

San Francisco Bay Area

# Water Emergency Transportation Authority

## City of Alameda Transportation Commission

September 26, 2018



# Water Emergency Transportation Authority

## Public Agency created by California State Legislature

- Consolidate municipal services
- Create and expand regional system
- Emergency response

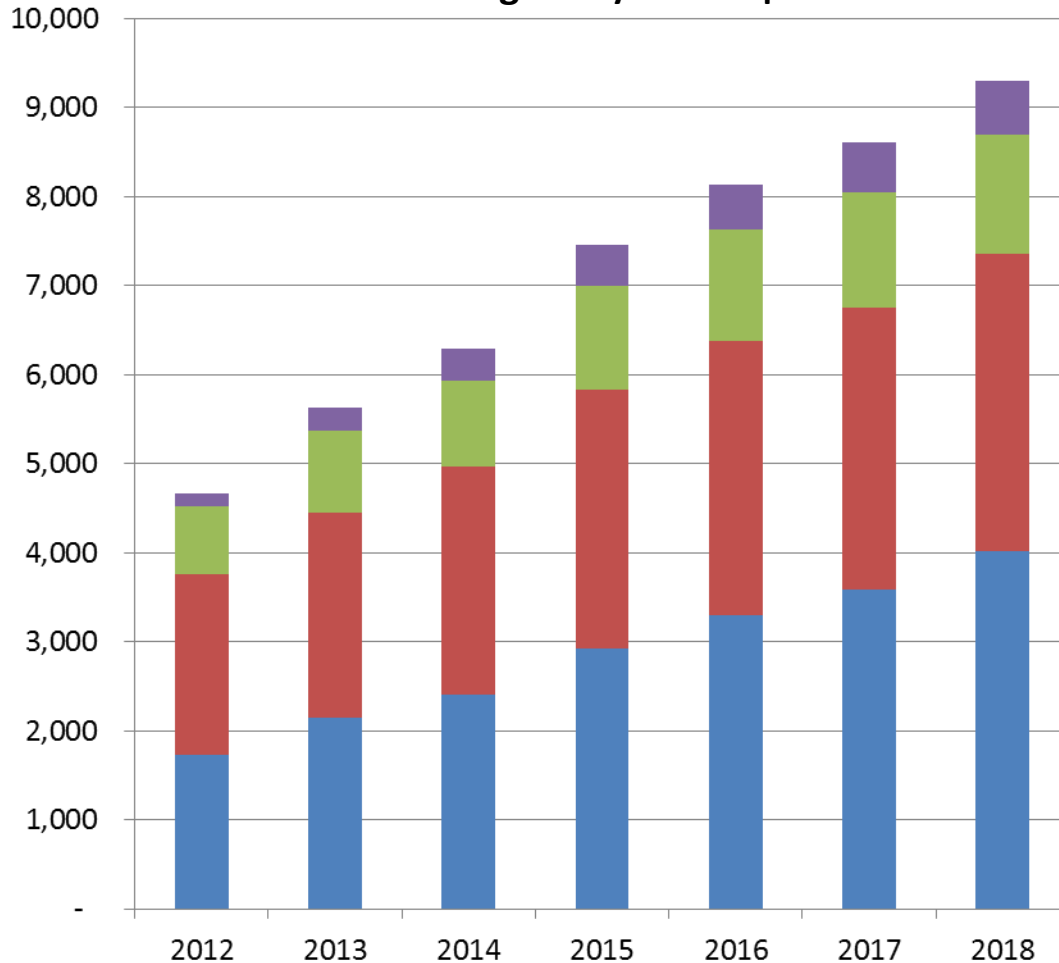


# San Francisco Bay Ferry

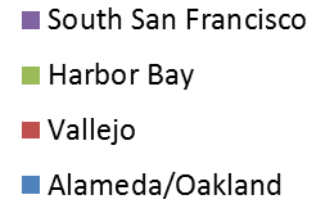


# System Profile

Average Daily Ridership



- Four routes
- 3.4M annual passengers
- 13 vessels
- \$47.8M operating budget
- 74% farebox recovery ratio
- Ridership up 99% since 2012

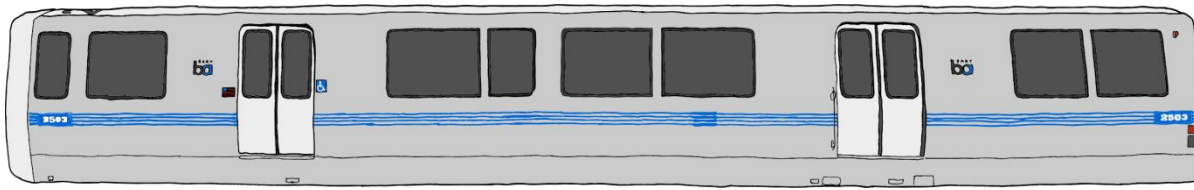


# Peak Hour Ridership

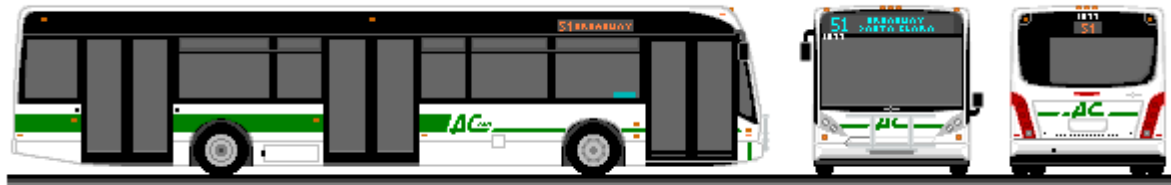
AM Peak Hour: 2,328

PM Peak Hour: 2,481

Equivalent to...



