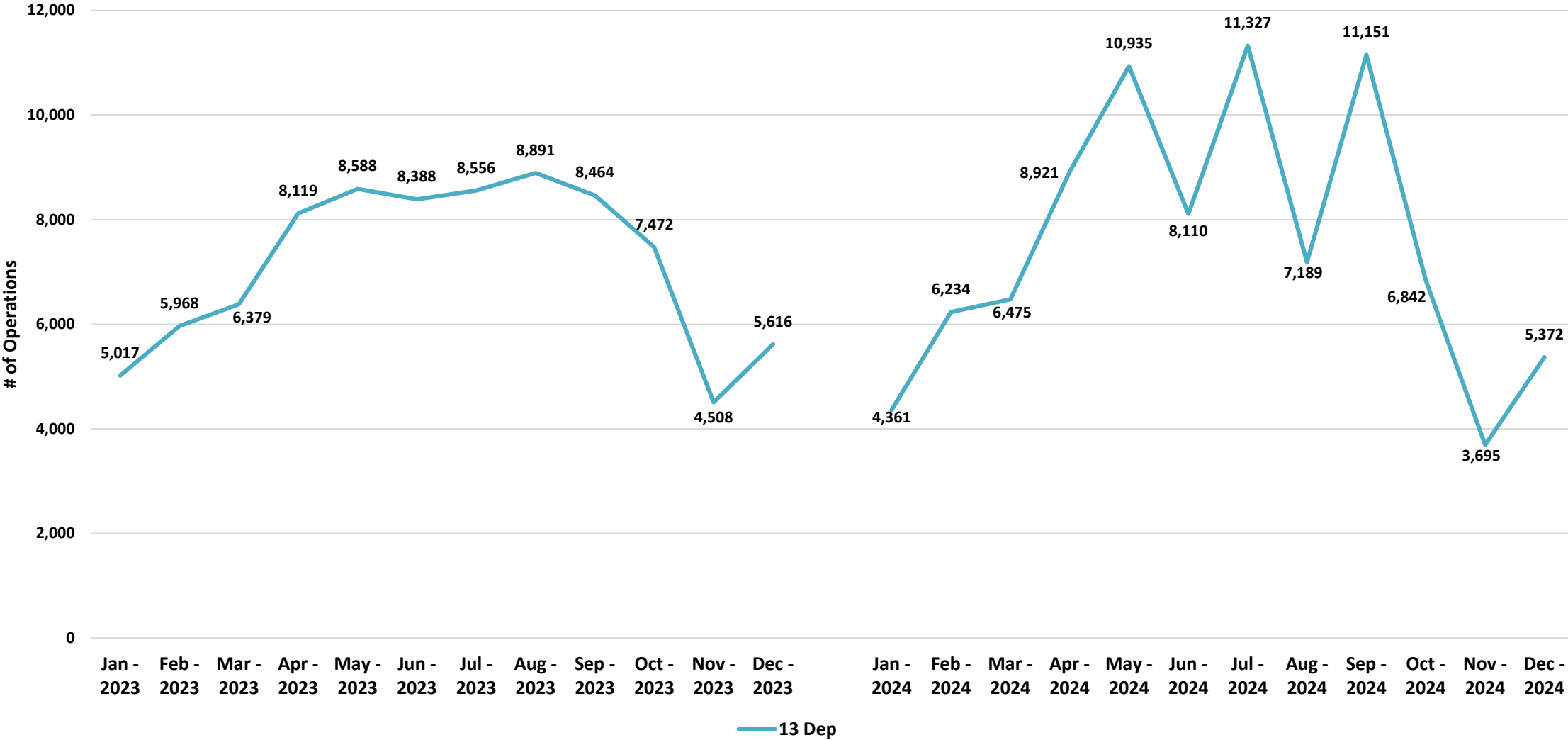
# Runway 4 Departures Comparison – 2023 to 2024



