

Washington State Ferries 2040 Long Range Plan

Policy Advisory Group

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Meeting objectives

1. Confirm Policy Advisory Group roles
2. Provide background data on WSF existing conditions
3. Evaluate WSF strengths, weaknesses, opportunities, and threats

Agenda

- Welcome and introductions
- Affirm group roles and responsibilities
- Existing conditions
 - Fleet
 - Terminals
 - Origin and destination data
- SWOT analysis
- Next steps

Policy Advisory Group roles

The role of the Policy Advisory Group is to:

- Provide strategic advice on how to prioritize needs
- Represent group's or communities' interests and concerns
- Help disseminate plan updates and public involvement opportunities to key audiences
- Review and provide feedback on draft plan elements
- Collaboratively engage with other PAG members
- Assist in building/maintaining support for the plan

Policy Advisory Group roles

The WSF project team will:

- Provide background materials, data, and public input
- Respond to questions and requests quickly and as thoroughly as possible
- Attend PAG meetings to answer questions and inform discussion
- Consider and address PAG input when developing the plan
- Report back to PAG members on how the project team considered and addressed input in the final plan

Washington State Ferries fleet

- **Largest**



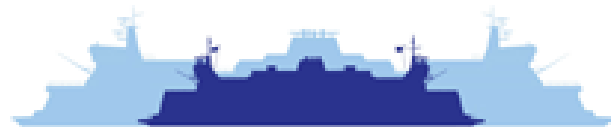
Jumbo Mark II

- **Large**



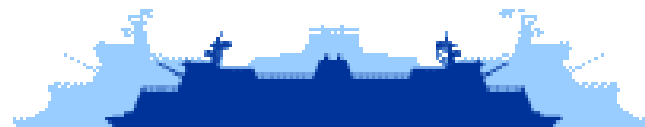
Jumbo

- **Smallest**



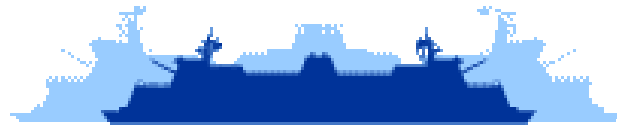
Kwa-di Tabil

- **Medium**



Issaquah

- **Newest**



Olympic

- **Old**



Super

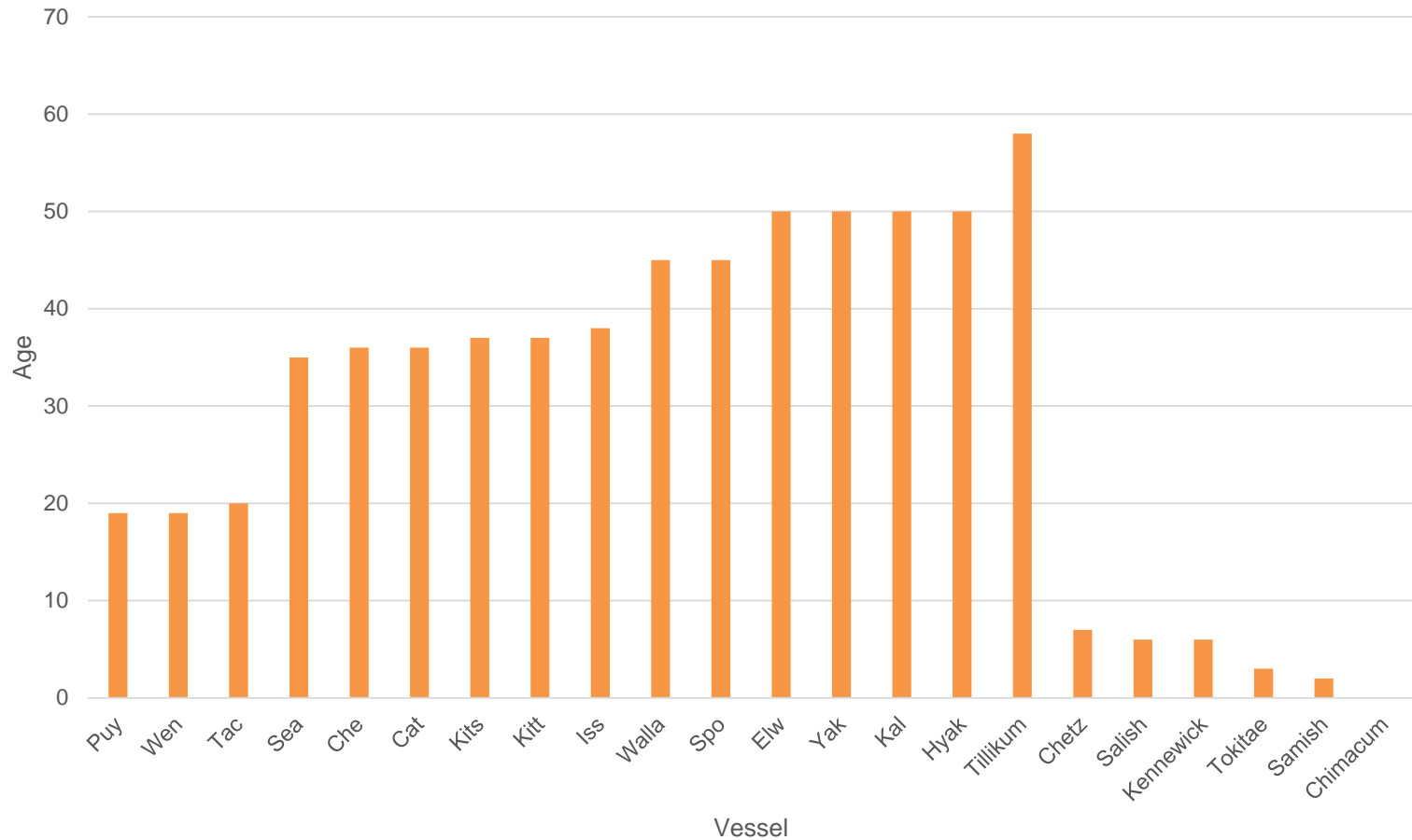
- **Oldest**



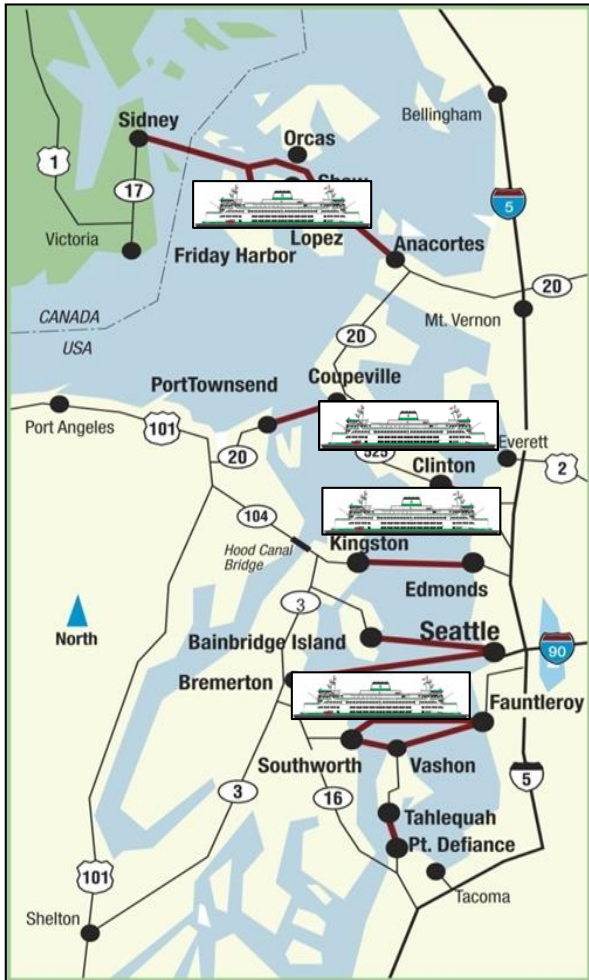
Evergreen State

Aging fleet

Vessel Age (2017)



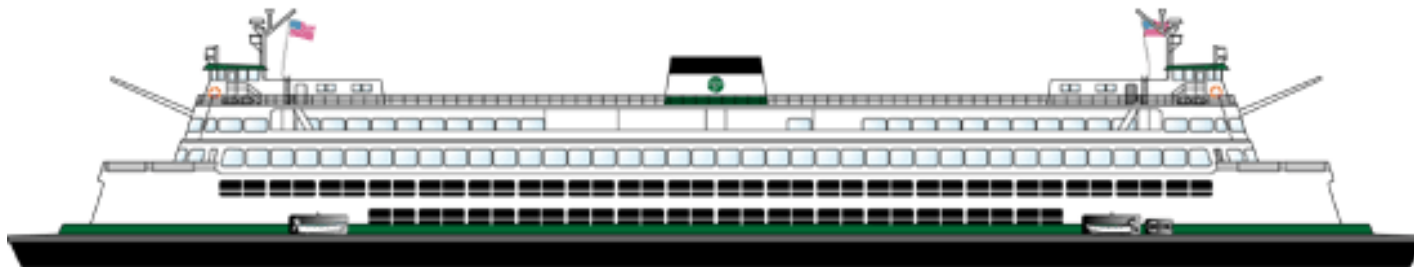
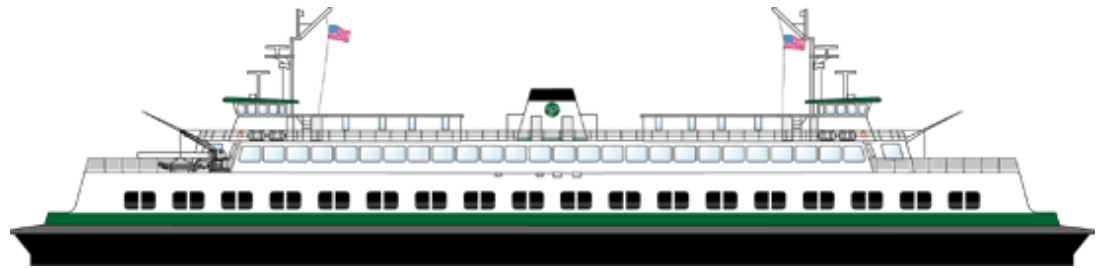
New Olympic Class vessels



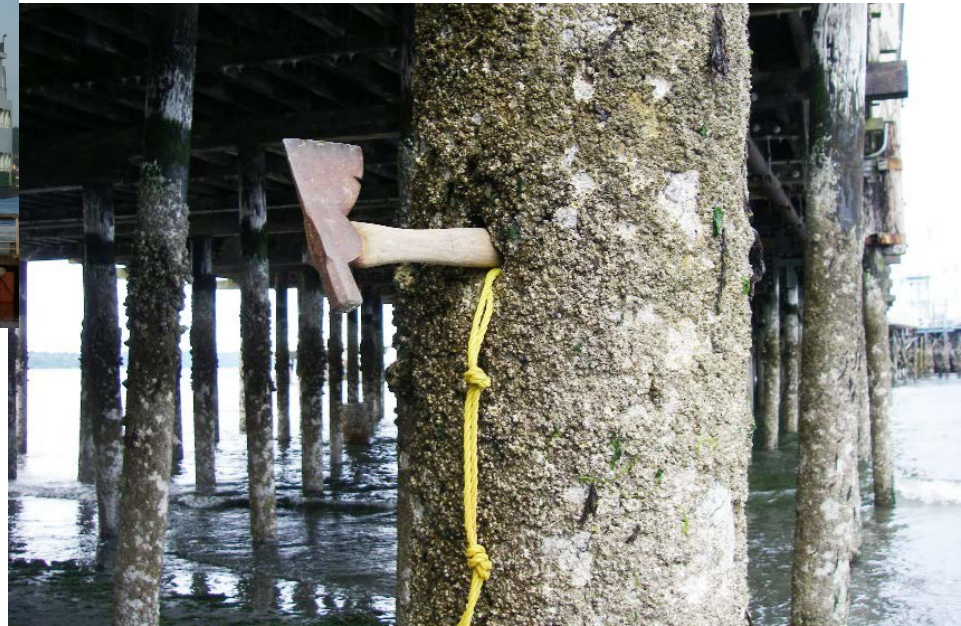
- 2014 – *Tokitae*
- 2015 – *Samish*
- 2017 – *Chimacum*
- 2018 – *Suquamish*

Oldest vessels in the fleet

- Super Class, 1967
 - M/V Hyak
 - M/V Kaleetan
 - M/V Yakima
 - M/V Elwha
- Evergreen State Class
 - M/V Tillikum, 1959