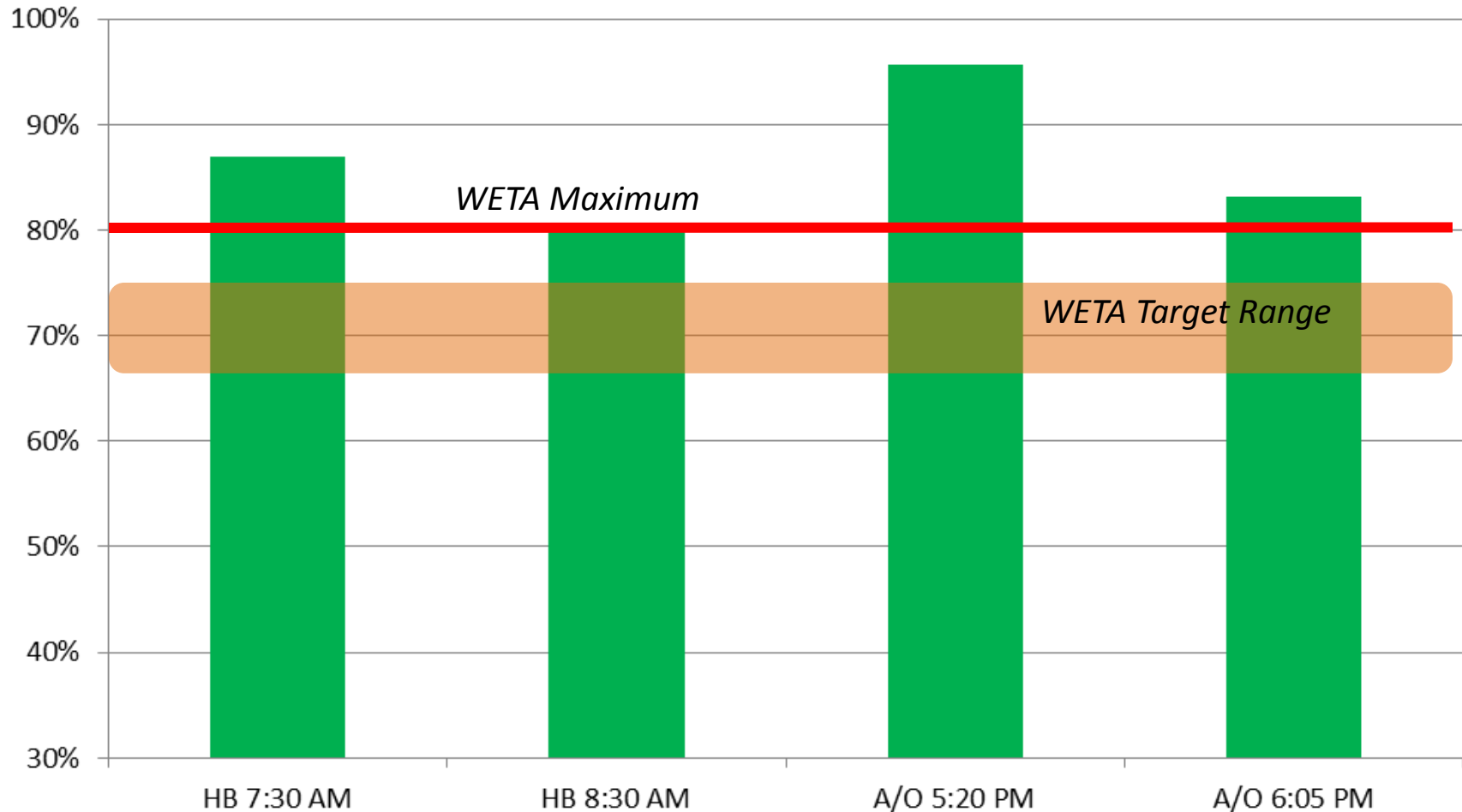
**3 BART Trains**



**49 Transbay Buses**

# Growing pains

Vessels becoming more congested on all services



August 2018 PM Peak Trip Utilization

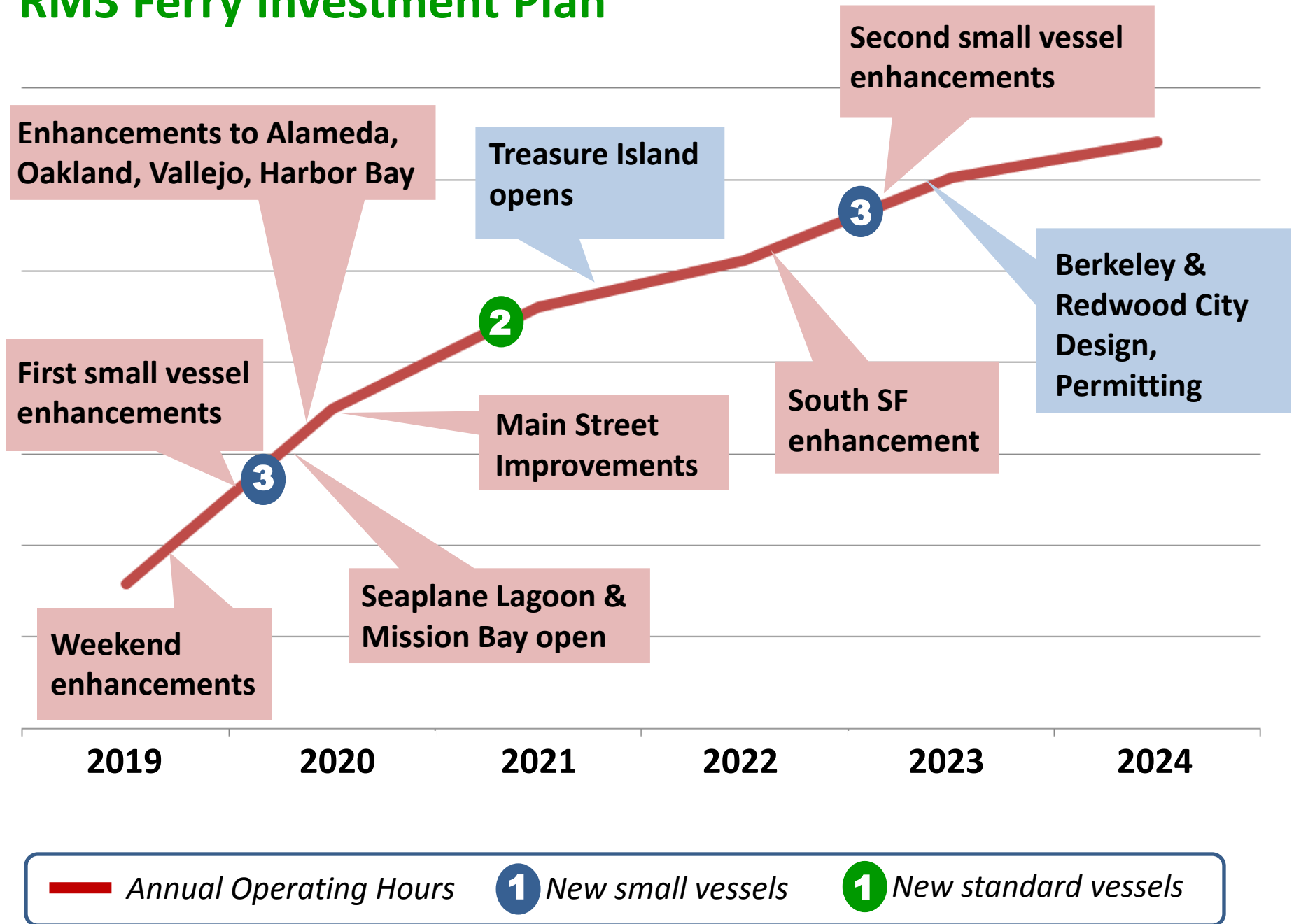


**REGIONAL MEASURE 3**

- \$1-3 toll bridge toll increase approved in June 2018 by Bay Area voters to fund regional congestion-relief projects
- \$4.2b in revenue for regional transportation improvements
  - \$300m capital, \$35m/year operating funds for WETA
- WETA Board priorities
  - Enhance existing ferry services
  - Add key expansion terminals
  - Create fiscal stability
  - Pursue implementation-ready projects
- Measure at risk due to pending litigation

