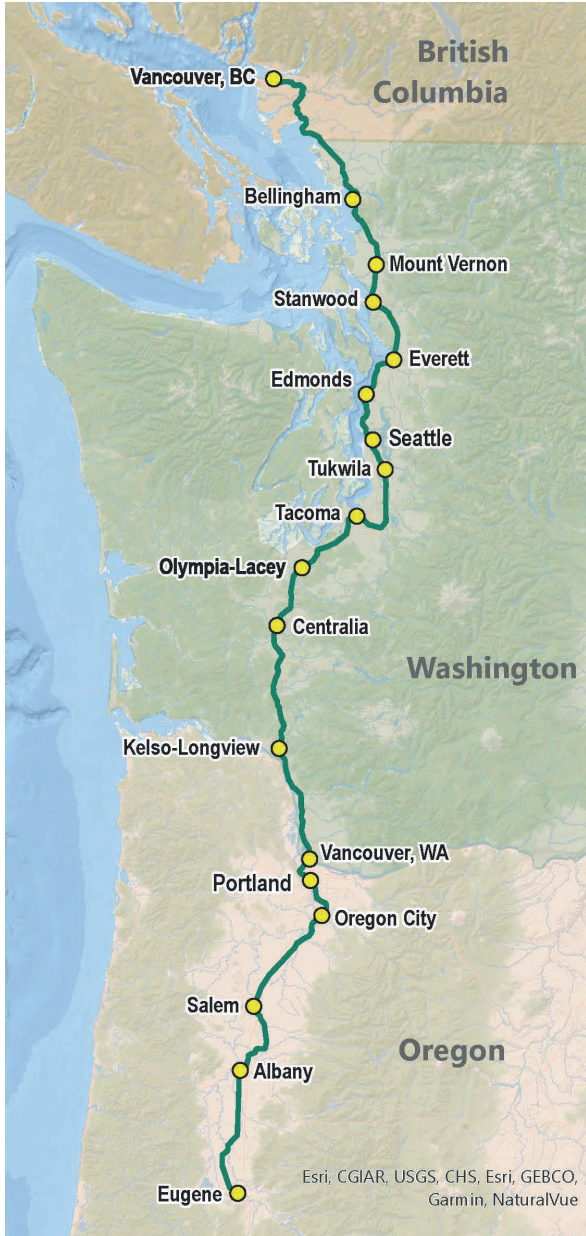


Amtrak Cascades: 2023 Performance Data Report



Contents

Performance Dashboard – 2023 [\(p. 2\)](#)

Overview – 2023 [\(p. 3\)](#)

Amtrak Cascades Corridor

- 10-Year Ridership with Historical References – 2014-2023 [\(p.4\)](#)
- 10-Year Ridership by Funding Partners – 2014-2023 [\(p. 5\)](#)
- 10-Year Ticket Revenue by Funding Partners – 2014-2023 [\(p. 6\)](#)
- 10-Year Passenger Miles by Segment – 2014-2023 [\(p. 7\)](#)
- 5-Year Monthly Ridership Comparison – 2019-2023 [\(p. 8\)](#)
- 5-Year Monthly Ticket Revenue Comparison – 2019-2023 [\(p. 9\)](#)
- Annual Ridership by Segment – 2023 [\(p. 10\)](#)
- 5-Year Annual Pets and Bicycles On-board – 2019-2023 [\(p. 11\)](#)
- Annual Station On-Offs – 2023 [\(p. 12\)](#)
- Annual Ticket Revenue by City Pair – 2023 [\(p. 13\)](#)
- Annual Ticket Revenue by Station – 2023 [\(p. 14\)](#)

Washington-Supported Amtrak Cascades Service

- 10-Year On-Time Performance – 2014-2023 [\(p. 15\)](#)
- Total Operating Cost, Revenue & Farebox Recovery Rate – 2014-2023 [\(p. 16\)](#)

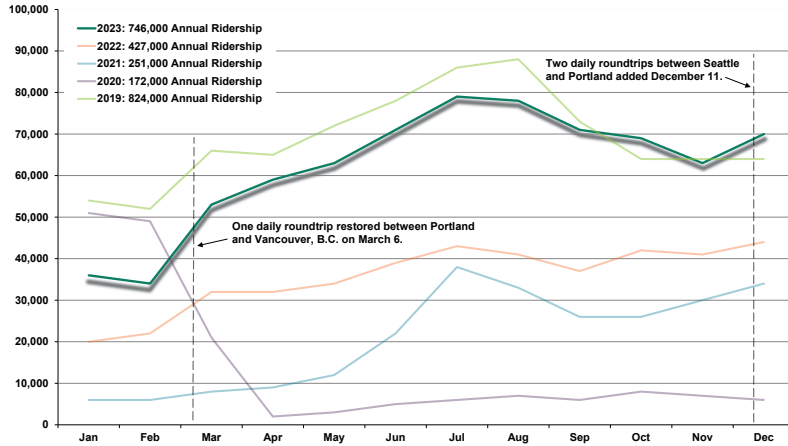
WSDOT Rail, Freight, and Ports Division
Contact: rail@wsdot.wa.gov or 360-705-7900



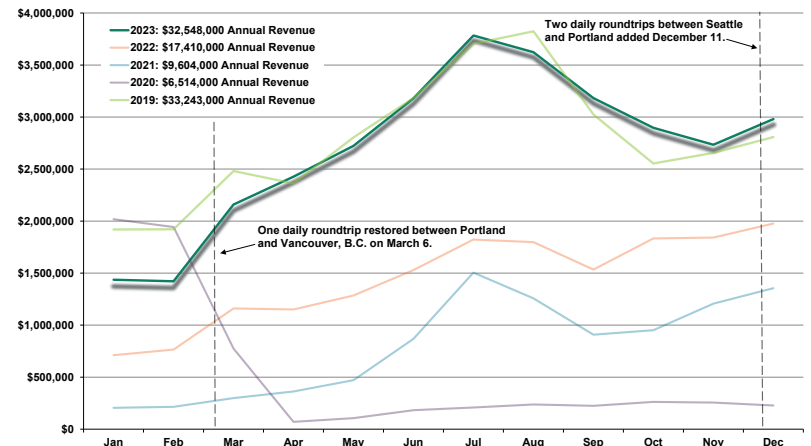
Performance Dashboard – 2023*

In 2023, Amtrak Cascades transported 746,000 riders with \$32,548,000 in ticket revenue.

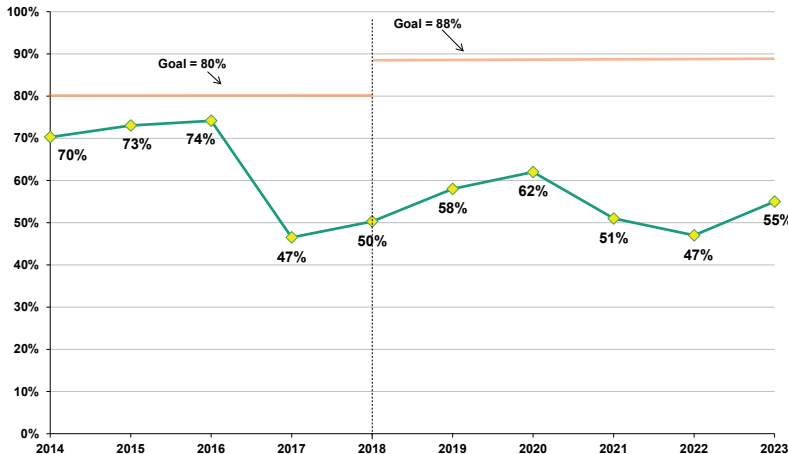
5-Year Monthly Ridership Comparison – 2019-2023