Terminals



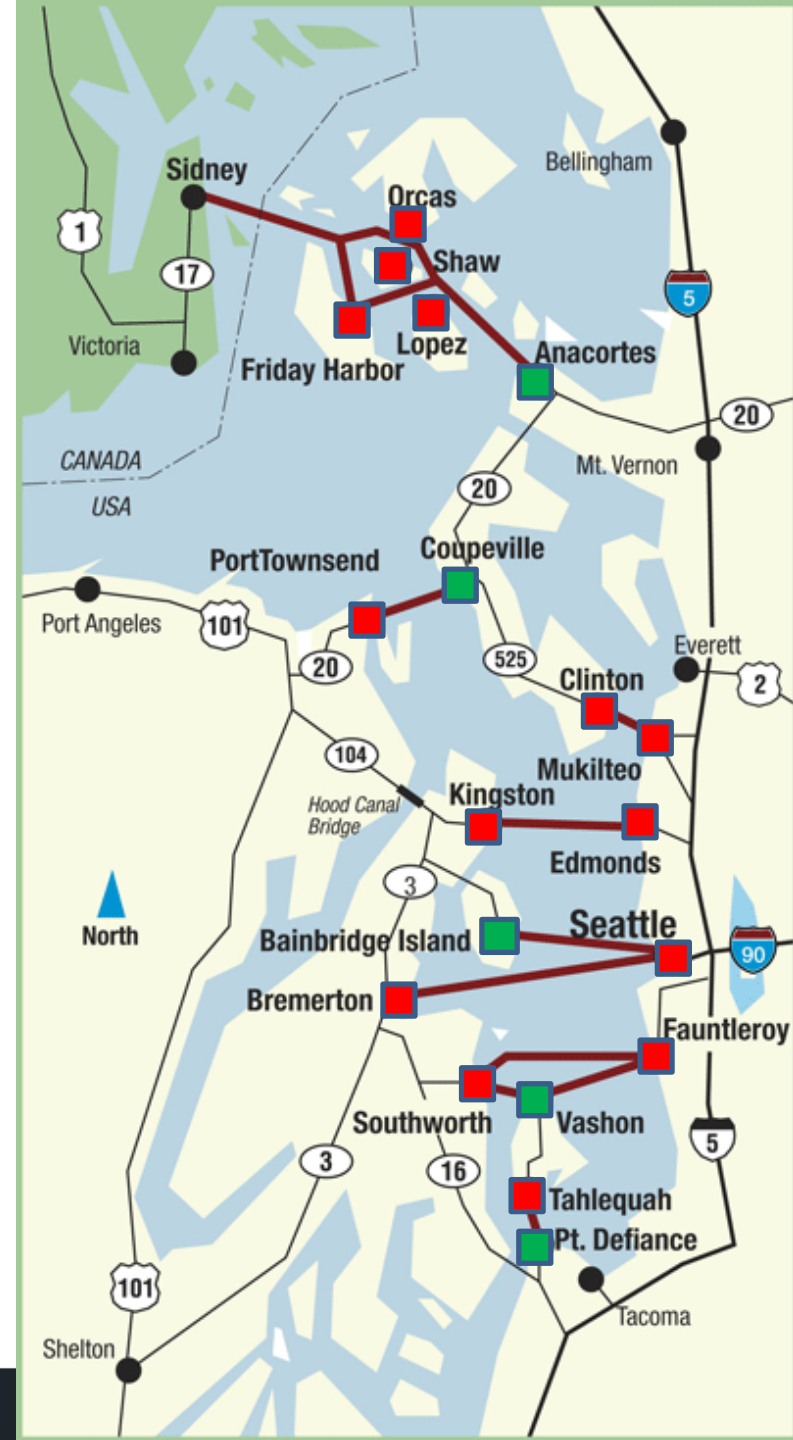
2017 Terminal operations: 100 year seismic event



Terminal out of service



Terminal remains open
(May have reduced service)



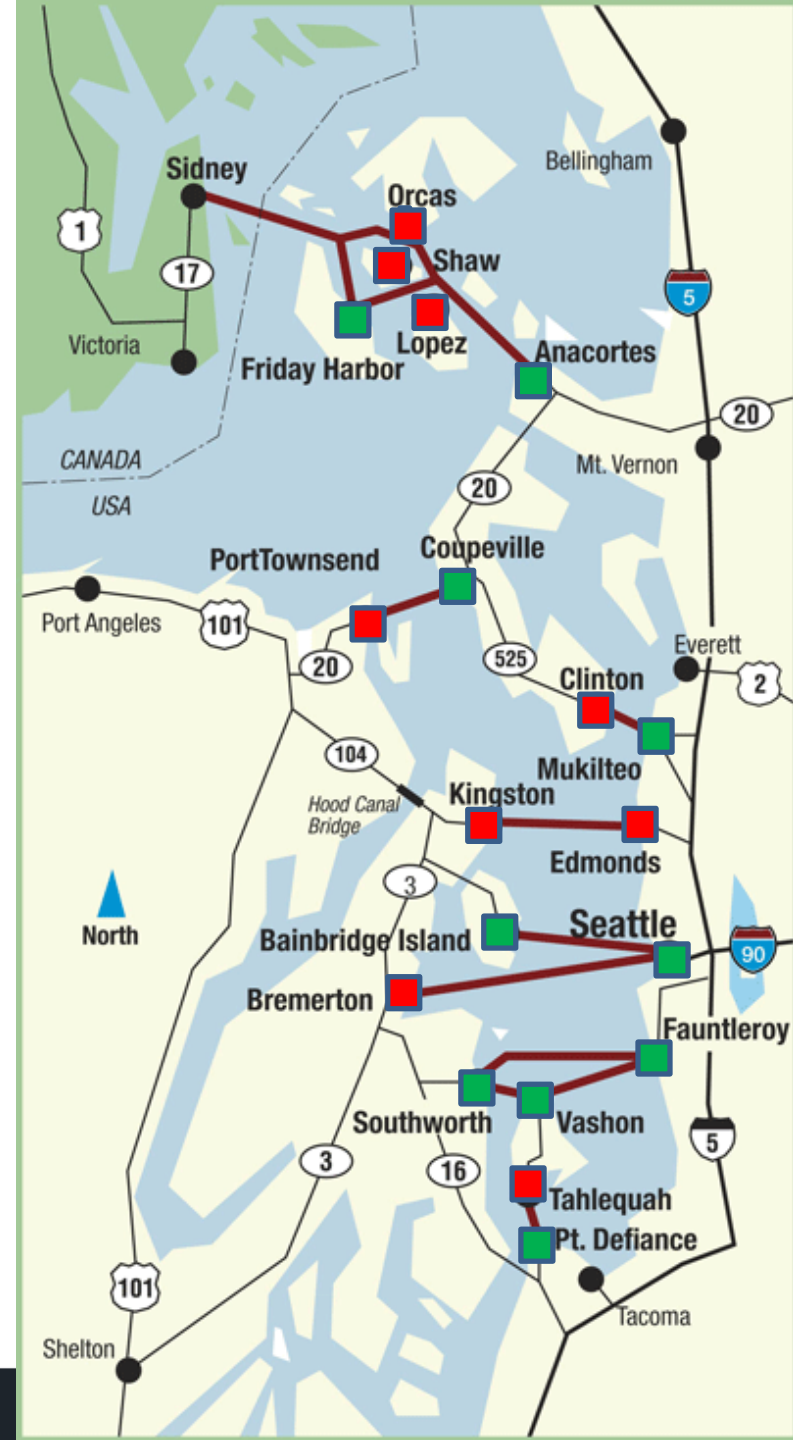
2027 Terminal operations: 100 year seismic event