# REGIONAL MEASURE 3

# RM3 Ferry Investment Plan

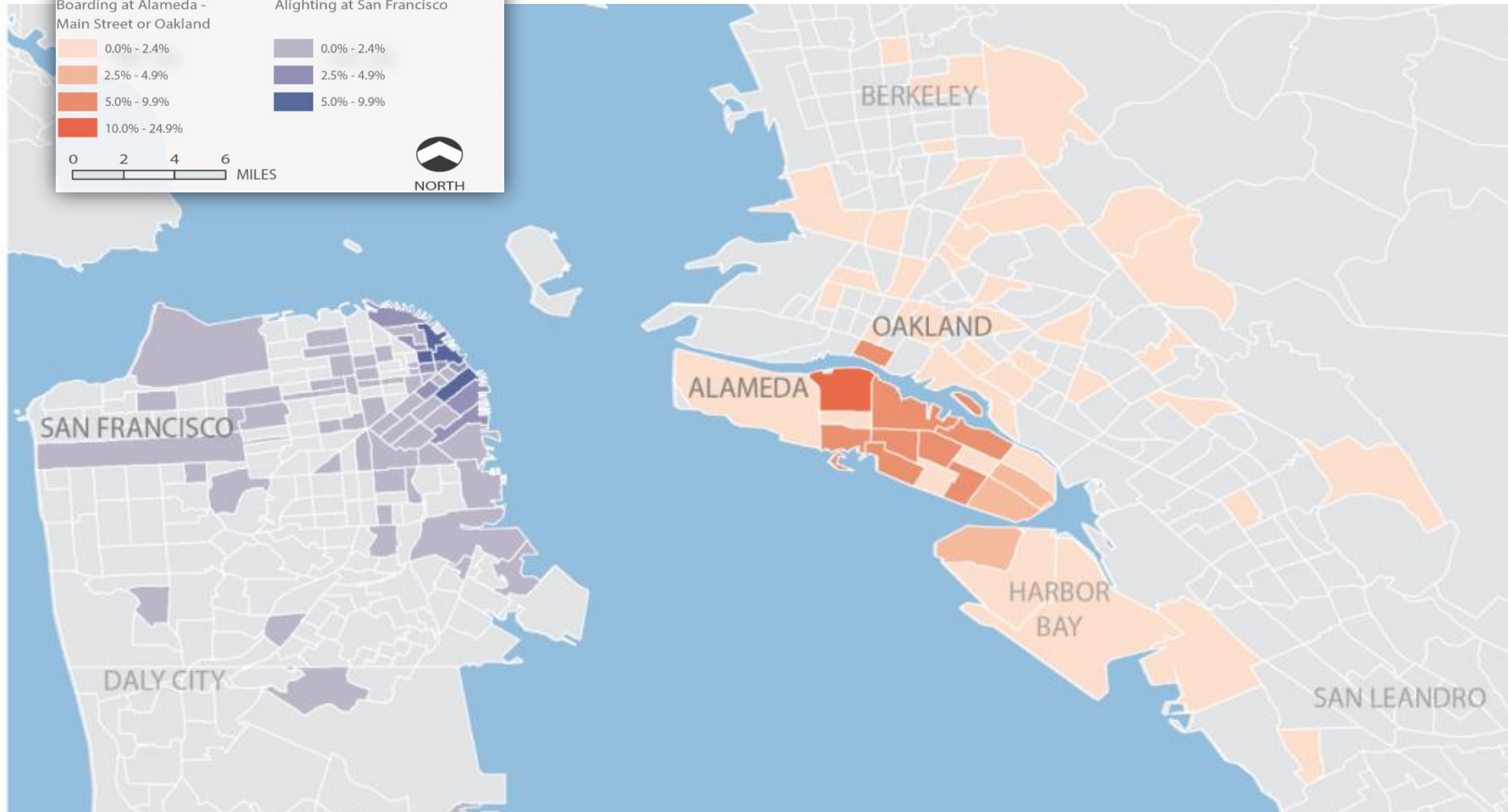
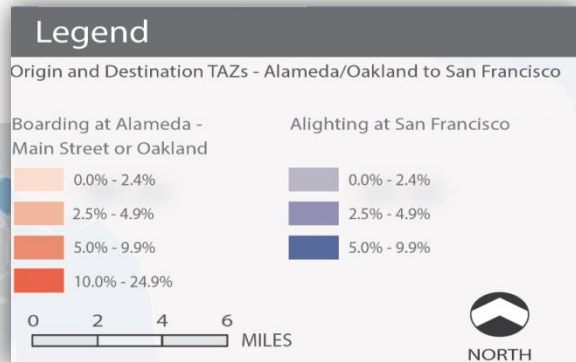


# RM3 Ferry Investment Plan

| Capital Investment                       | Year of Delivery | 2018 Estimate (millions) | Estimated partner investment |
|------------------------------------------|------------------|--------------------------|------------------------------|
| WETA Share of Seaplane Terminal          | 2020             | \$2                      | \$20                         |
| Three small vessels                      | 2020             | \$7-\$8                  | --                           |
| WETA Share of Mission Bay Ferry Landing  | 2020             | \$10                     | \$27                         |
| Two WETA Standard Vessels                | 2021             | \$28                     | --                           |
| Main Street Replacement, Reconfiguration | 2021             | \$7                      | \$1                          |
| Possible Treasure Island startup         | 2021             | \$0                      | \$27                         |
| Berkeley Terminal Design Development     | 2023             | \$2                      | \$3                          |
| Redwood City Terminal Design Development | 2023             | \$2                      | \$7                          |
| Three small vessels                      | 2024             | \$7-\$8                  | --                           |
| Total                                    |                  | \$59                     | \$92                         |

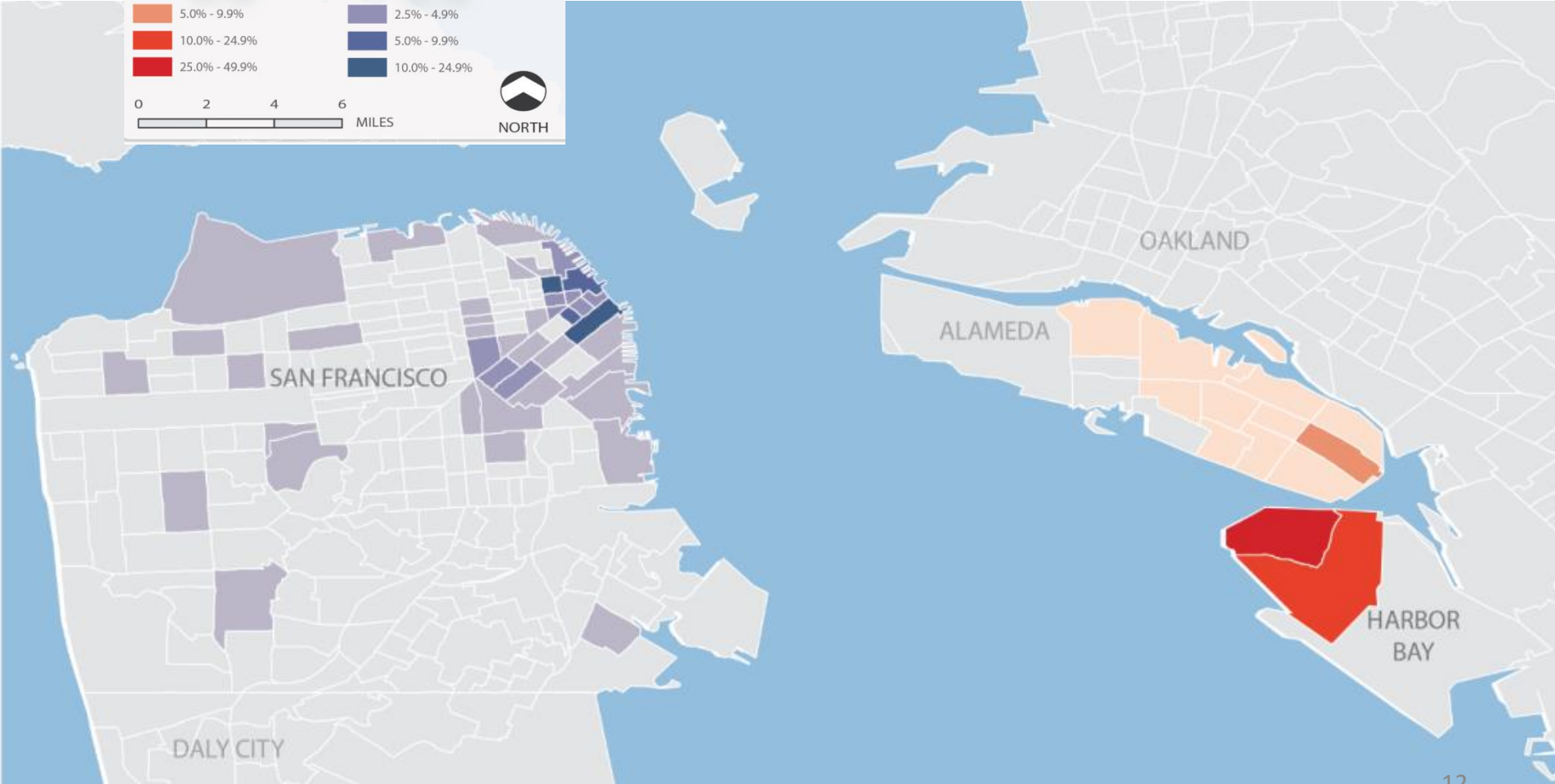
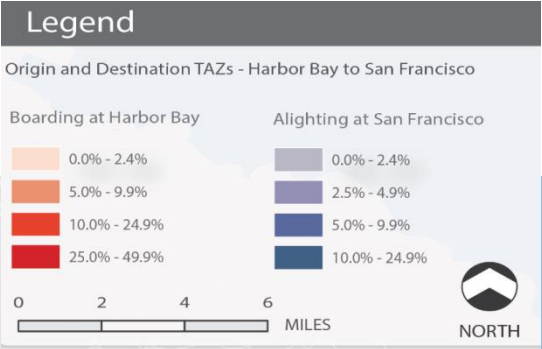
# Origins/Destinations