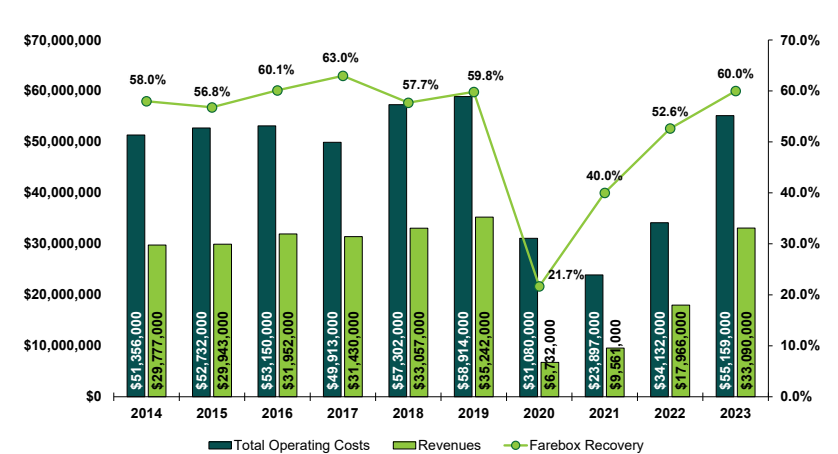
5-Year Monthly Ticket Revenue Comparison – 2019-2023



10-Year On-Time Performance – 2014-2023 Washington-supported trains only



Total Operating Cost, Revenue & Farebox Recovery Rate – 2014-2023 Washington-supported trains only



*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

Overview – 2023

The Amtrak Cascades intercity passenger rail system is a service funded by the Washington State Department of Transportation (WSDOT) and the Oregon Department of Transportation (ODOT). As sponsors and good stewards of state funds, WSDOT is committed to monitoring and reporting on Amtrak Cascades’ performance.

This 2023 Annual Performance Data Report provides historical perspective trends in ridership, ticket revenue, passenger miles, on-time performance, and operating costs. It is designed to offer a quick reference for citizens, policymakers, and interested parties interested in understanding how the state sponsored passenger rail program performs.

2023 showed significant increases across the Amtrak Cascades corridor as ridership and revenue approached pre-pandemic levels. The March 2023 restoration of the daily roundtrip between Portland, Seattle, and Vancouver, B.C. resulted in a significant increase in service, reconnecting the three busiest stations on the corridor and greatly contributing to the 75% increase in ridership and 87% increase in revenue year-over-year. In December 2023, two new daily roundtrips were added between Portland and Seattle, allowing for expanded travel options with departures and arrivals earlier in the morning and later in the evening.

Trips within the Seattle and Portland segment and Seattle and Vancouver, B.C. segment accounted for more than 75% of all riders in 2023. The third and fourth most popular city pairs in 2023 were between Seattle and Vancouver, WA and between Portland and Tacoma. With cross segment service restored, trips between Vancouver, B.C. and Portland returned and reconnected the two cities without needing to transfer to another train in Seattle.

Segment	Trains
Seattle, WA - Portland, OR	500,502,503,504,505,506,507,508,509,511,517,518
Seattle, WA - Eugene, OR	504,505,507,508
Seattle, WA- Vancouver, BC	516,517,518,519
Schedule Changes in 2023	
Trains 517 (Vancouver, BC - Portland, OR) and 518 (Portland, OR - Vancouver, BC) returned to service 3/6/23	
Two new Seattle, WA - Portland, OR round trip routes were added 12/11/23 (502,506,509,511)	

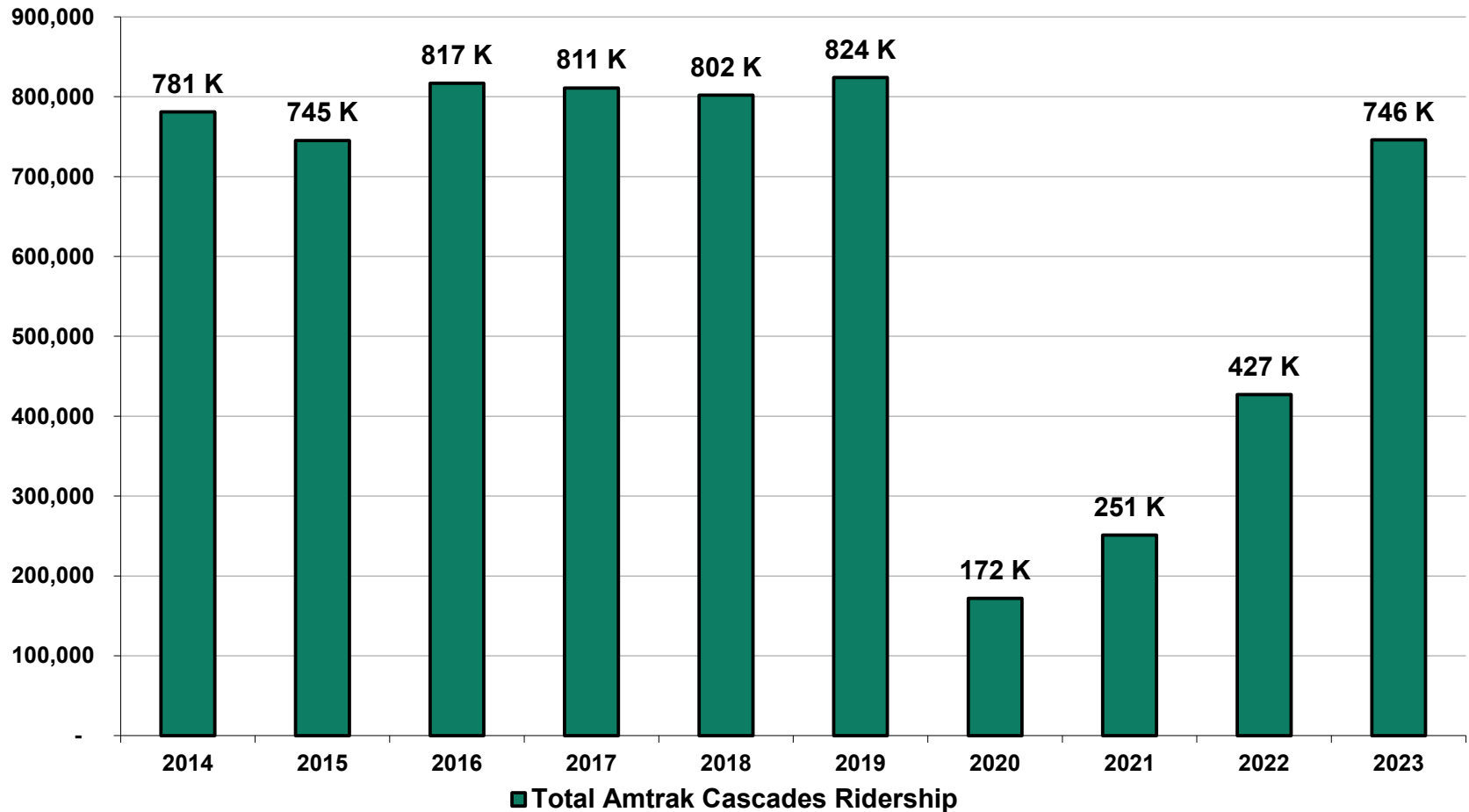
As a result of two new roundtrips between Portland and Seattle and the resumption of Trains 517 and 518 between Seattle and Vancouver, B.C., ridership increased 75% from 427,000 in 2022 to 746,000 in 2023. Ticket revenue totaled \$32.5 million in 2023, an increase of 87% from \$17.4 million in 2022. On-time performance remains a topic of significant concern for the Amtrak Cascades service. In 2023, Amtrak Cascades on-time performance rose to 55% compared to 47% in 2022 and 51% in 2021. On-time performance remains below the goal of 88% that was contractually negotiated with track-owner BNSF, and operator Amtrak.