Terminal out of service

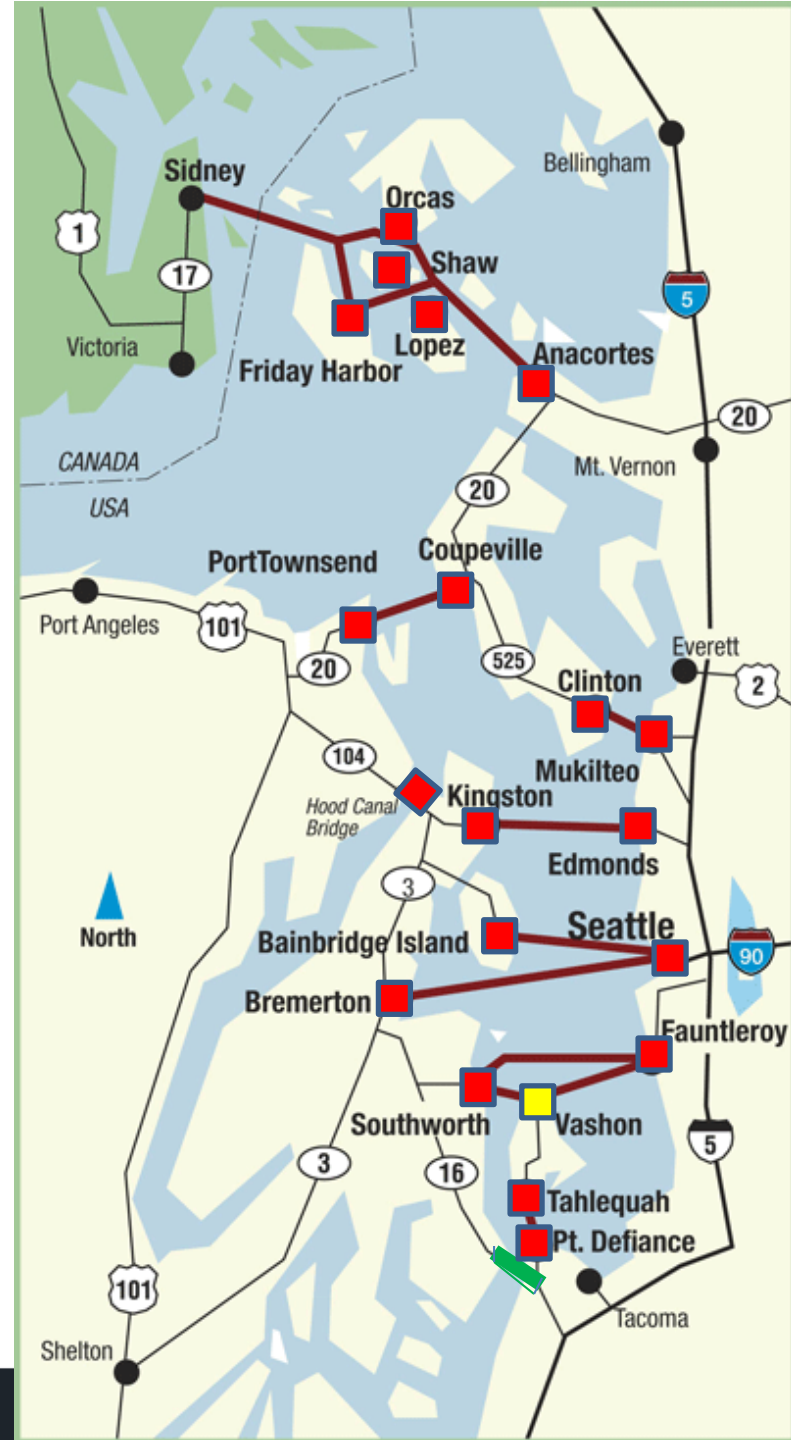


Terminal remains open
(May have reduced service)



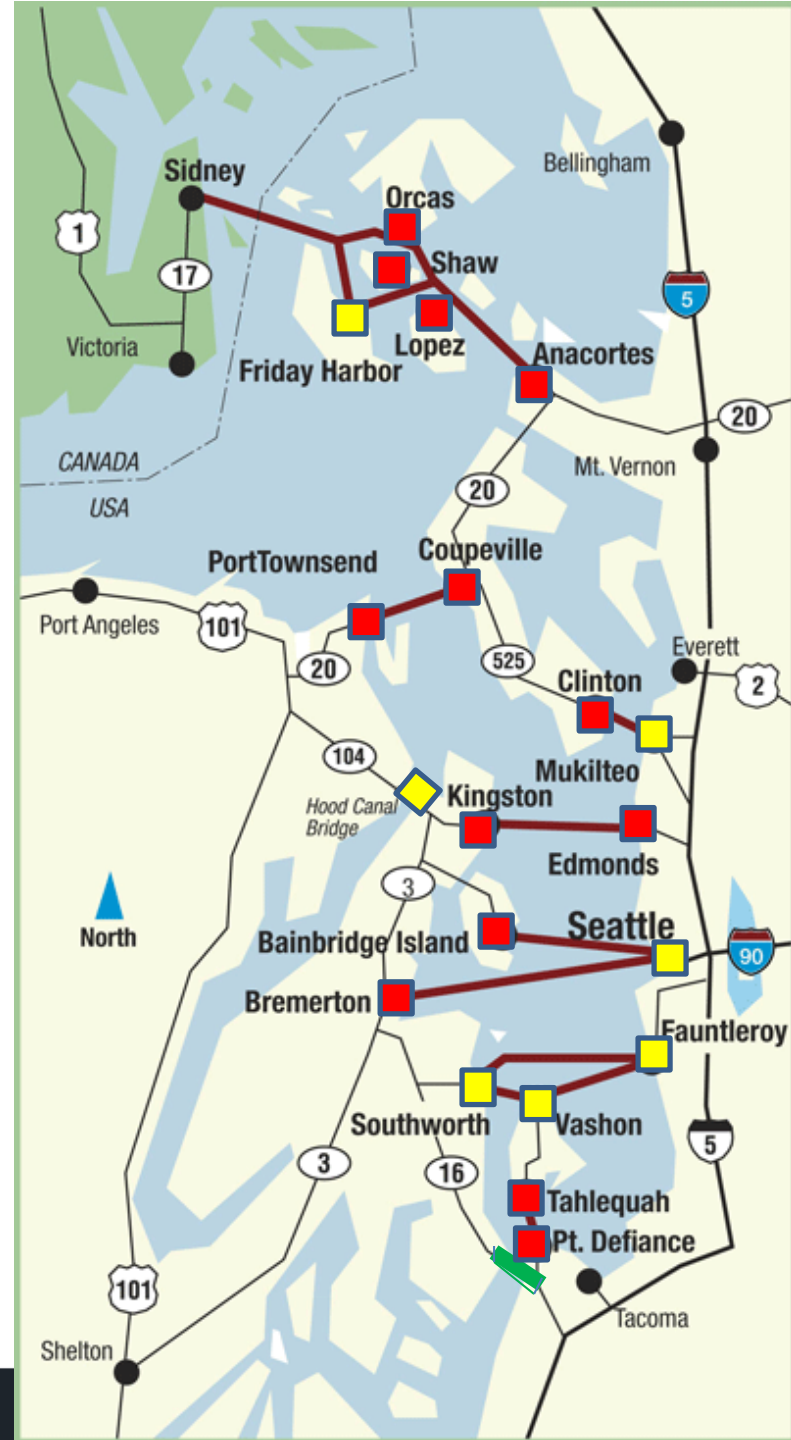
2017 Terminal operations: 1000 year seismic event