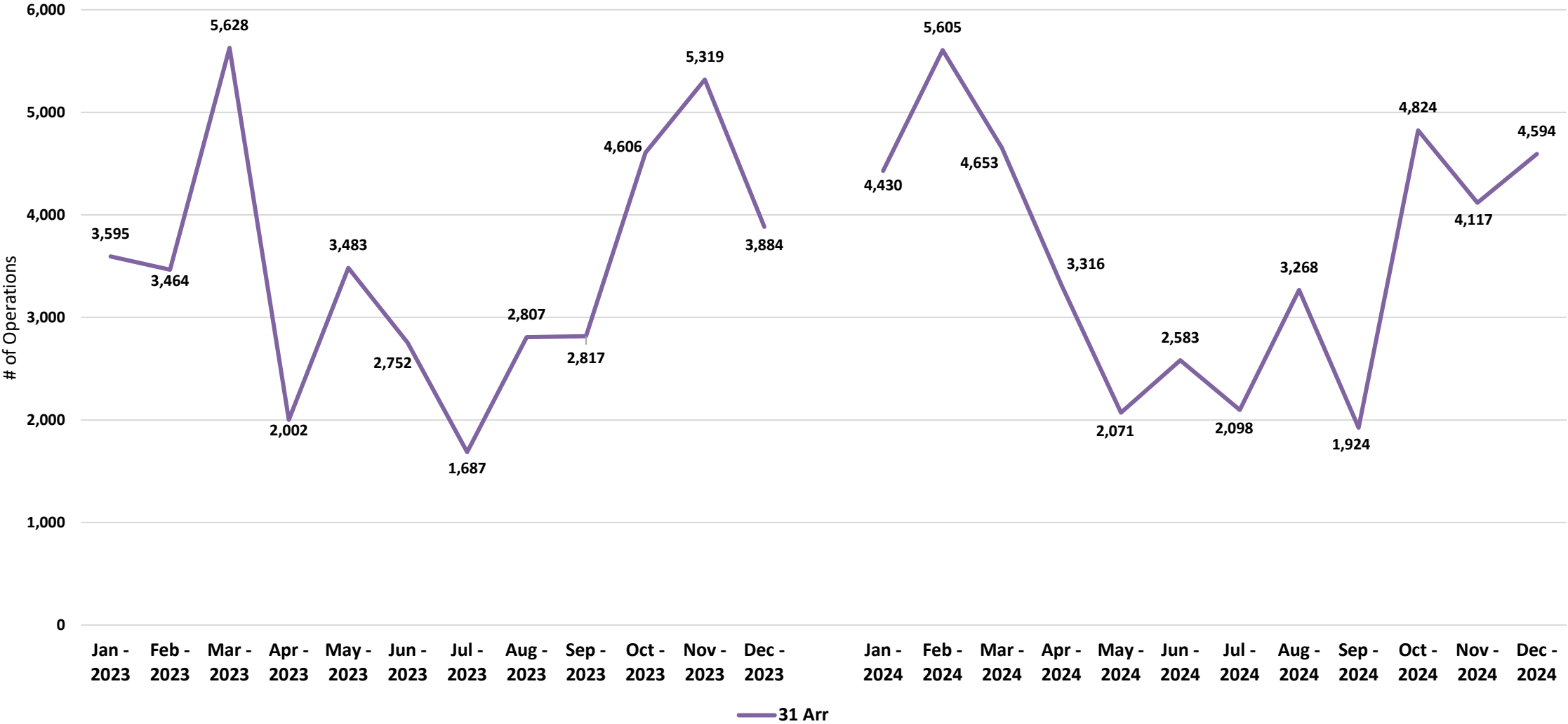
# Runway 22 Arrival Comparison – 2023 to 2024