10-Year Ridership* with Historical References – 2014-2023

Year	Ridership	Highlights
2023	746,000	WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11. Ridership increased by 75% and revenue increased by 87% from 2022 to 2023.
2022	427,000	WSDOT and Amtrak added a second connecting intercity bus between Seattle and Bellingham on February 28. Amtrak Cascades restarted one daily roundtrip to Canada, between Seattle and Vancouver, B.C., on September 26. Ridership increased 71% and revenue increased 81% from 2021 to 2022.
2021	251,000	A second daily roundtrip between Seattle and Eugene and a third daily roundtrip between Seattle and Portland began operations on May 24. Amtrak Cascades trains returned to the Point Defiance Bypass on November 18. Ridership increased 46% and revenue increased 47% when compared to 2020.
2020	172,000	Amtrak Cascades reduced service to one round trip between Seattle and Eugene (down from two round trips between Seattle and Vancouver, B.C., four round trips between Seattle and Portland, and two round trips between Portland and Eugene) due to the COVID-19 pandemic restrictions and reduced demand. Ridership decreased 79% and revenue decreased 80% compared to 2019.
2019	824,000	Ridership increased nearly 3% and revenue increased 6% compared to 2018. On-time performance improved significantly over the course of 2019, rising from 45% in the first quarter to 71% in the last quarter.
2018	802,000	New Charger locomotives successfully completed first year of operations in the Pacific Northwest.
2017	811,000	WSDOT completed all remaining federally-funded capital projects and launched WSDOT's Stay Back From The Tracks safety campaign. The Point Defiance Bypass derailment occurred in December.
2016	817,000	Ridership increased by approximately 10% over 2015. WSDOT completed five of the capital construction projects funded by the federal ARRA program, for a total of 14 of 20 projects completed. The Pets on Trains program began in March.
2015	745,000	The new Tukwila Station was dedicated in February. Amtrak Cascades commemorated 20 years of service at Pacific Central Station in Vancouver, B.C.
2014	781,000	ODOT added two trainsets to the Amtrak Cascades service: Mt. Bachelor and Mt. Jefferson.

*Ridership numbers are rounded to the nearest 1,000.

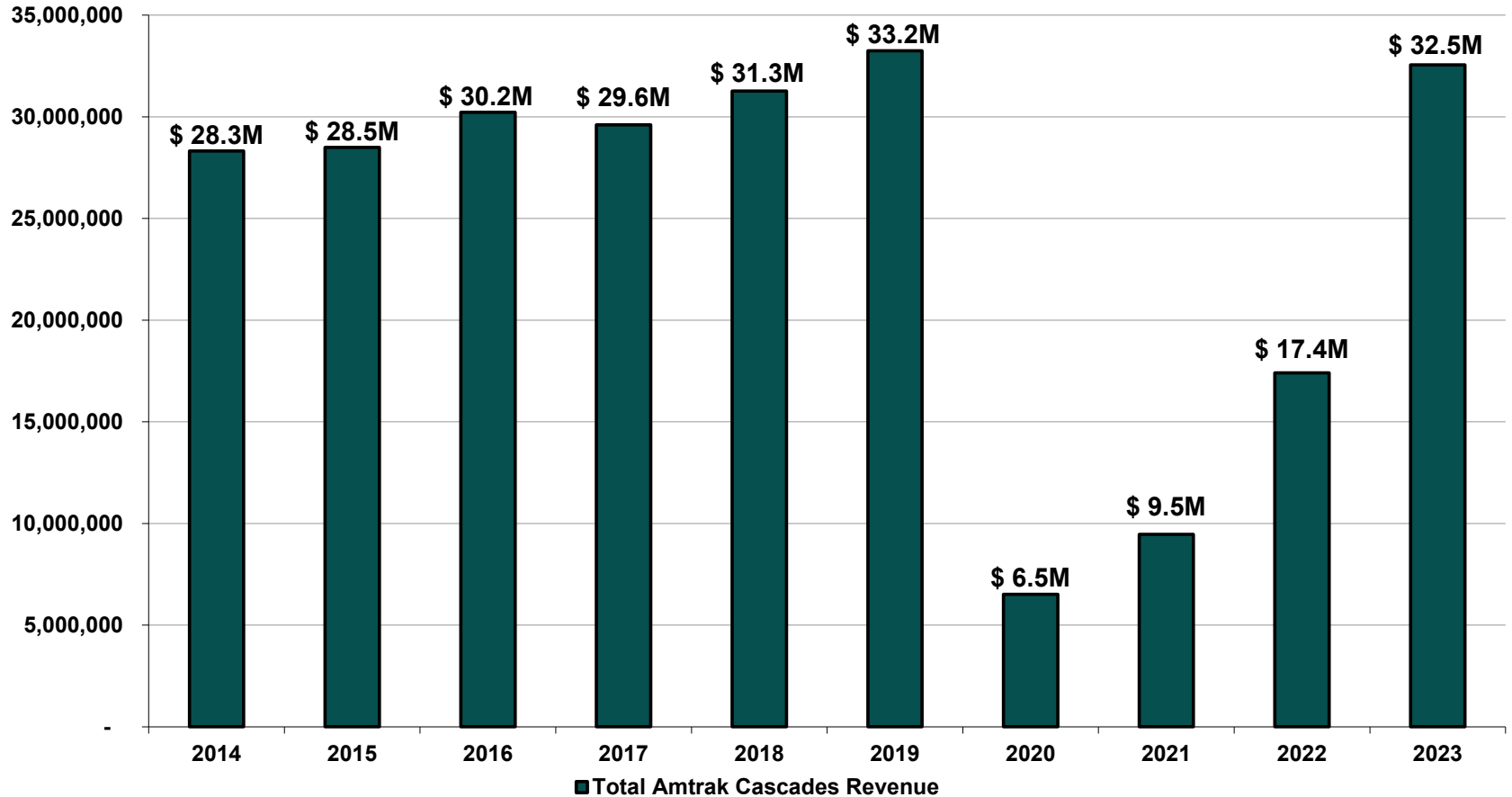
10-Year Ridership for Amtrak Cascades– 2014-2023*



* In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

Amtrak Cascades Ridership approached pre-pandemic levels in 2023 after consistent and continuous growth since 2020.