-  Terminal out of service
-  Terminal may require repairs
-  Terminal remains open



2027 Terminal operations: 1000 year seismic event

-  Terminal out of service
-  Terminal may require repairs
Life Safety Design Criteria
-  Terminal remains open



Origin-Destination Travel Survey overview (2013)

- WSF conducts survey every 7 years to identify changing trends in ferry user travel patterns
- Topics include:
 - Trip origin and destination locations
 - Travel mode
 - Trip purpose, frequency
 - Demographics
- Paper and electronic format
- 16,000 completed surveys
 - Cost: \$600k

2013 Washington State Ferries Travel Survey

Serial #: _____

**PLEASE HELP US IMPROVE FERRY SERVICE
RETURN COMPLETED FORM TO A SURVEY WORKER
AND YOU COULD WIN 1 OF 5 \$200 PRIZES!**

Every 7 years, Washington State Ferries conducts a survey to understand travel patterns of its riders. **Your participation is very important** because the results will shape the future of ferry service in Washington. Each person who fully completes a survey will be entered in a random drawing for one of five \$200 VISA gift cards. All information will be kept **strictly confidential**. If you prefer, you can complete this survey on-line at: www.wsferry.org (or use your smart phone to scan the QR code above)

HOME Address: (please be specific, ex: 123 Main St)
 OR Intersection if street address is not known: _____ & _____
 To be eligible for the prize drawing, please provide: City: _____ Zip: _____
 Name: _____ Phone number: _____ Email: _____

COMING FROM?	GOING TO?
1. What type of place are you COMING FROM now? (where was the starting point for your previous trip before you got to this ferry? - do not list the terminal where you boarded this ferry) <input type="checkbox"/> Your WORKPLACE <input type="checkbox"/> Shopping <input type="checkbox"/> School (students only) <input type="checkbox"/> Somewhere else <input type="checkbox"/> Your HOME address above → Go to Question #4	5. What type of place are you GOING TO now? (where is the final destination for your previous trip after you get off this ferry? - do not list the terminal where you will get off this ferry) <input type="checkbox"/> Your WORKPLACE <input type="checkbox"/> Shopping <input type="checkbox"/> School (students only) <input type="checkbox"/> Somewhere else <input type="checkbox"/> Your HOME address above → Go to Question #8
2. What is the NAME of the place you started this trip? _____	6. What is the NAME of your final destination today? _____
3. What is the EXACT STREET ADDRESS of this place? _____ OR Intersection if street address is not known: _____ & _____ City: _____ Zip: _____ Nearest Landmark: _____	7. What is the EXACT STREET ADDRESS of this place? _____ OR Intersection if street address is not known: _____ & _____ City: _____ Zip: _____ Nearest Landmark: _____
4. How did you get from the place in Question #1 to the terminal where you boarded this ferry? CHECK ALL THAT APPLY <input type="checkbox"/> Walked two or more blocks to the ferry terminal <input type="checkbox"/> Bike <input type="checkbox"/> Bus <input type="checkbox"/> Dropped off <input type="checkbox"/> Other ferry <input type="checkbox"/> Train <input type="checkbox"/> Taxi <input type="checkbox"/> Vanpool parked at terminal <input type="checkbox"/> DRIVER of Vehicle / Motorcycle <input type="checkbox"/> PASSENGER of Vehicle / Motorcycle <input type="checkbox"/> Zipcar / car2go <input type="checkbox"/> Other: _____	8. How will you get from this ferry to the place you listed in Question #5? CHECK ALL THAT APPLY <input type="checkbox"/> Walk two or more blocks from the ferry terminal <input type="checkbox"/> Bike <input type="checkbox"/> Bus <input type="checkbox"/> Pick-up <input type="checkbox"/> Other ferry <input type="checkbox"/> Train <input type="checkbox"/> Taxi <input type="checkbox"/> Vanpool parked at terminal <input type="checkbox"/> DRIVER of Vehicle / Motorcycle <input type="checkbox"/> PASSENGER of Vehicle / Motorcycle <input type="checkbox"/> Zipcar / car2go <input type="checkbox"/> Other: _____

Current Trip (answer the following based on your current one-way trip between the places above)

9. **NOT** counting yourself, how many people are traveling with you?
 None (if you are traveling alone)
 One or more → How many are... Under age 6: _____ age 6-17: _____ 18-64: _____ Over 65: _____

10. What was the scheduled depart time of the ferry you are on right now? Depart Time: _____ : _____ AM PM

11. Is this the sailing you wanted today?
 YES NO, I prefer a different departure time (specify time): _____ : _____ AM PM
 YES, and I had a reservation NO, I prefer a different route (specify route): _____

12. About how many minutes did you wait to board this ferry? Number of minutes: _____

13. Where did you wait to board this ferry?
 in passenger terminal in vehicle holding area On Street Other (specify): _____