## Alameda/Oakland Route

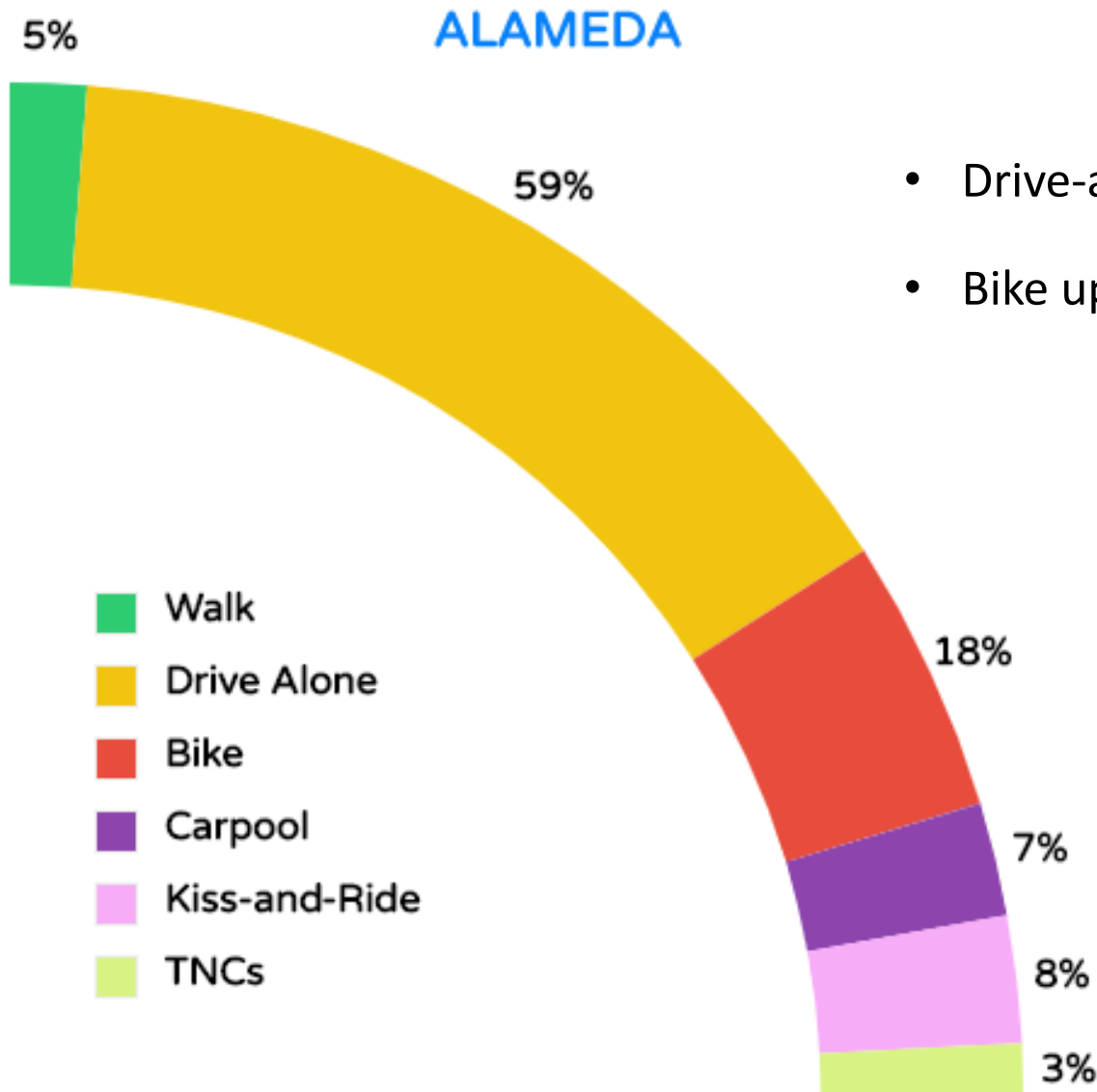


# Origins/Destinations

## Harbor Bay Route

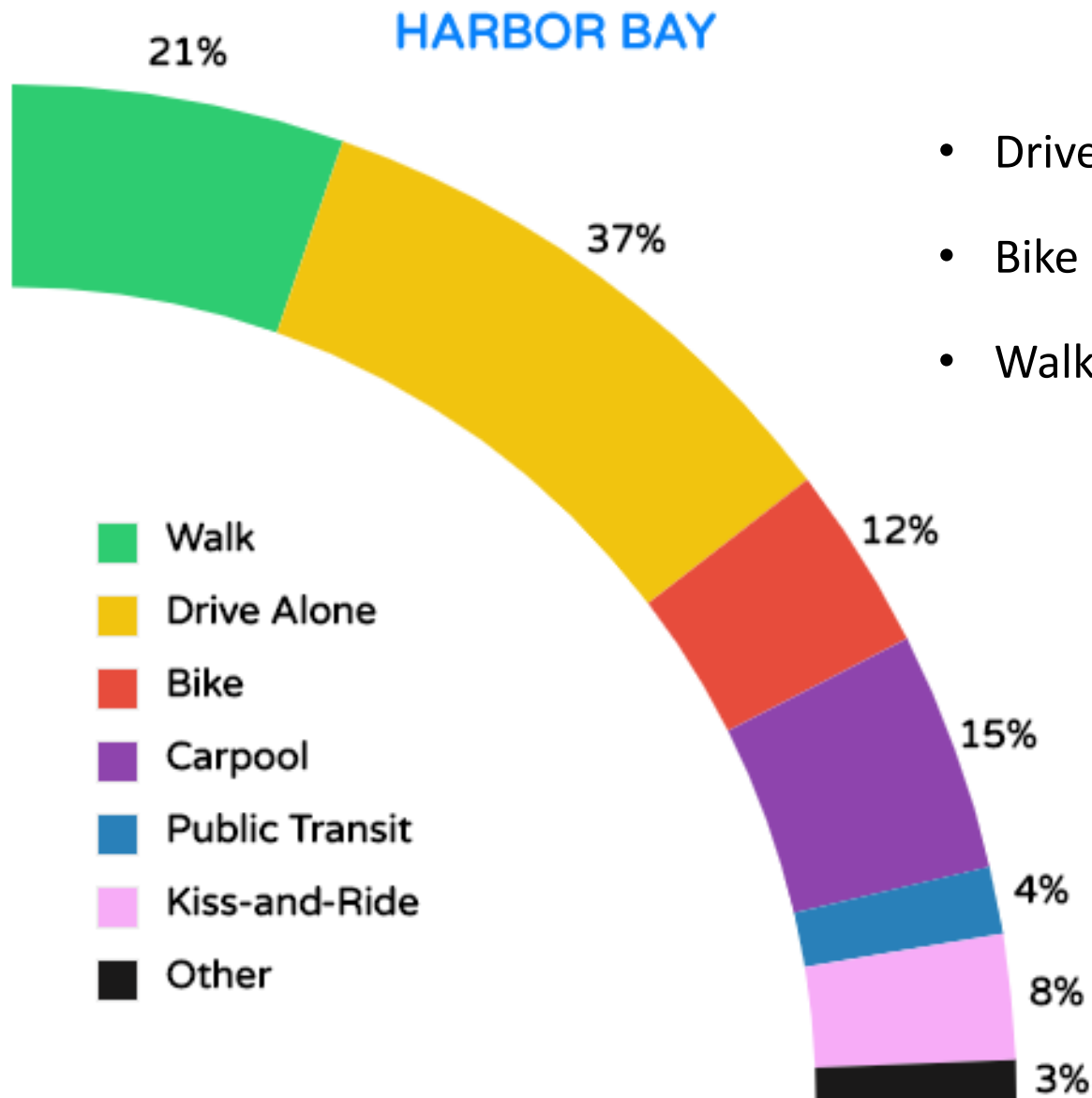


# Main Street Customer Access



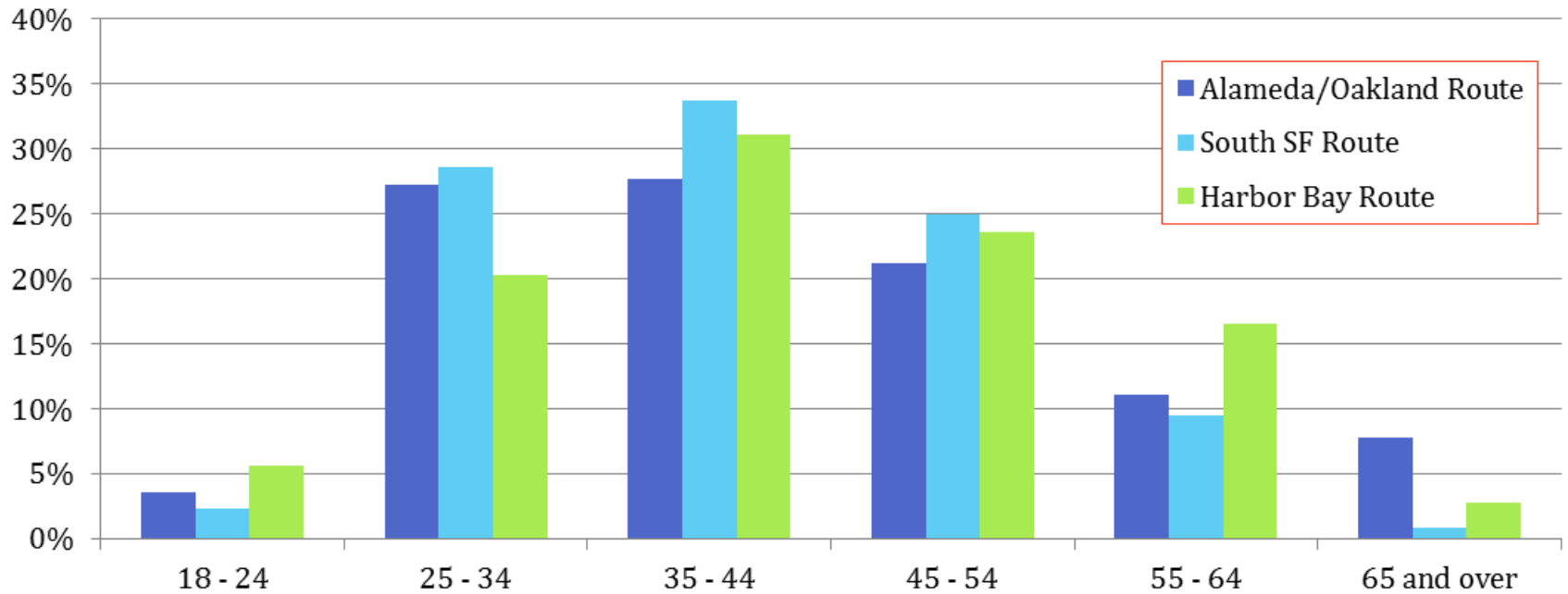