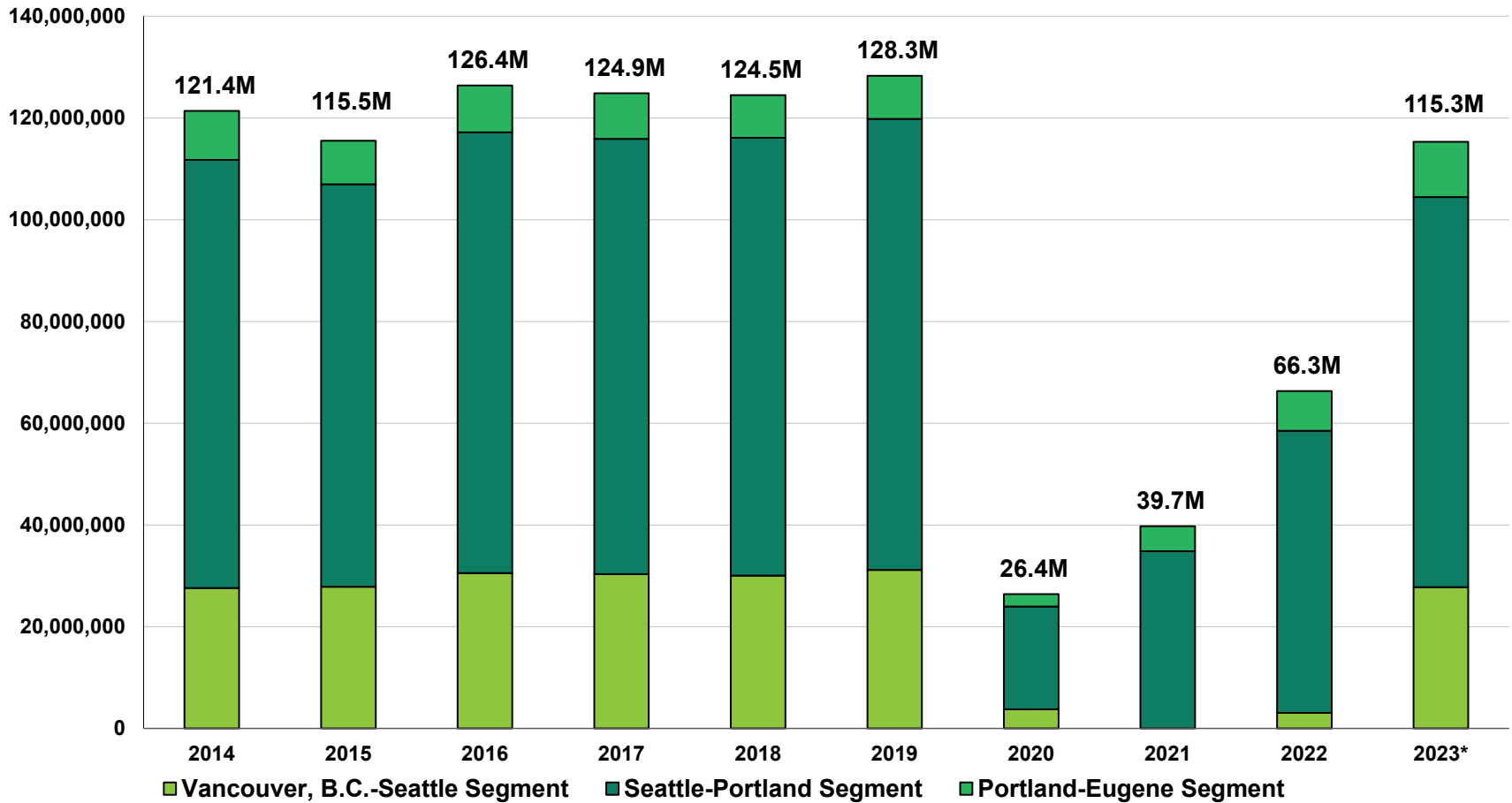
10-Year Ticket Revenue for Amtrak Cascades– 2014-2023*



*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

The total ticket revenue for Amtrak Cascades reached pre-pandemic levels in 2023, marking an 87% increase from 2022.

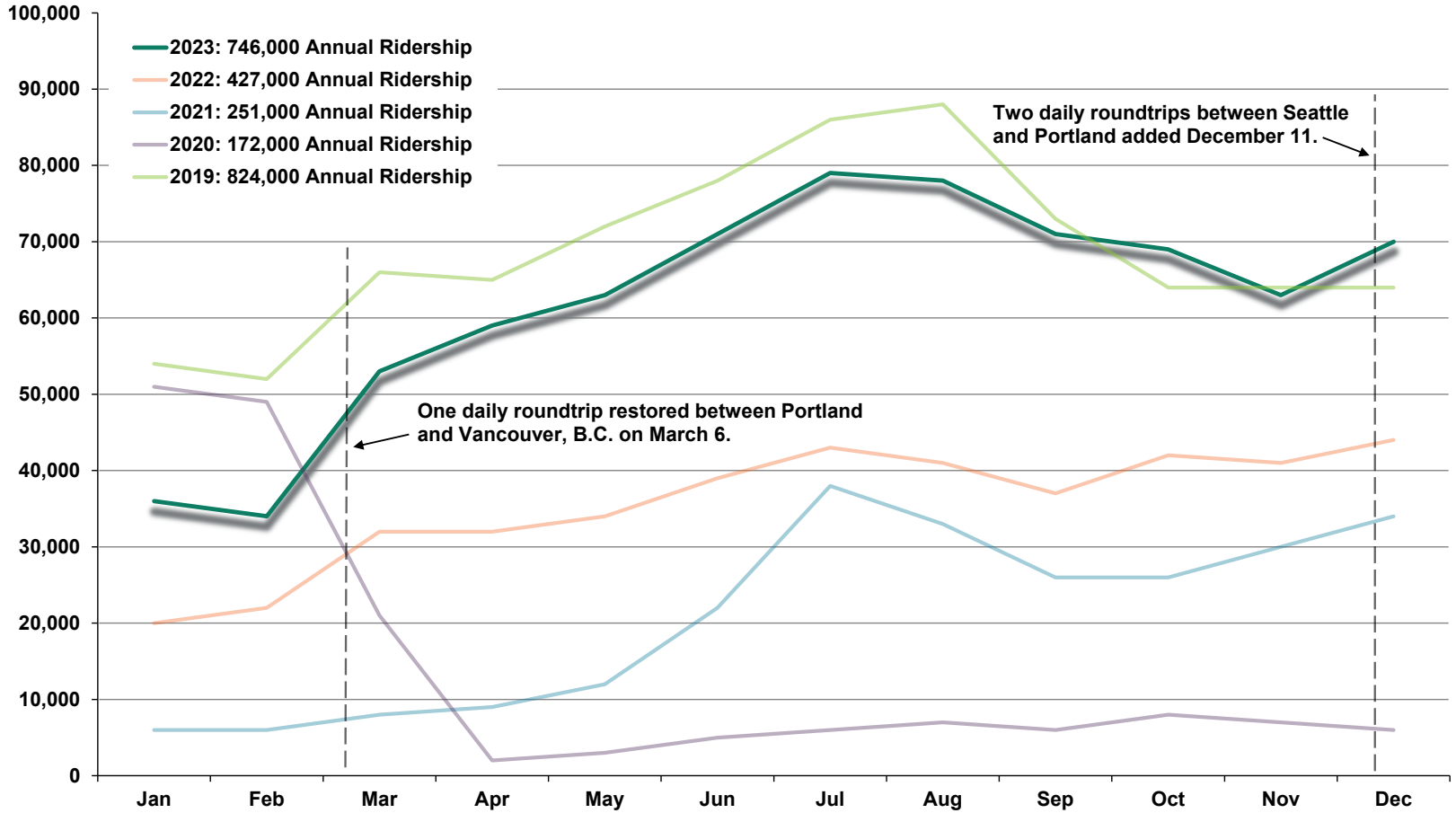
10-Year Passenger Miles by Segment – 2014-2023⁺



*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

⁺Passenger miles are calculated by WSDOT multiplying the number of riders by the miles between city pairs, and then summed.