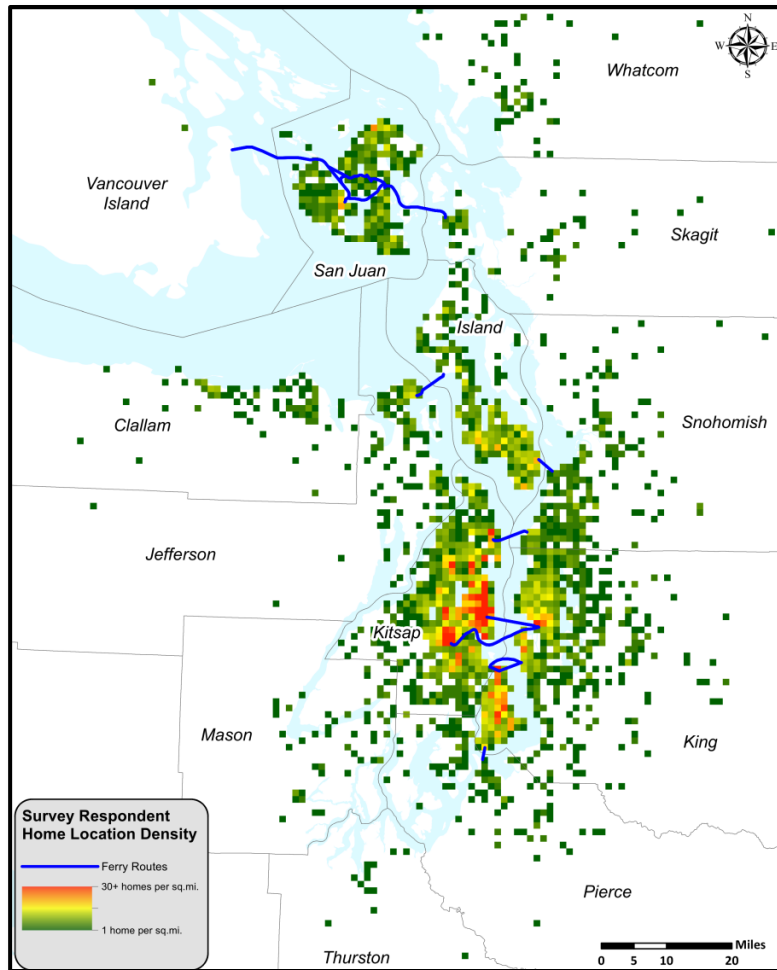
14. What type of **FARE** did you pay for this one-way trip? (check ONE)
 Free (no fare collected for trip / fare collected in other direction) Vehicle 14-22 feet / driver full fare
 Passenger full fare Vehicle 14-22 feet / driver discounted multi-ride card
 Passenger with bicycle Vehicle under 14 feet / driver full fare
 Passenger discounted multi-ride card Vehicle under 14 feet / driver discounted multi-ride card
 Passenger with monthly pass Motorcycle / rider Recreational vehicle longer than 22 feet
 Passenger youth fare Trunk longer than 22 feet
 Passenger senior / disabled fare Other (specify): _____

15. If you paid a fare, how did you pay? Cash Credit / Debit ORCA

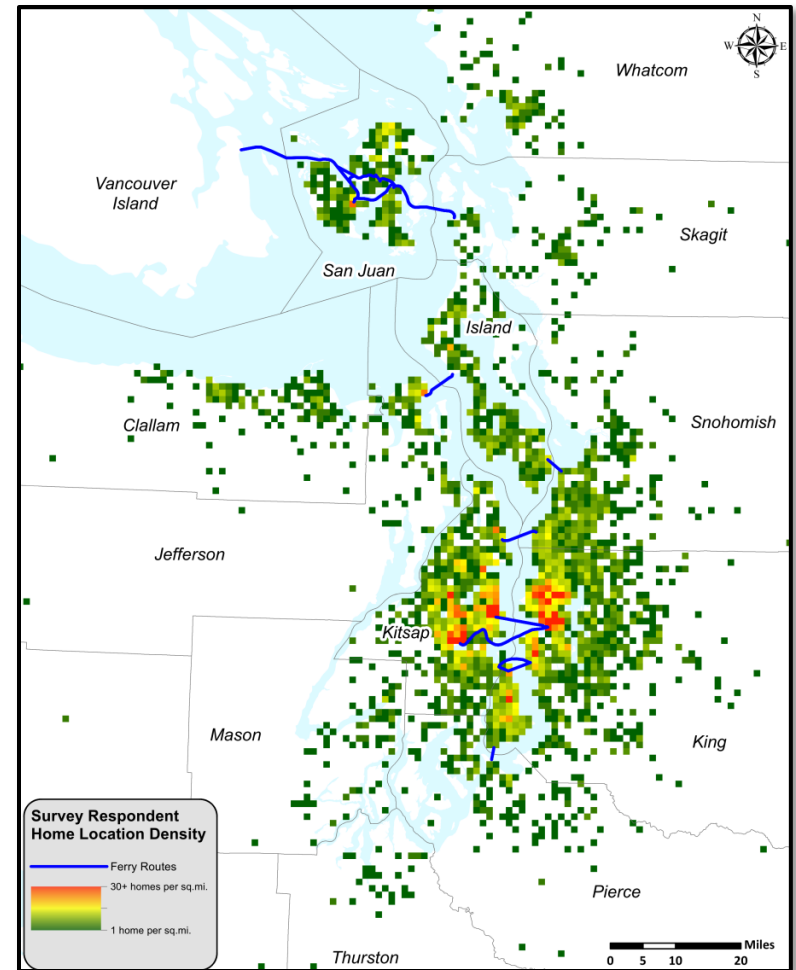
Please complete the questions on the back.