- Drive-alone down from 66% in 2014
- Bike up from 11% in 2014

# Harbor Bay Customer Access

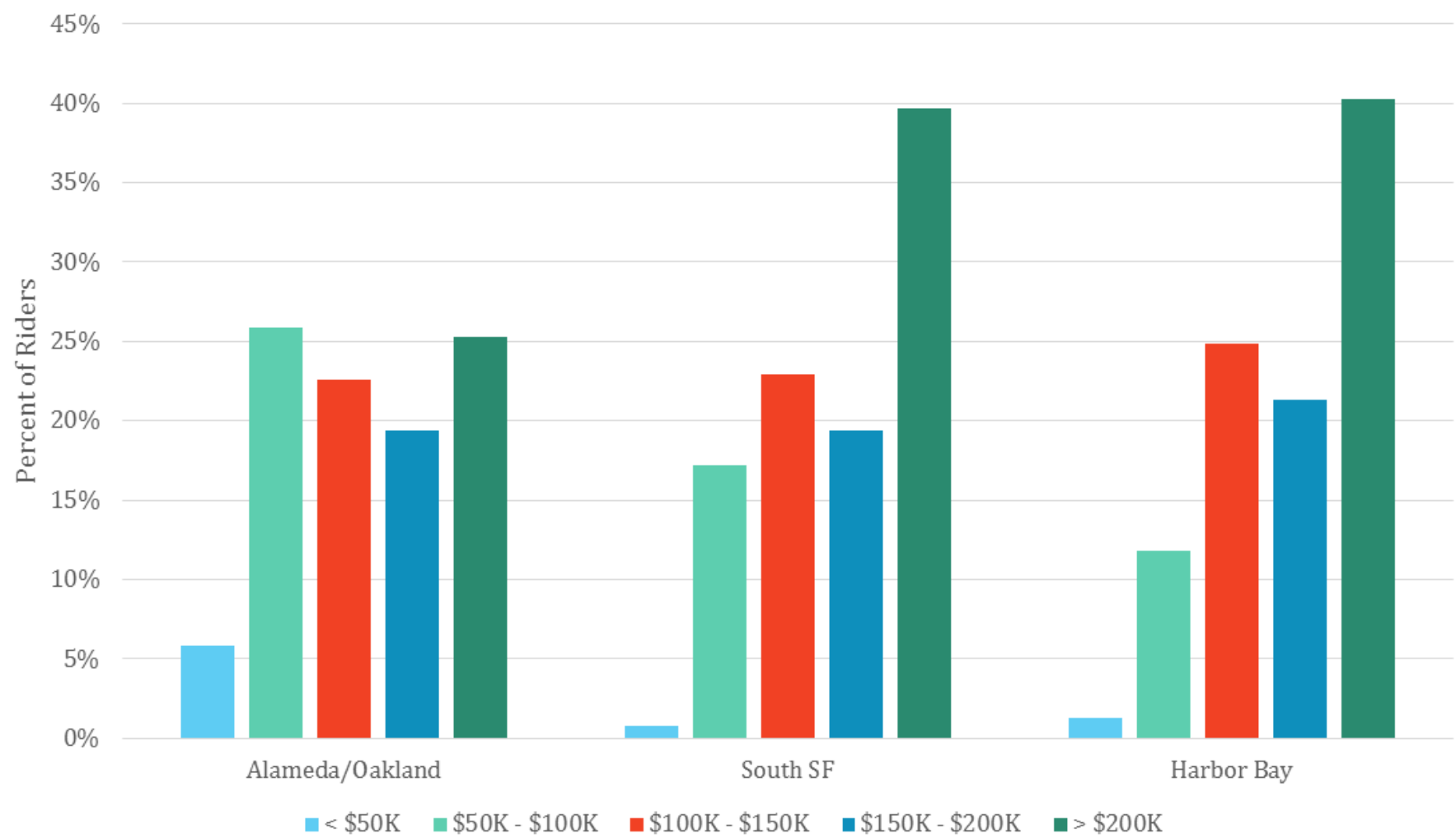


- Drive-alone down from 48% in 2014
- Bike up from 7% in 2014
- Walk down from 33% in 2014