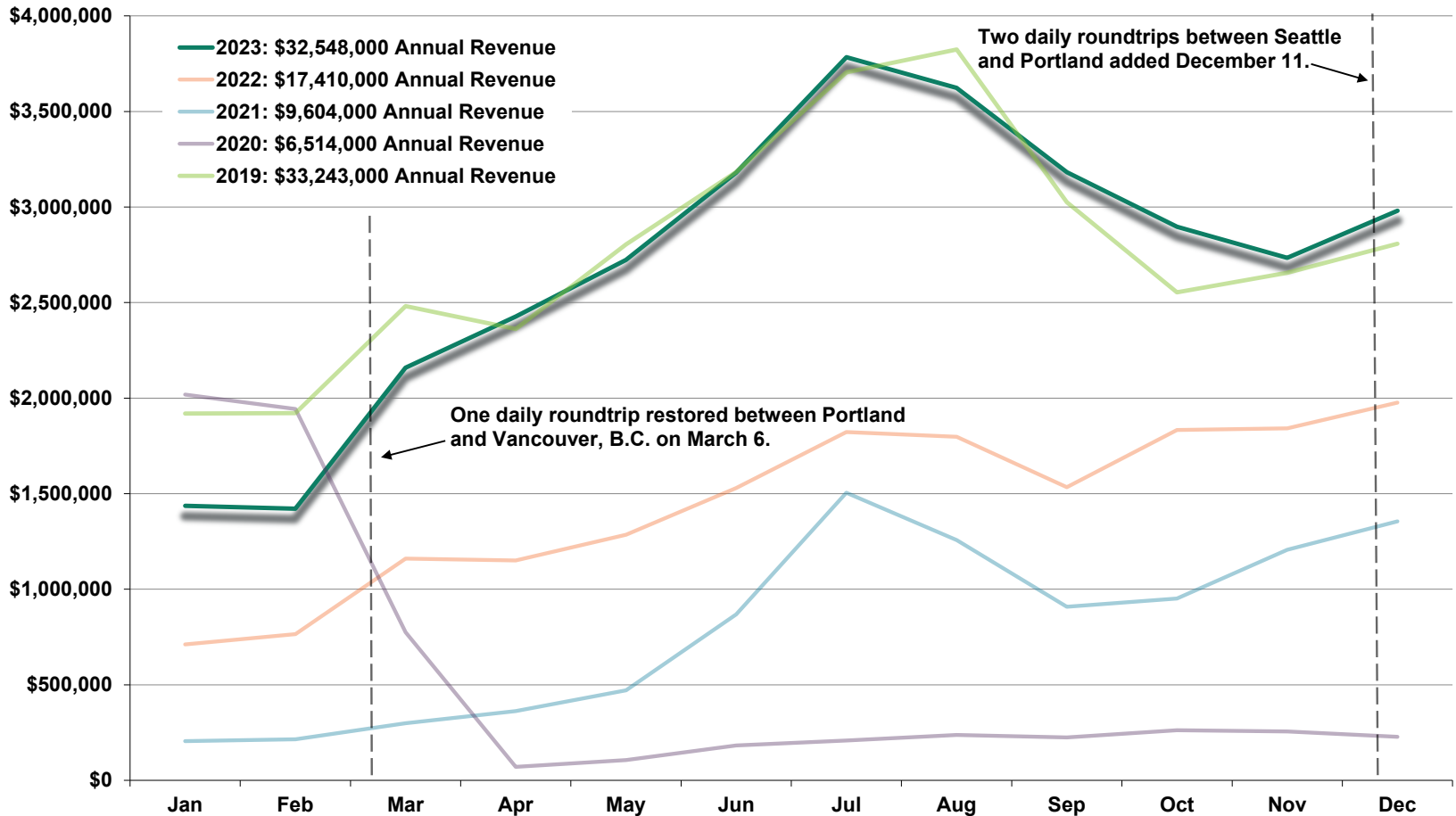
5-Year Monthly Ridership Comparison – 2019-2023*



*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

The significant increase in ridership from 2022 to 2023, along with numbers nearing pre-pandemic levels, illustrates a rebounding demand for train service along the corridor.

5-Year Monthly Ticket Revenue Comparison – 2019-2023*

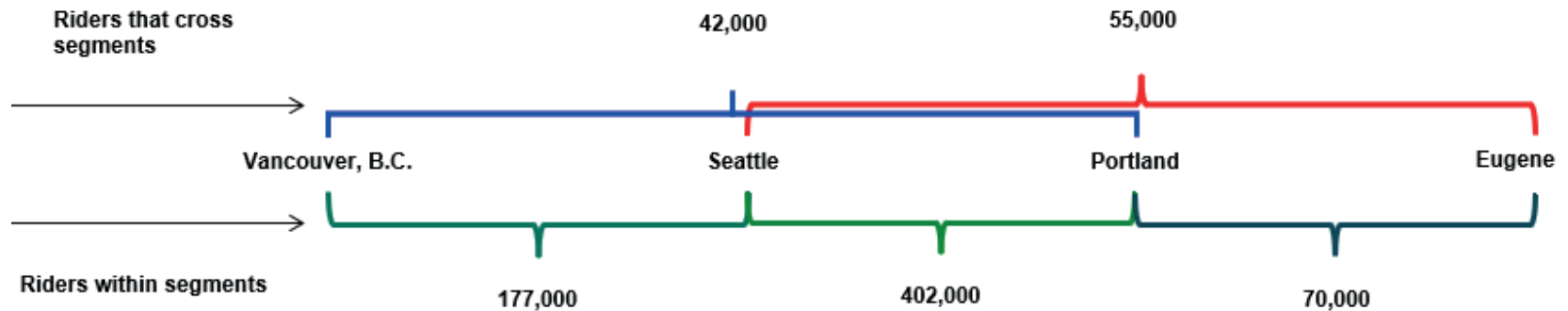


*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

Annual Ridership by Segment – 2023*

Total ridership⁺ for 2023 = 746,000

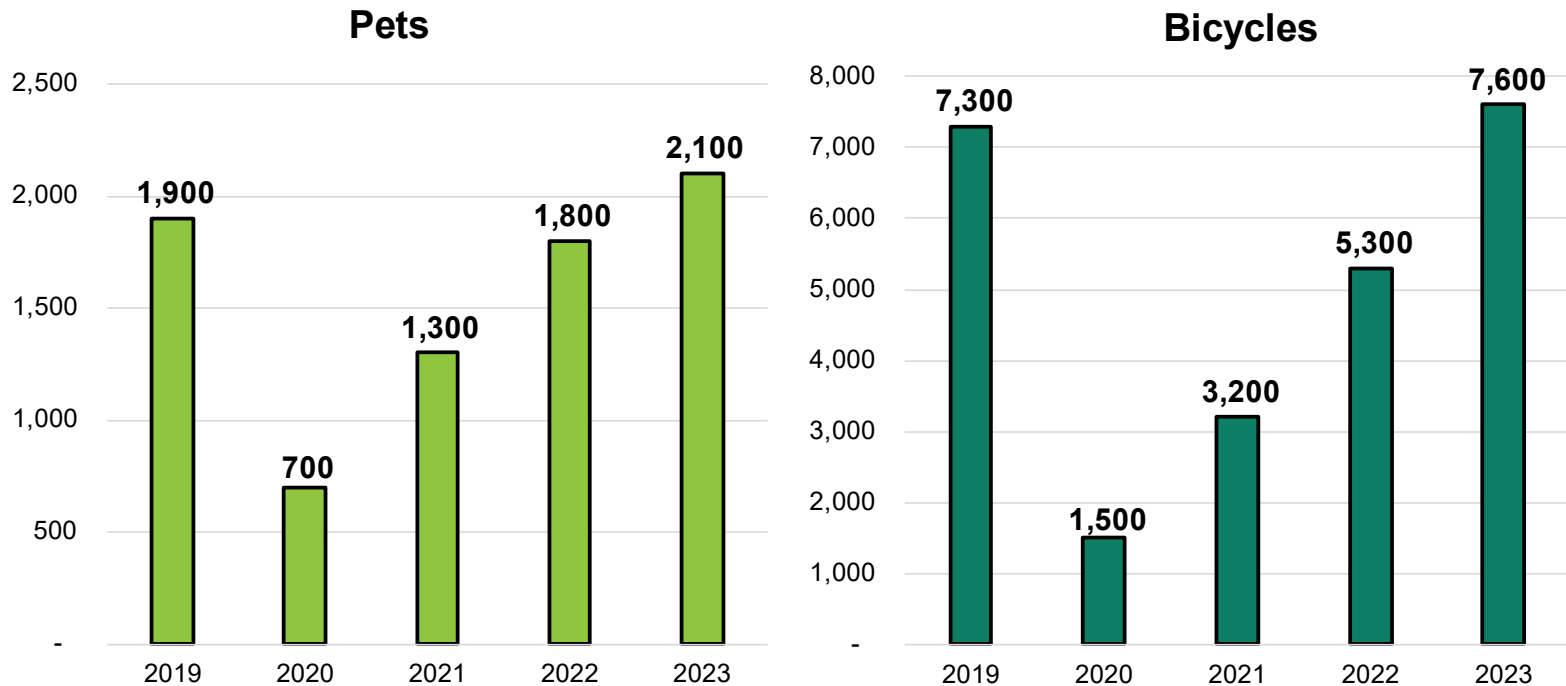
- 54% of riders travelled within the Seattle - Portland segment.
- 24% of riders travelled within the Vancouver, B.C. - Seattle segment.
- 9% of riders travelled within the Portland - Eugene segment.
- 7% travelled across segments between Seattle and Eugene.
- 6% travelled across segments Vancouver, B.C. and Portland.