O-D Survey results: Rider home locations

Weekday

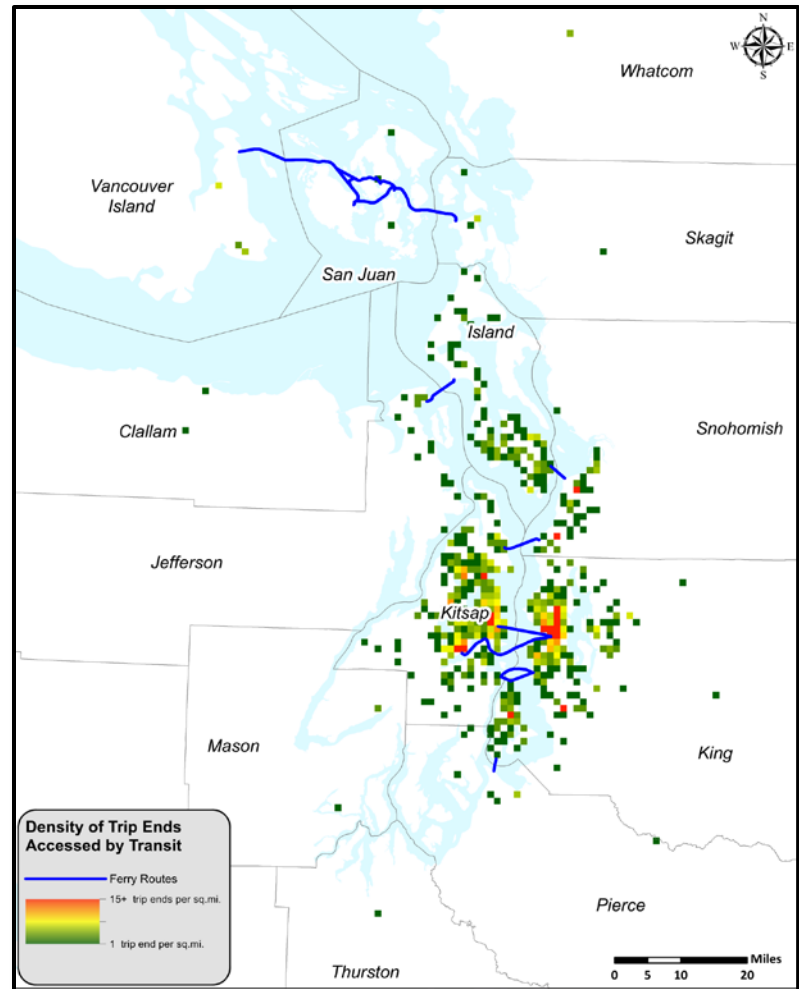


Saturday



O-D Survey results: Transit access to terminals

- Ferry riders connecting by transit account for:
 - **13%** of weekday ridership
 - **4%** of Saturday ridership
- Transit use concentrated close to ferry terminals



O-D Survey results: Non-motorized connections

Walk access to and from terminals:

- 15% of weekday ridership
- 11% of Saturday ridership

Bike access to and from terminals:

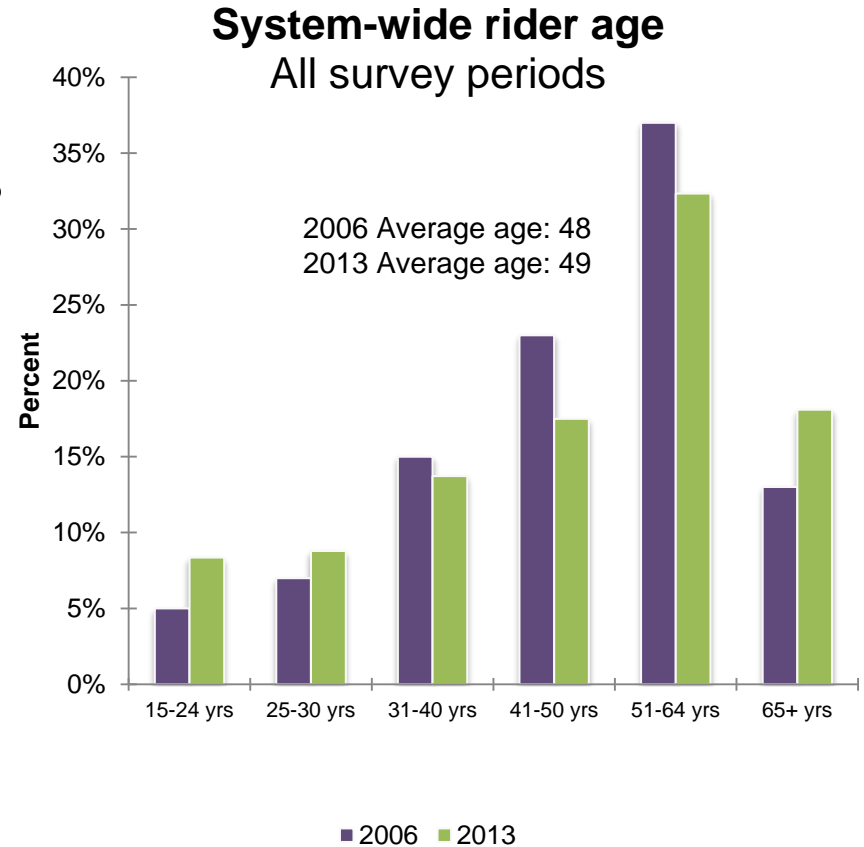
- 3% of weekday ridership
- 1% of Saturday ridership

O-D Survey results: Vehicle boardings that could shift to non-motorized

- Approximately **12%** of survey respondents who boarded by car live within 2 miles of the ferry terminal
- About **15%** of vehicle boardings have a trip origin or destination within 2 miles of the terminal
- **3%** of vehicle trips have both an origin and destination within 2 miles of the terminal

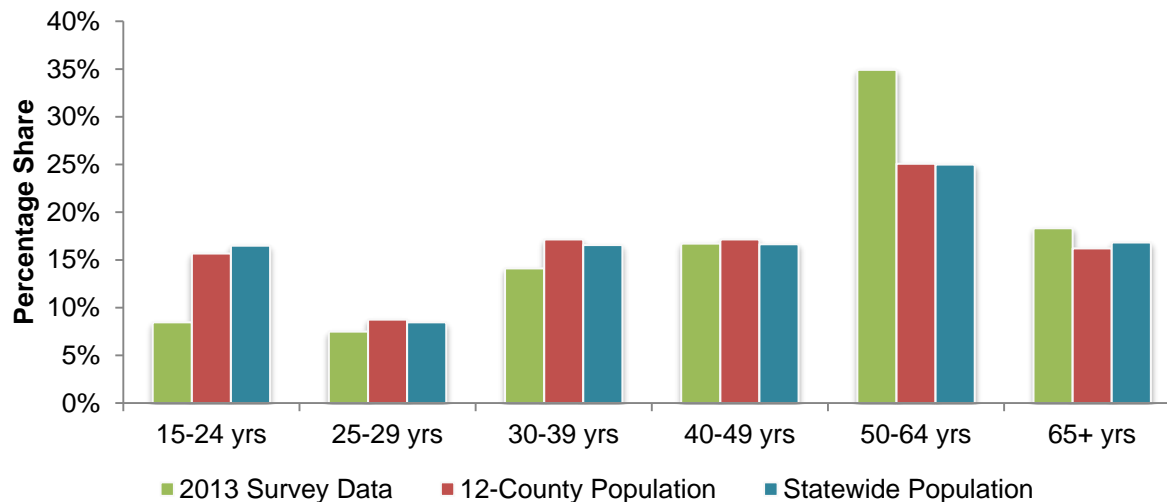
O-D Survey results: Aging population of riders system-wide