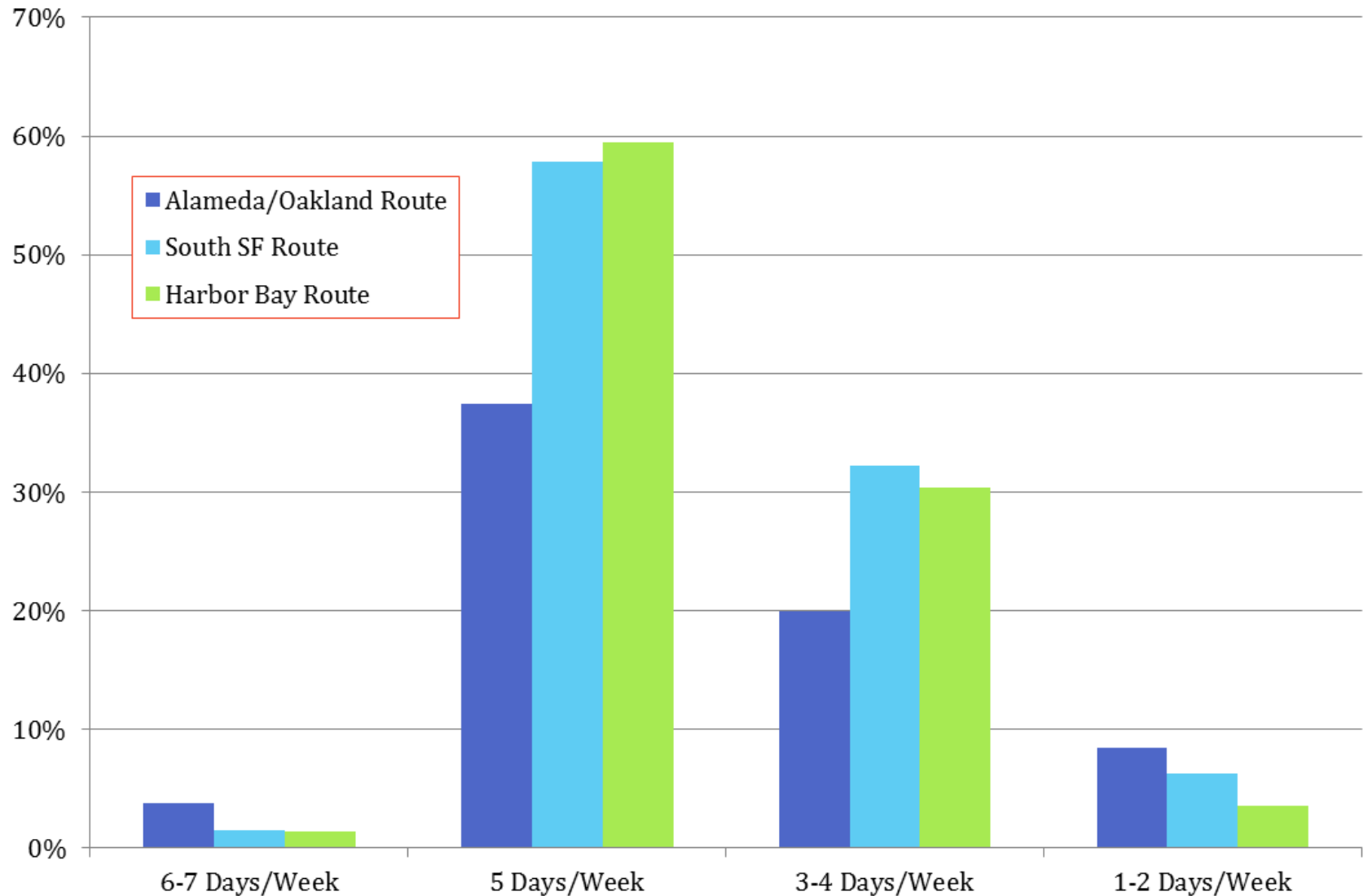
# Age Distribution



# Income Distribution

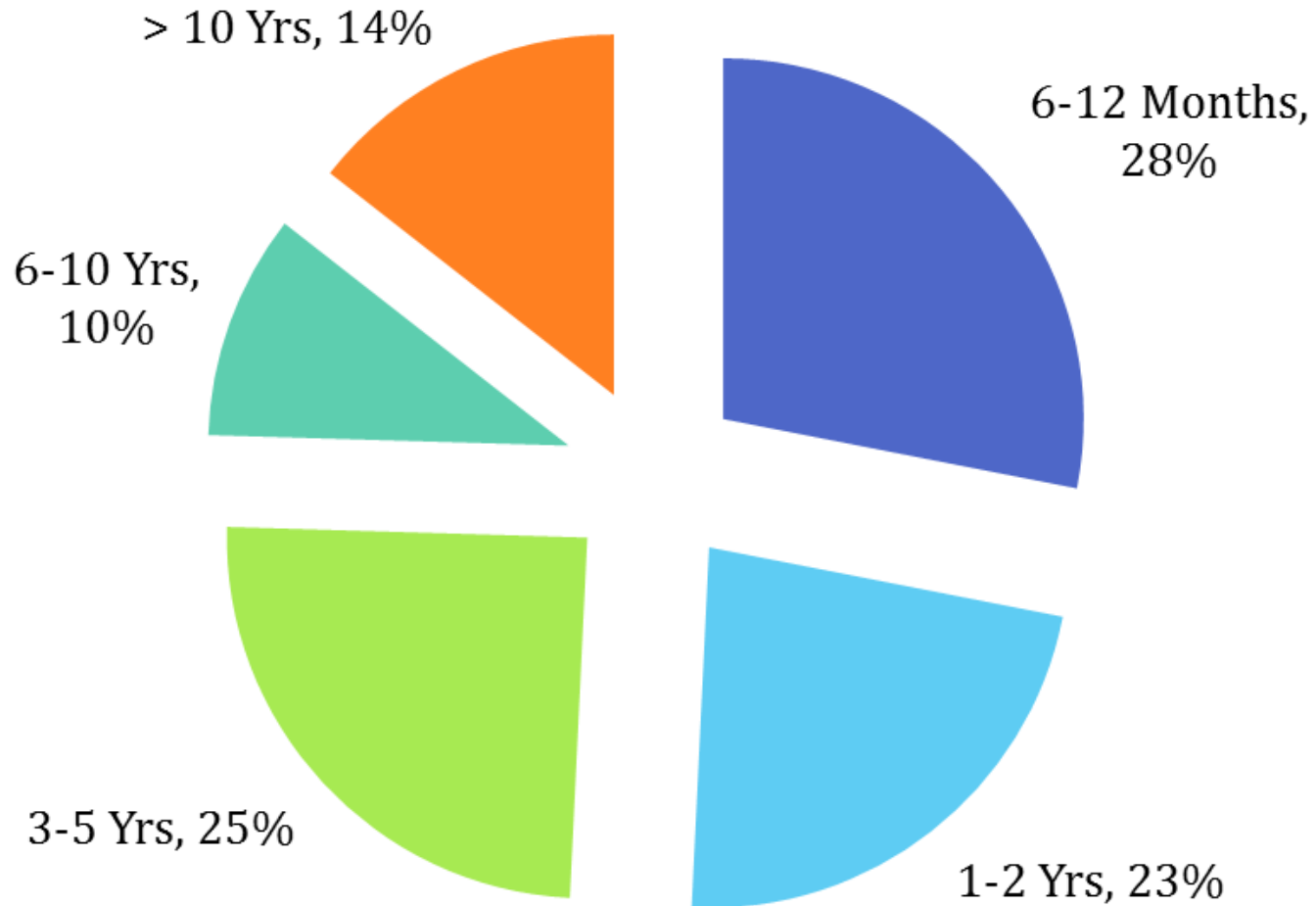


# How many days per week do you ride?