*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11, 2023.

⁺Ridership numbers are rounded to the nearest thousand.

Annual Pets and Bicycles on board – 2019-2023*

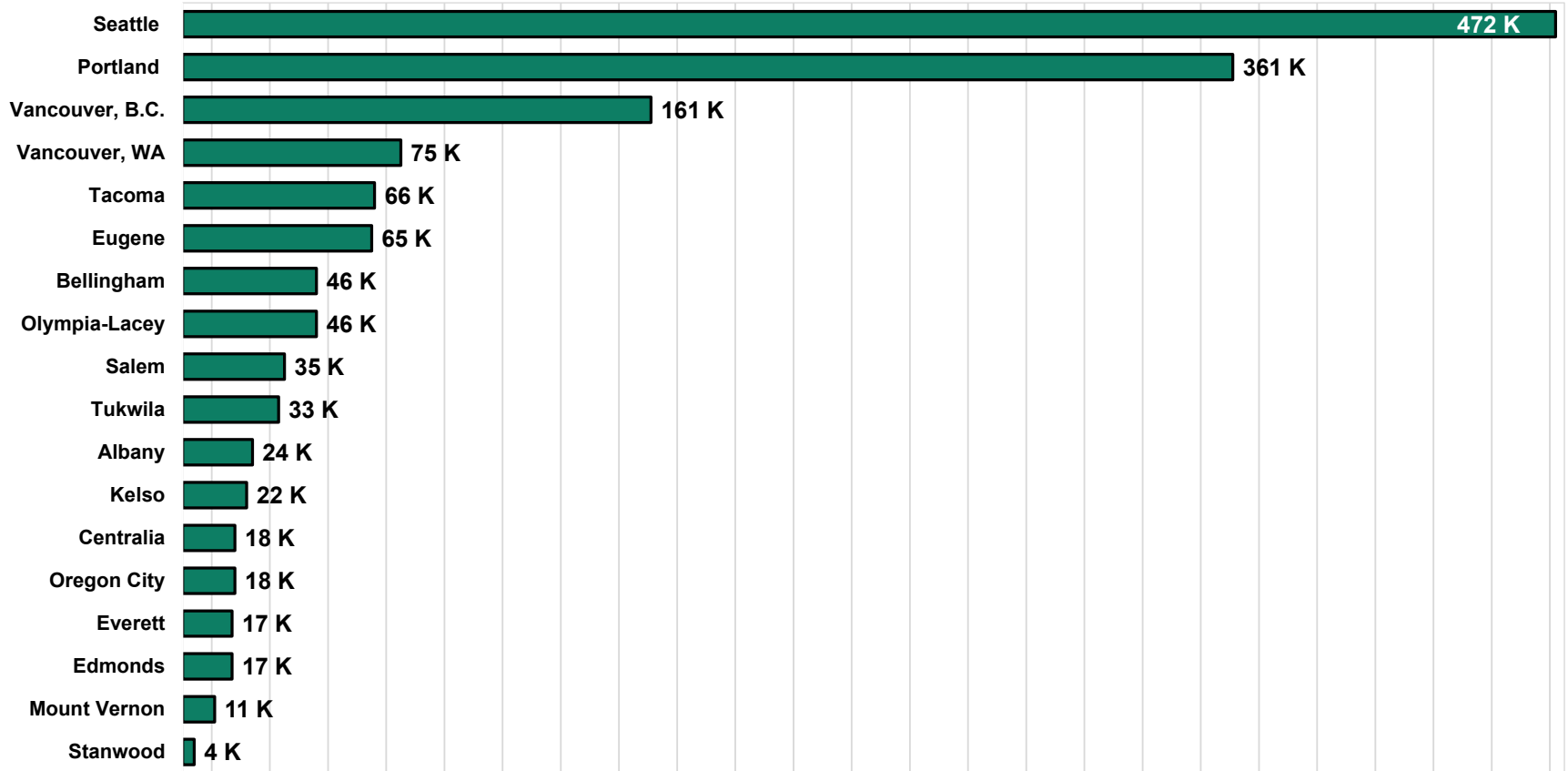


*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

Pet and bicycle numbers are rounded to the nearest hundred.

Compared to pre-pandemic numbers, pets and bikes rose by 11% and 4%, respectively, emphasizing a service demand increase being met.

Annual Station On-Offs – 2023*



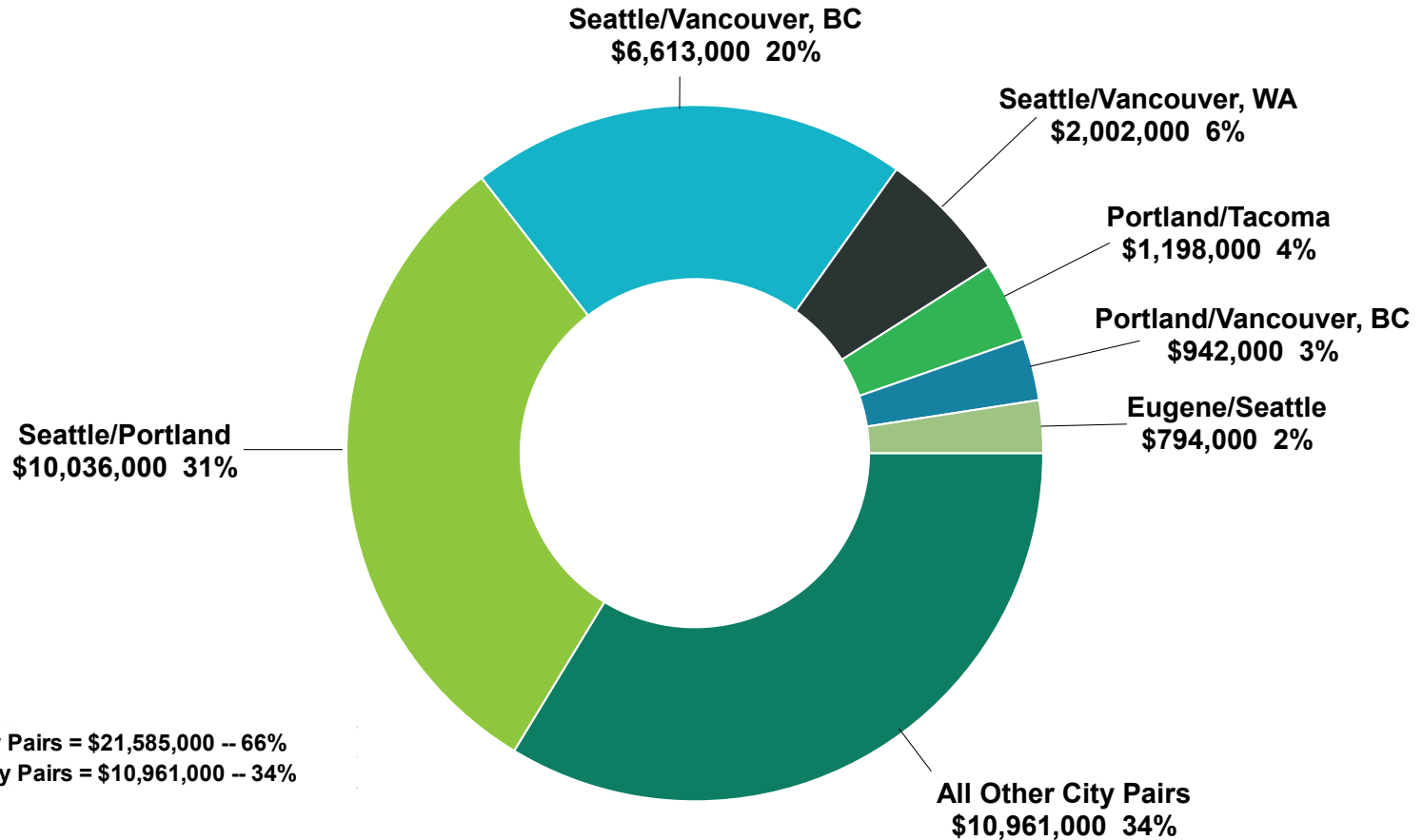
*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