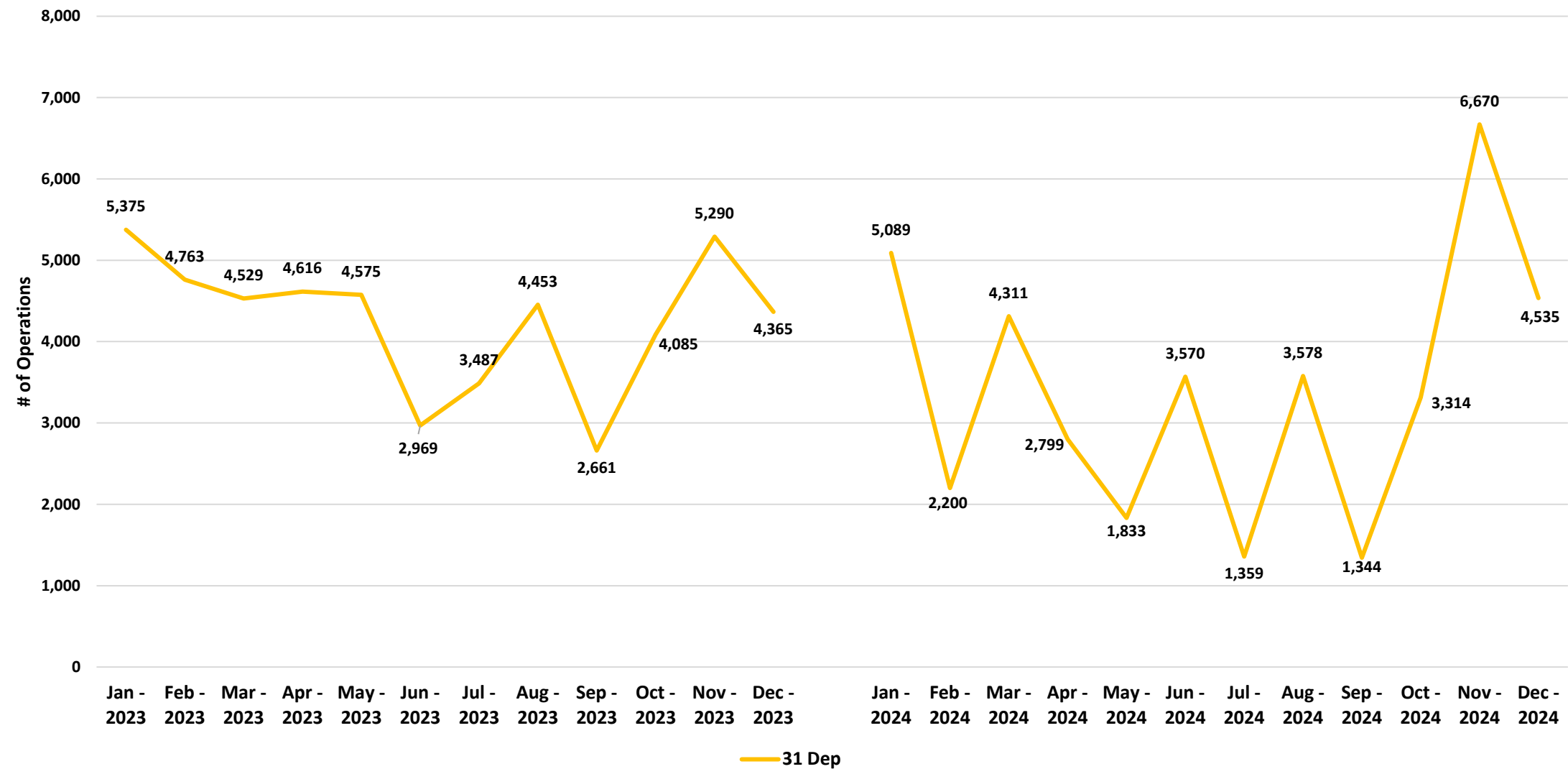
# Runway 13 Departure Comparison – 2023 to 2024