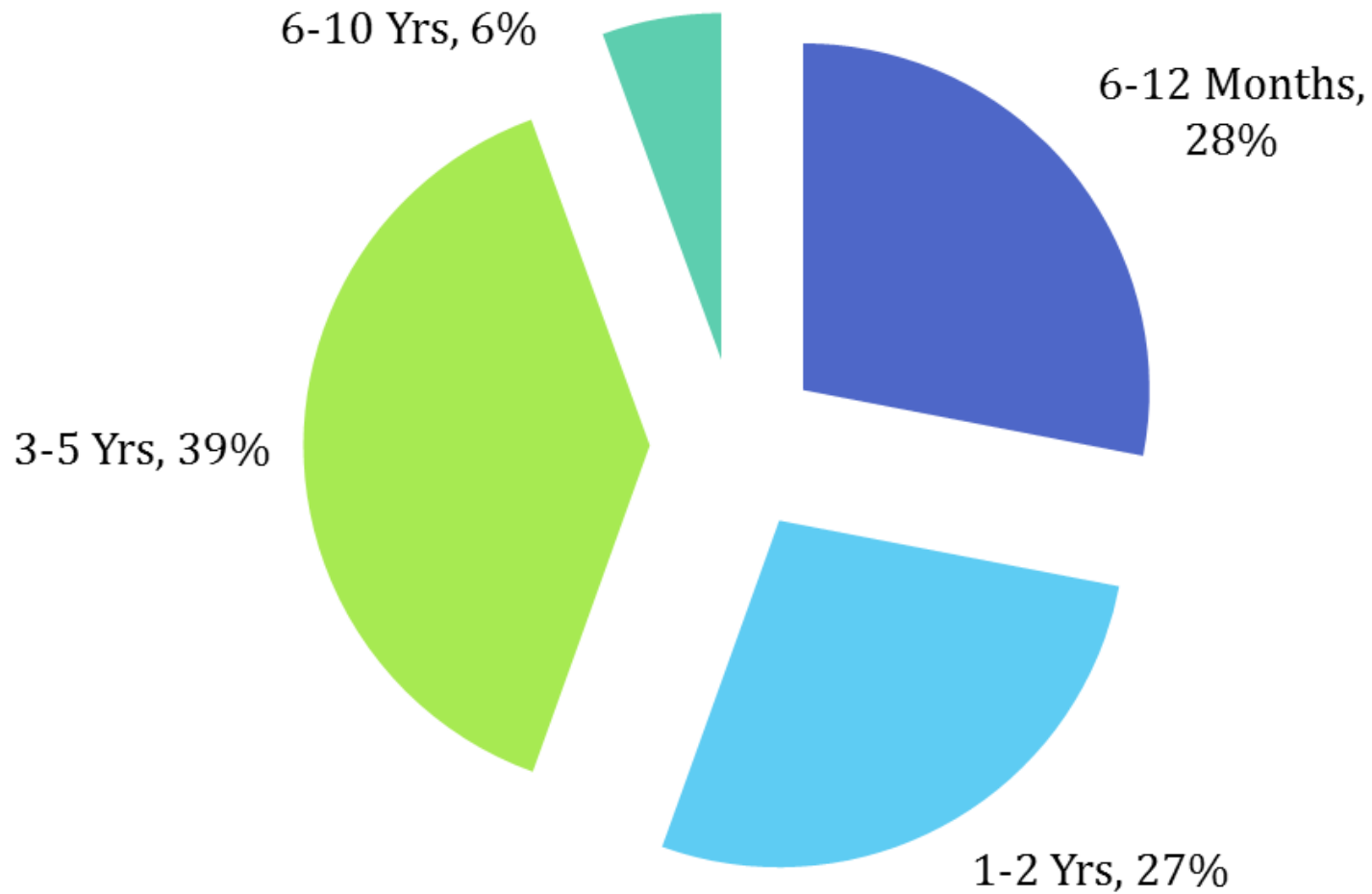
## How long have you been riding?

### Alameda/ Oakland



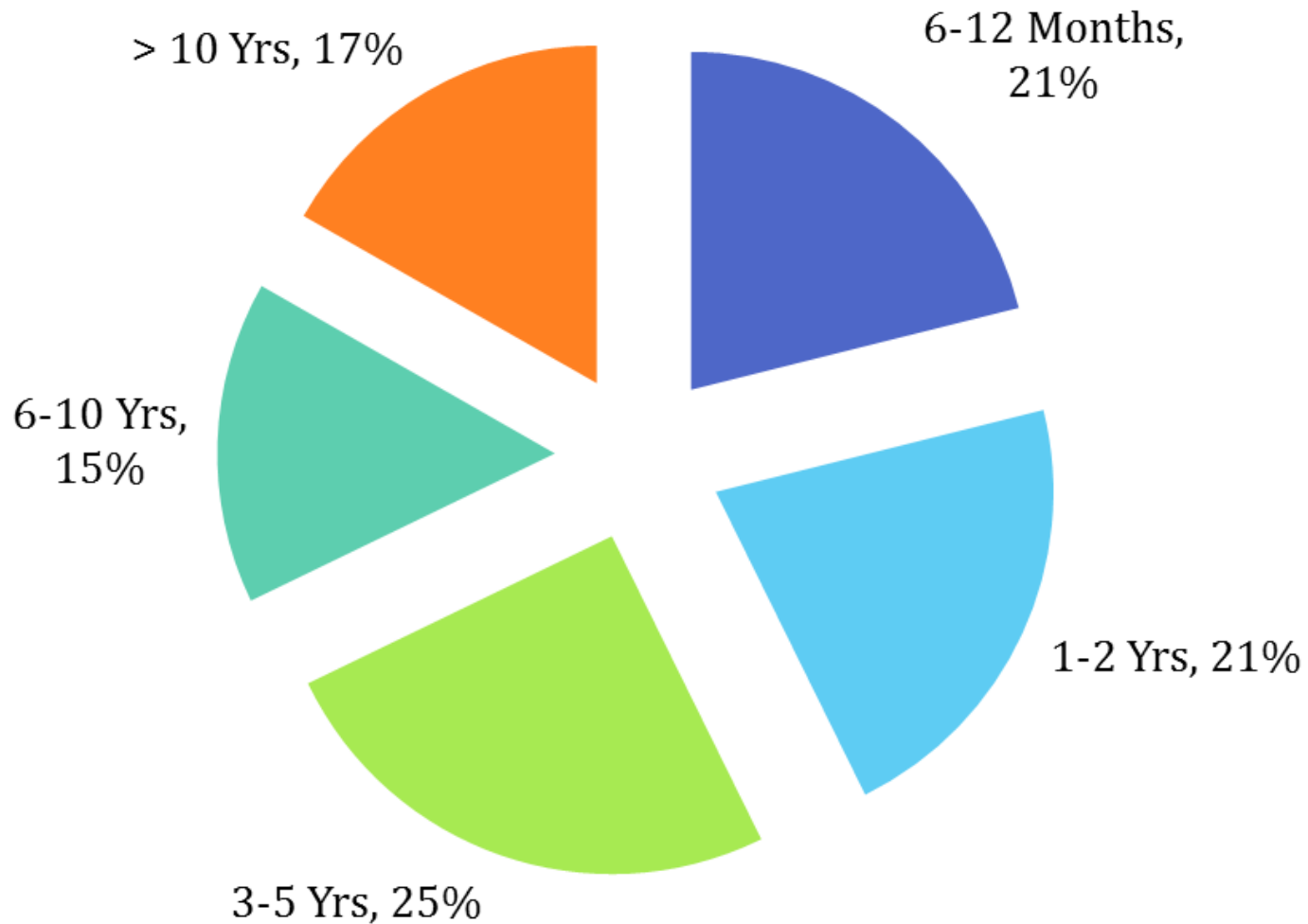
# How long have you been riding?