On-Offs are a measurement of how many passengers got on and off the train at each station.

On-Offs for the bottom half of stations saw an increase of 111% compared to 67% growth in the top half of stations, which illuminates an increased demand in smaller urban areas.

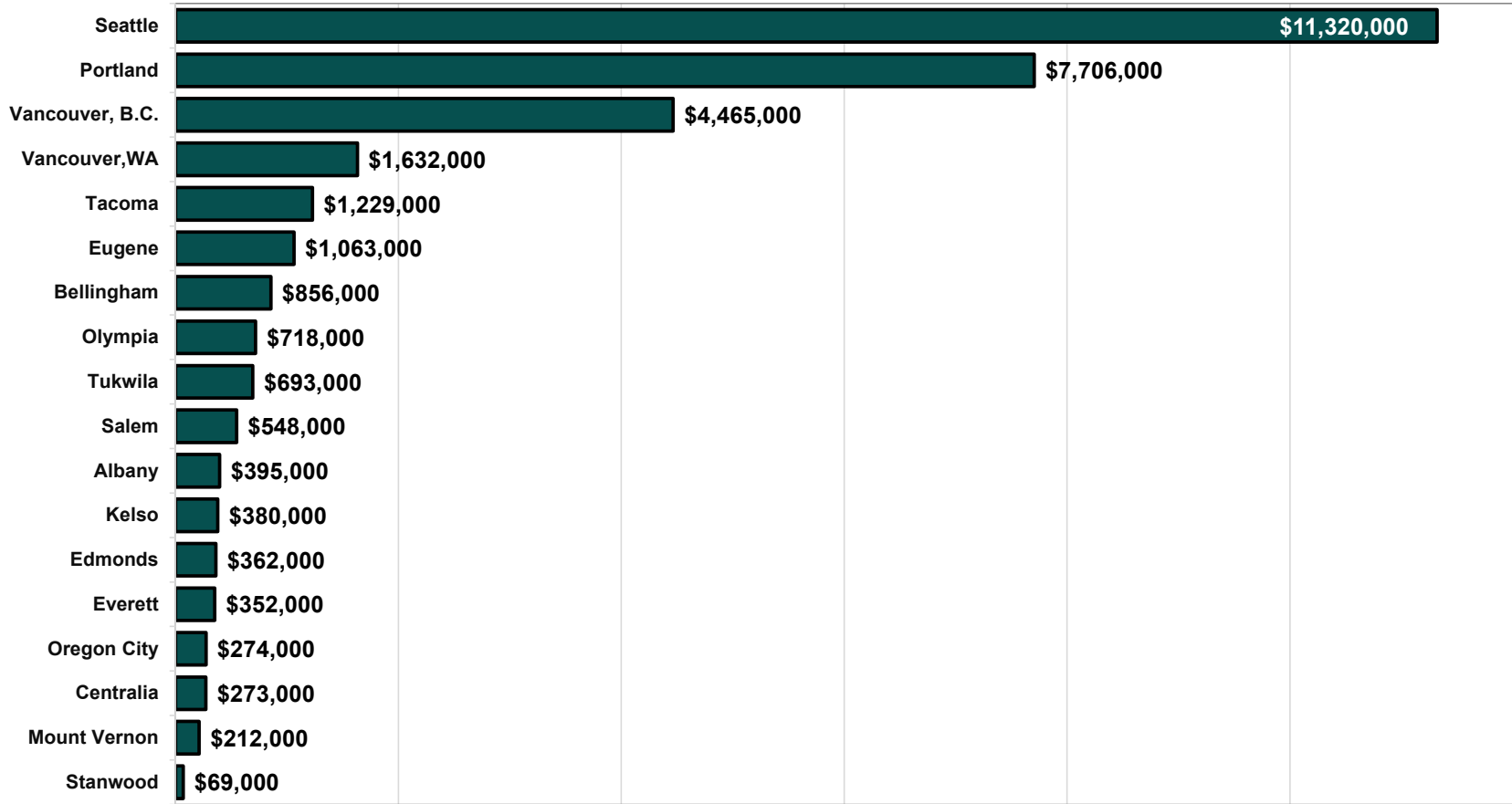
Annual Ticket Revenue by City Pair – 2023

Revenue per City Pair and Percentage of Total Revenue



Revenue numbers are rounded to the nearest 1,000.
All Other City Pairs include over 120 different pairings.