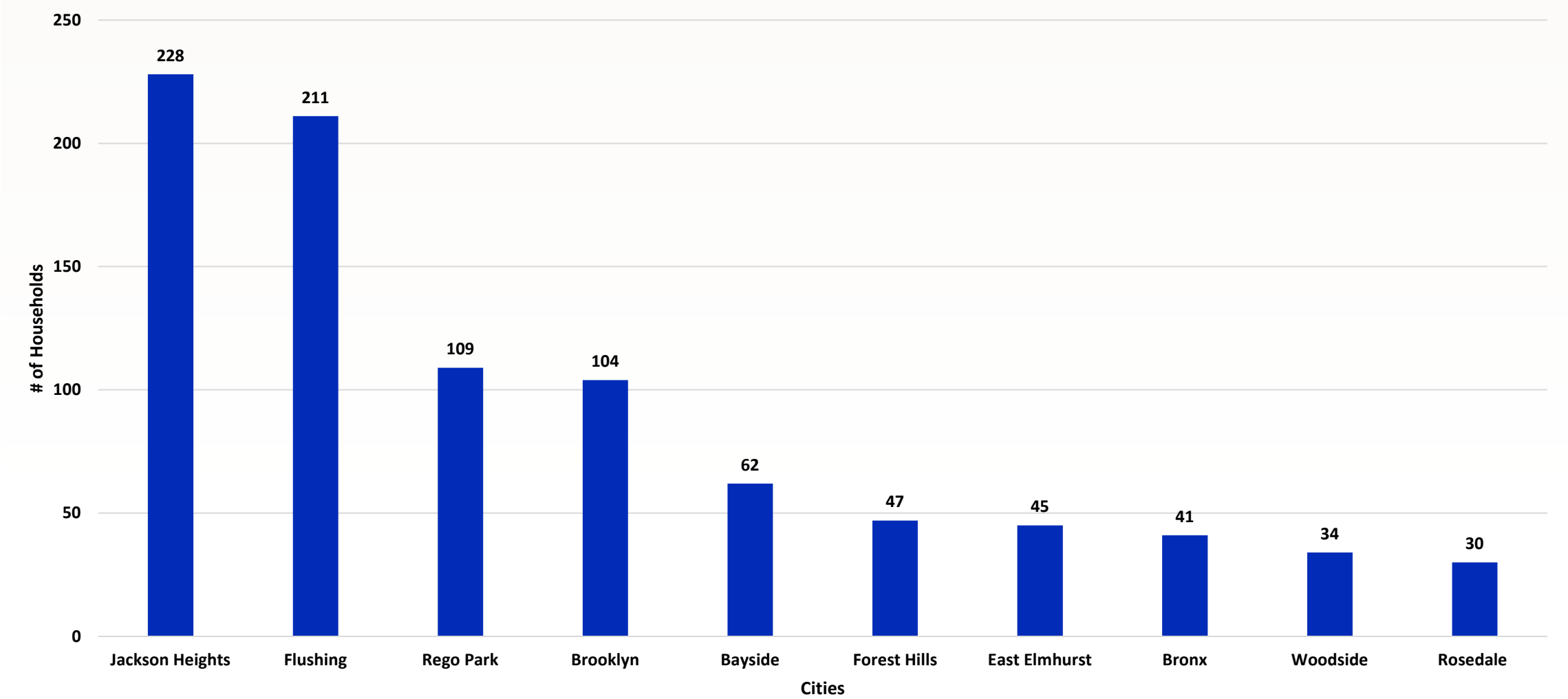
# Runway 31 Arrival Comparison – 2023 to 2024