## South San Francisco

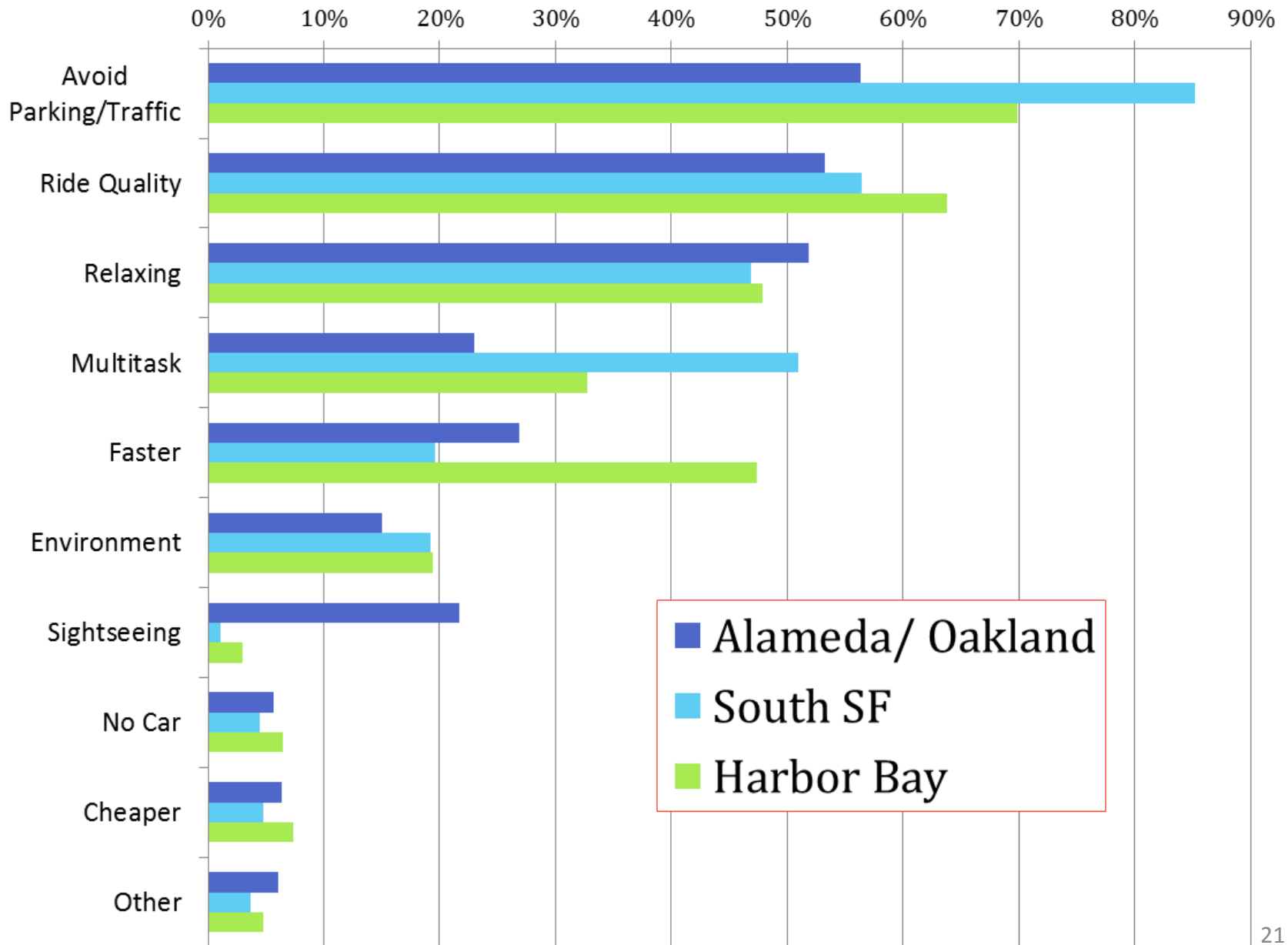


# How long have you been riding?

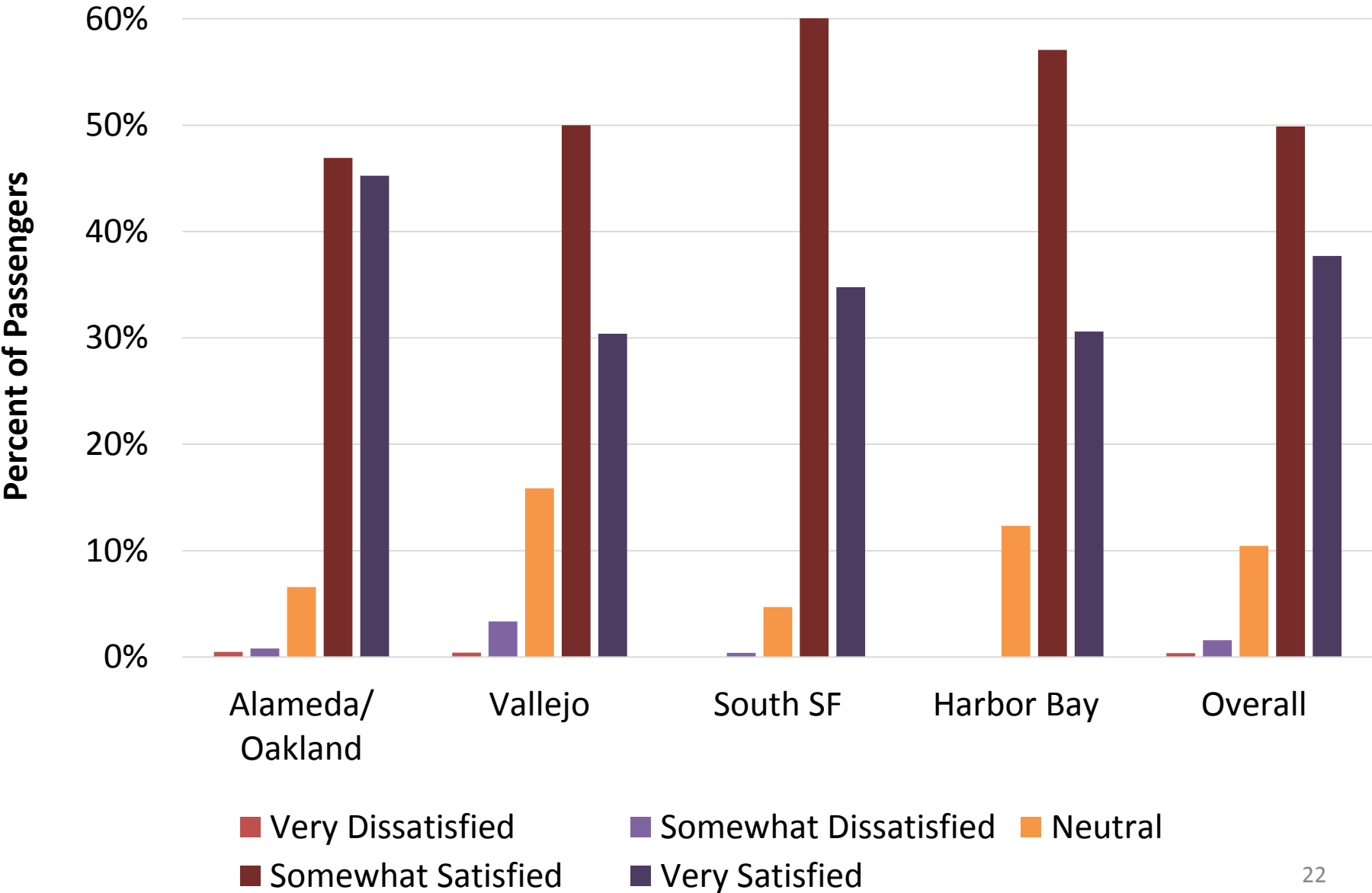
## Harbor Bay



# Why do you ride the ferry?



# Overall Satisfaction Ratings



- Insufficient off-peak service
- Fully occupied parking lot at the Harbor Bay terminal
- Insufficient transit access at Alameda, Harbor Bay, and Vallejo terminals
- Burdensome fare payment system:
  - Inability to add fares to a Clipper card at terminals
  - Long lines to buy tickets onboard
  - No mobile ticketing app
- Confusing or insufficient signage at terminals
- Lack of updates for service delays and cancellations
- Slow and irregular onboard Wi-Fi service

- Friendly and helpful onboard crews
- Appreciation for new boats (Cetus and Hydrus)
- Excitement for more new boats
- Reliability and on-time performance of the ferries
- Improvement in commute quality after switching over to ferry
- Option to buy snacks and drinks onboard

# Questions