Annual Ticket Revenue by Station – 2023*



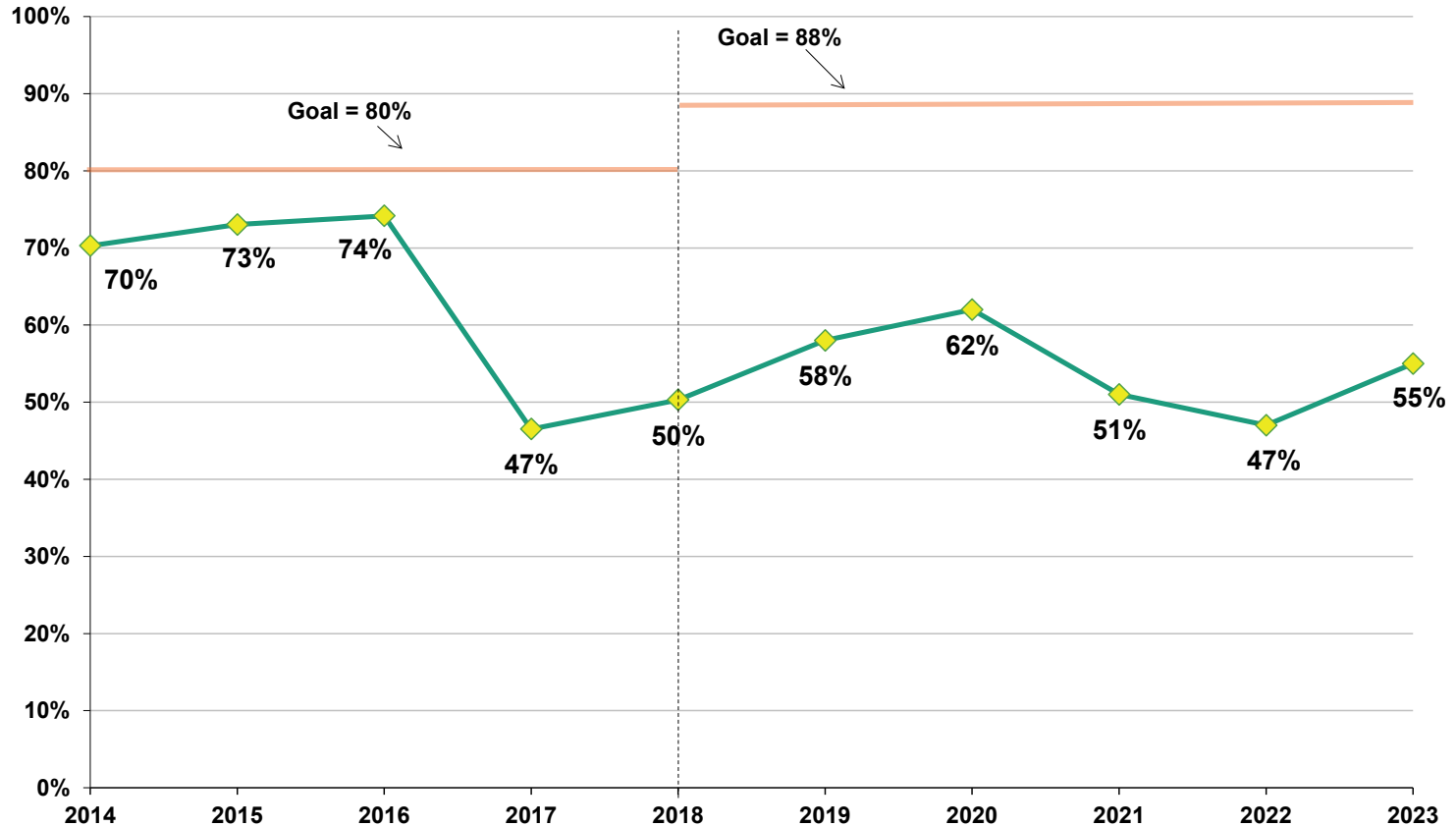
*In 2023 WSDOT and Amtrak restored one daily roundtrip between Portland and Vancouver, B.C. on March 6 and added two daily roundtrips between Seattle and Portland on December 11.

A passenger ticket provides passage between two stations – the origin station and the destination station. Ticket revenue for each ticket is split equally between the origin and the destination stations.

Revenue by station, like On-Offs, saw the bottom half of stations an increase of 142% compared to 83% growth in the top half of stations, which illuminates an increased demand in smaller urban areas.

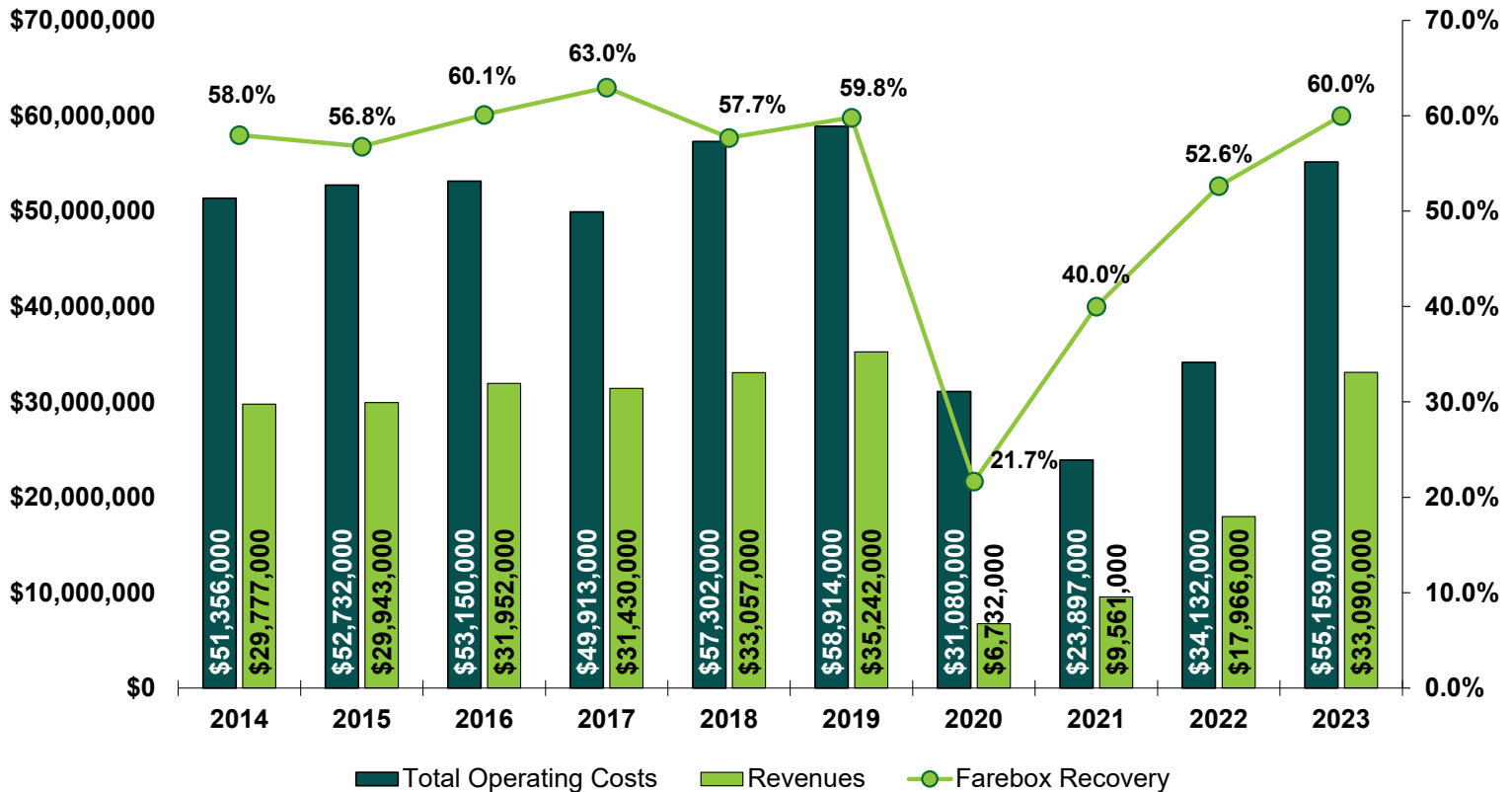
10-Year On-Time Performance – 2014-2023

Washington-supported trains only



The Service Outcome Agreement counts a train as on-time if it arrives in the Washington portion (Portland--Seattle--Vancouver, B.C.) of the Amtrak Cascades Corridor within 10 minutes or less of the published arrival time. Per the Service Outcome Agreement between Amtrak, BNSF, and WSDOT that took effect in January 2018 when the on-time performance goal was raised from 80% to 88%. Between 2013 and 2016, annual on-time performance was relatively stable and ranged between 70% and 77%. It dropped to 47% in 2017, climbed up to 62% in 2020, fell to 47% in 2022 and rose to 55% in 2023.

Total Operating Cost, Revenue and Farebox Recovery Rate – 2014-2023, Washington-supported trains only



The farebox recovery rate increased from 52.6% in 2022 to 60% in 2023, largely driven by a continued ridership and revenue recovery and restoration of full service between Portland, Seattle and Vancouver, B.C.

The Farebox recovery rate pertains to the Washington portion (Portland--Seattle--Vancouver, B.C.) of the Amtrak Cascades Corridor and is determined based on data from Amtrak billing reports. This rate considers all revenue sources, including ticket revenues and additional sources such as food and beverage sales.