# Runway 31 Departures Comparison – 2023 to 2024

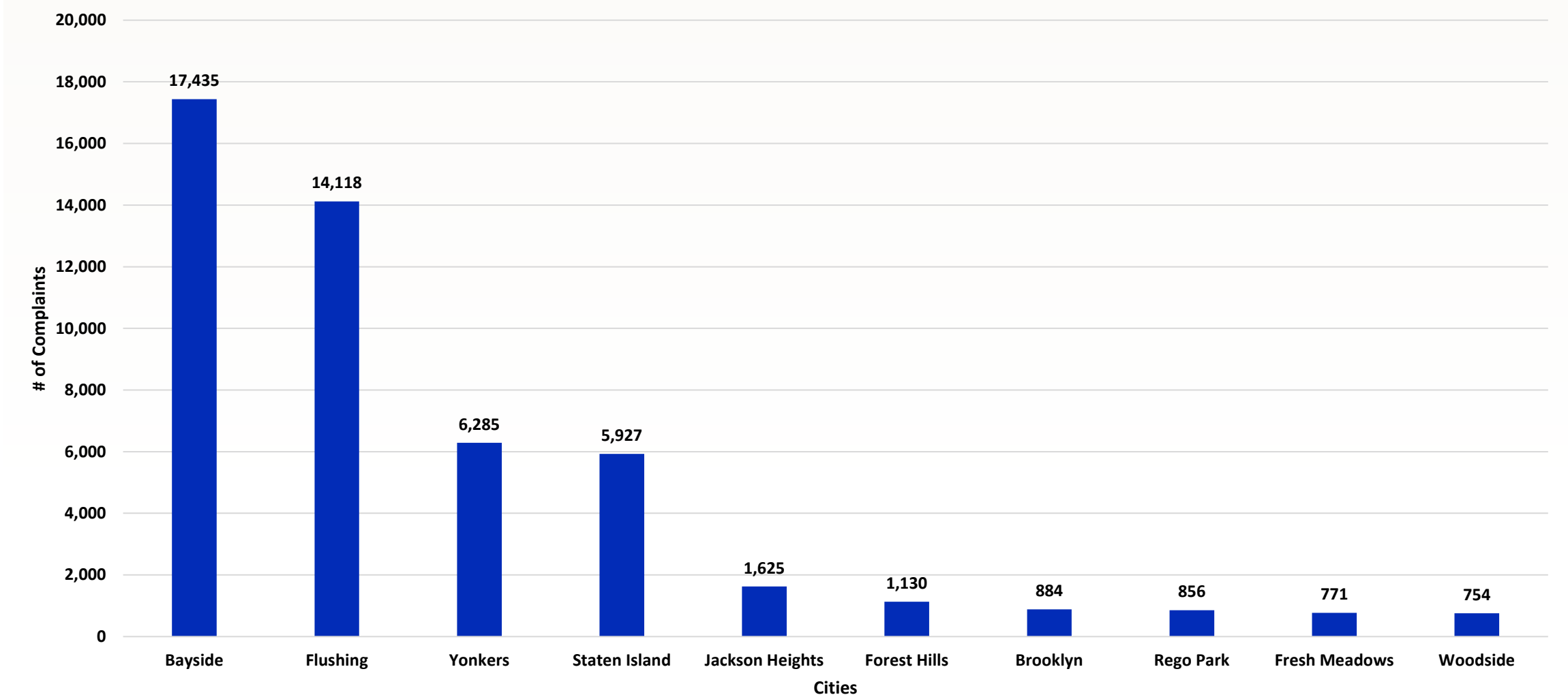


# Geographical Distribution of Noise Complaints – Number of Households (Jan to Dec 2024)



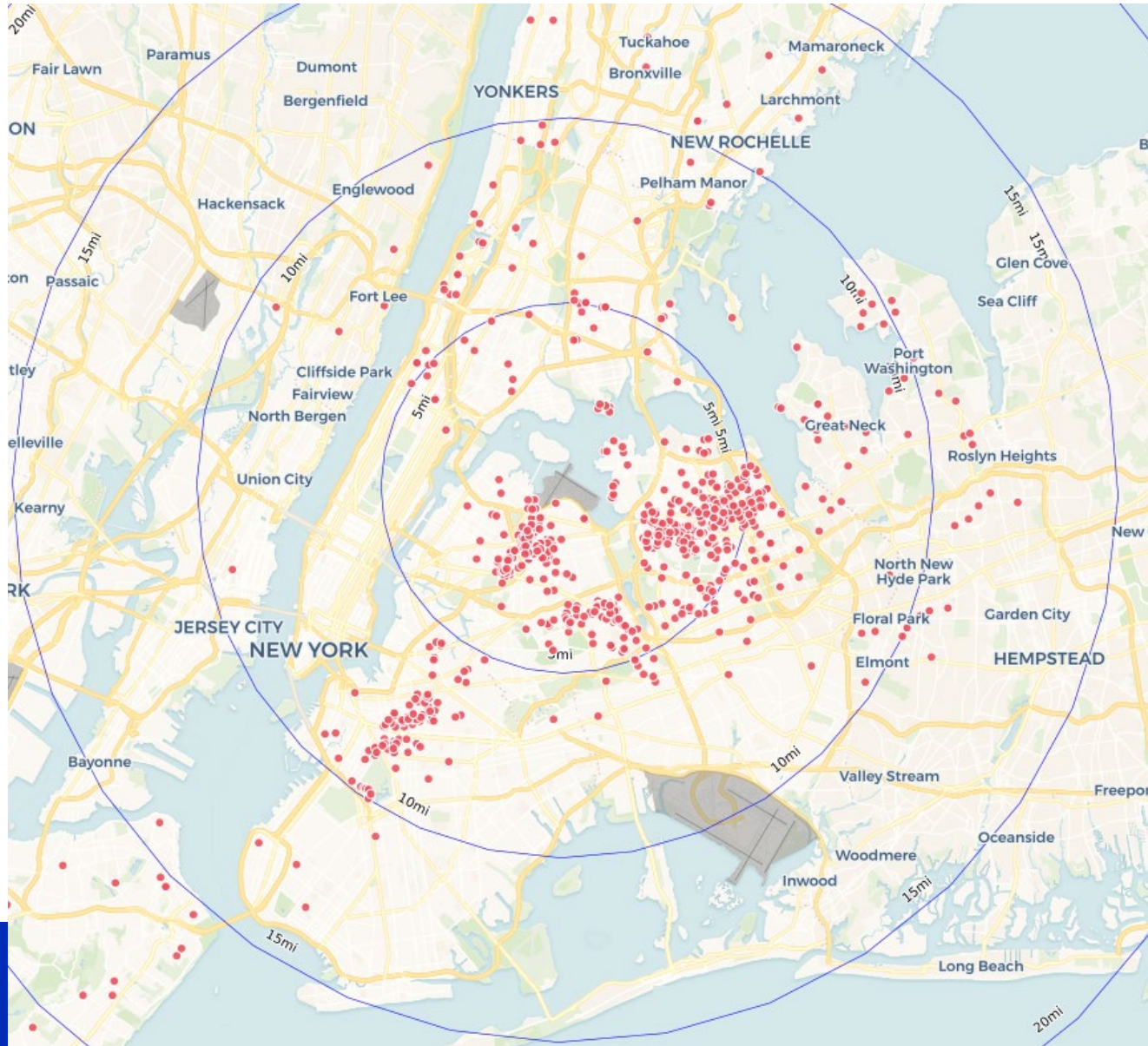
\*Showing all households collected via Port Authority Webform, Hotline, and 3<sup>rd</sup> party app

# Geographical Distribution of Noise Complaints – Number of complaints (Jan to Dec 2024)



\*Showing all households collected via Port Authority Webform, Hotline, and 3<sup>rd</sup> party app

# Geographical Distribution of Noise Complaints by Households (Jan to Dec 2023)



- Showing all complaints collected via Port Authority Webform, Hotline, and 3<sup>rd</sup> party app

# Helpful Links

- PA Aircraft Noise webpage <https://aircraftnoise.panynj.gov/>
- Webtrak <https://webtrak.emsbk.com/panynj4>
- Submit a noise complaint <https://aircraftnoise.panynj.gov/submit-a-noise-complaint/>
- Monthly Reports <https://aircraftnoise.panynj.gov/reports/>
- Noise information and FAQs <https://aircraftnoise.panynj.gov/faqs/>
- Fly Quiet Program webpage <https://aircraftnoise.panynj.gov/fly-quiet-program/>

**Thank You**