- Baby Boomers are shifting into retirement age, while Millennials are emerging as a larger group than Generation X
- **18%** of riders are retired
- Another **14%** not already retired are planning to retire in the next 5 years



O-D Survey results: Aging population of riders system-wide

- Higher percentage of survey respondents in 50 to 64-year range compared to 12-county and statewide populations



Data Source: Washington State Office of Financial Management (OFM)

O-D survey results: System-wide findings

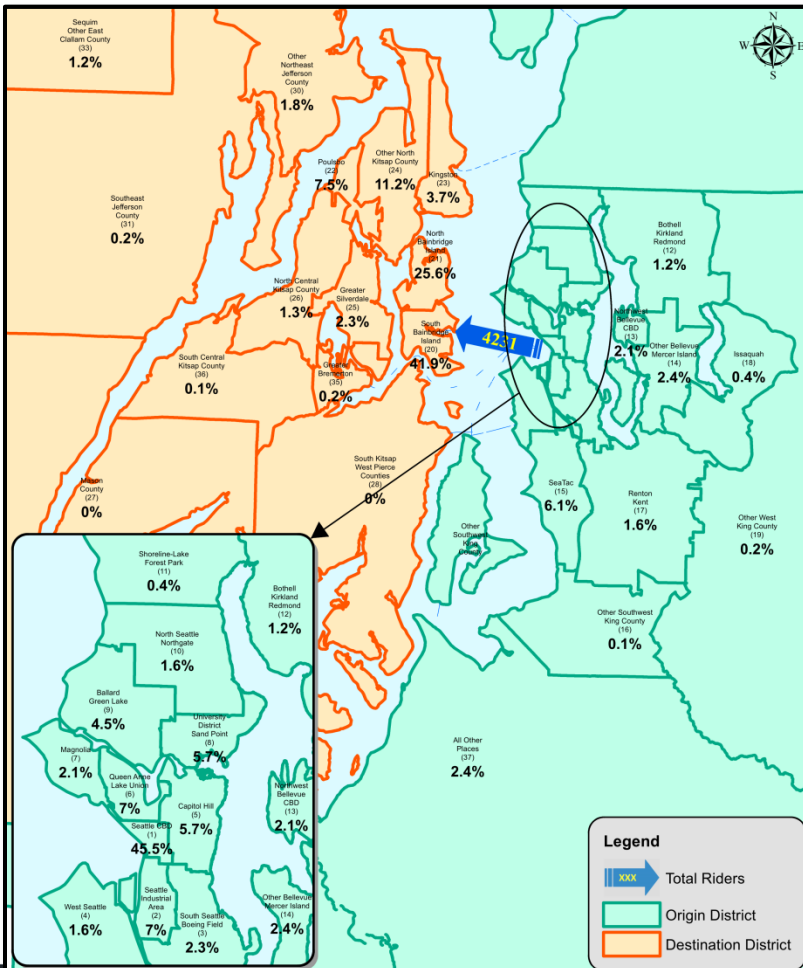
Population growth and ridership

Year	12-county Population	System-wide Ridership
1999	3.9 million	72,200 per day
2006	4.3 million	65,300 per day
2013	4.6 million	61,700 per day
2016	4.9 million	66,315 per day

O-D Survey results: Origin and destination district maps

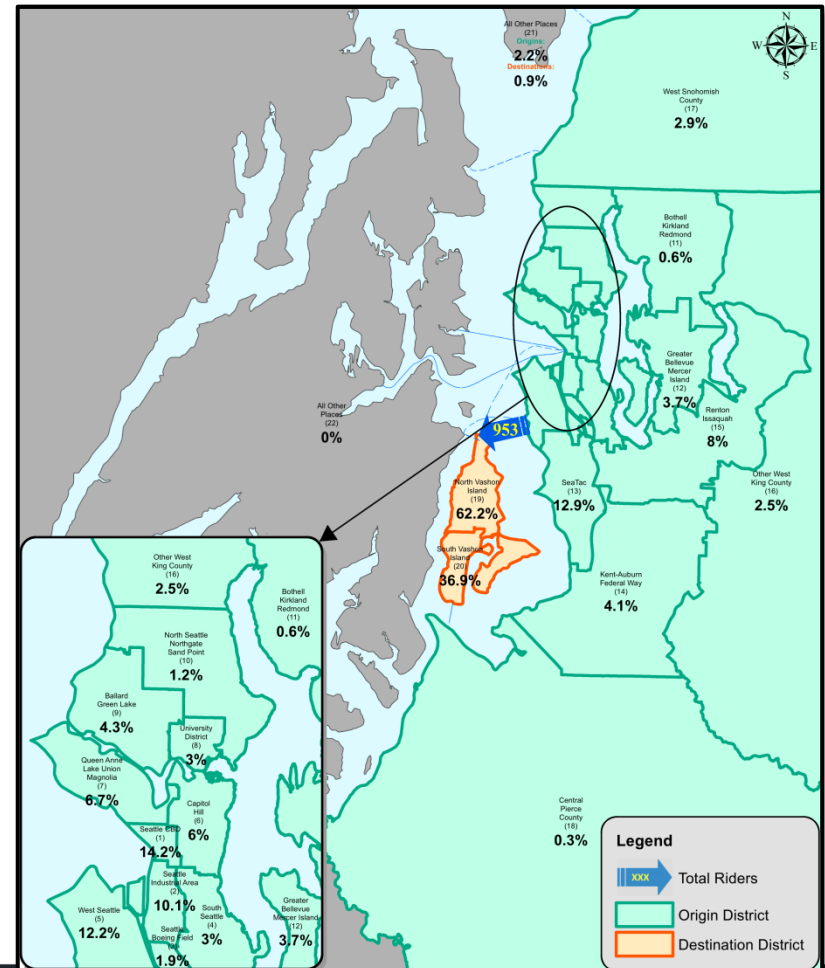
Seattle–Bainbridge Island

Weekday PM Peak Period, Westbound



Fauntleroy–Vashon

Weekday PM Peak Period, Westbound



Long Range Plan SWOT analysis

- Strengths (Internal)
- Weaknesses (Internal)
- Opportunities (External)
- Threats (External)

Look ahead

- WSF finalizes plan scope and hires consultant
- Next PAG meeting: November