

PDX 2045 Master Plan

Project Overview



Renew or Replace

Invest in existing facilities to prolong useful life or develop new flexible facilities that consolidate functions.



Landside Capacity

Explore multi-modal options to manage vehicular traffic and relieve congested roadway systems.



Aircraft Gates

Determine the appropriate number of international and domestic gates needed to accommodate future demand.



Customer Experience

Maintain the "best-in-class" reputation of PDX. Enhance services and offerings for customers.



Passenger and Baggage Facilities

Assess level of service and optimize terminal capacity.



Airfield Optimization

Identify and plan for the appropriate runway and taxiway facilities.



Federal Facilities

Expand international facilities to accommodate anticipated demand and improve the passenger experience.



Support Functions

Identify opportunities for colocating critical functions and provide facilities for safe and efficient operations.

FAA Definition

A comprehensive study of an airport that defines and describes the short-, medium-, and long-term development plans to meet future aviation demand."

Master Plan Goal

Provide the framework needed to guide future airport development that will cost-effectively satisfy aviation demand, while considering environmental and socioeconomic impacts."



PDX's Social and Economic Impact

We're an economic engine for our region, creating opportunity for everyone who lives and works here

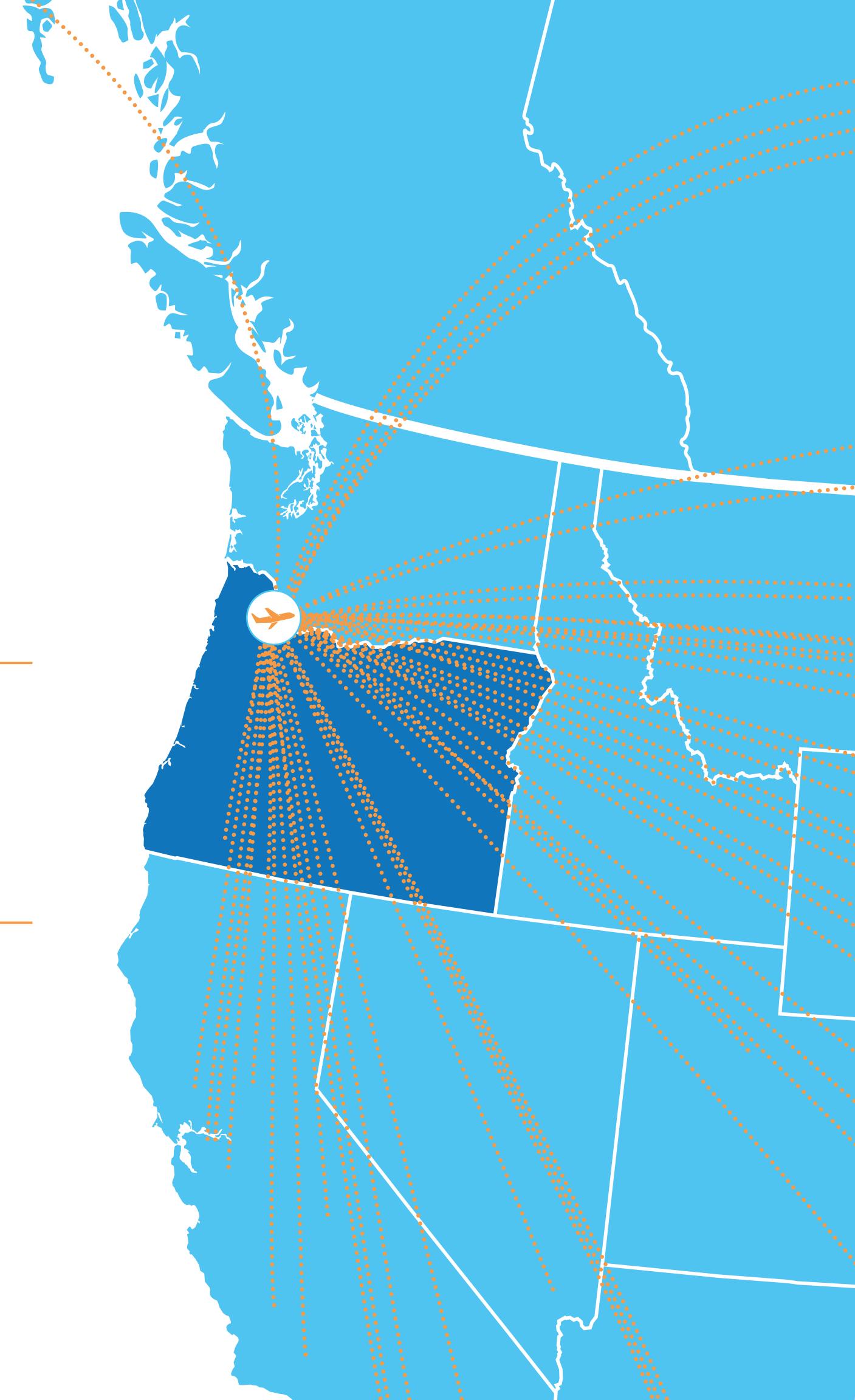
Supports over

15,000 jobs

Contributes nearly

B per year to the local economy

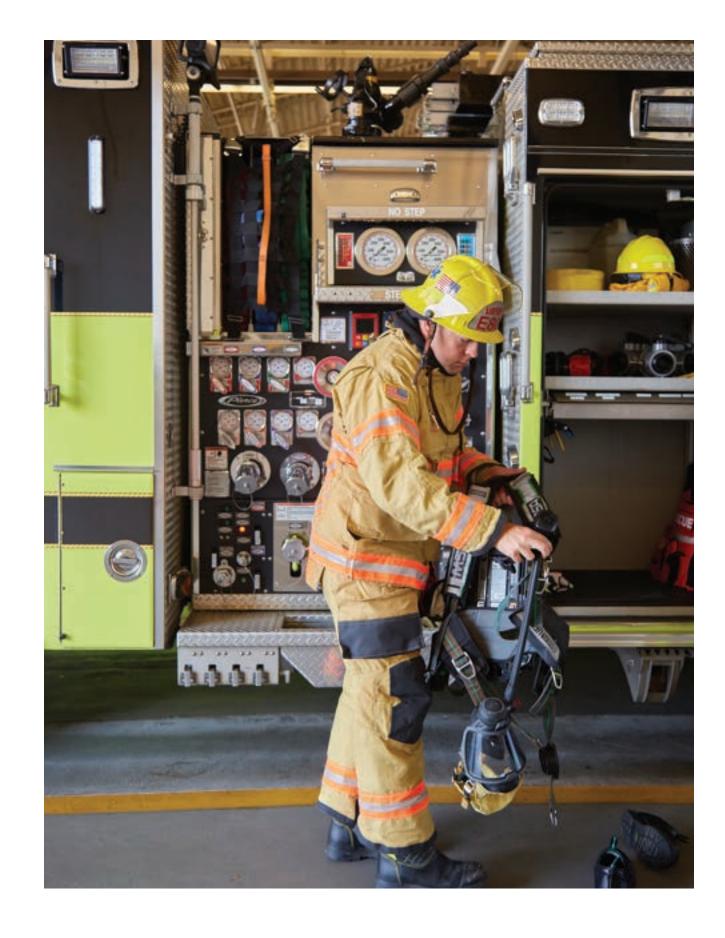


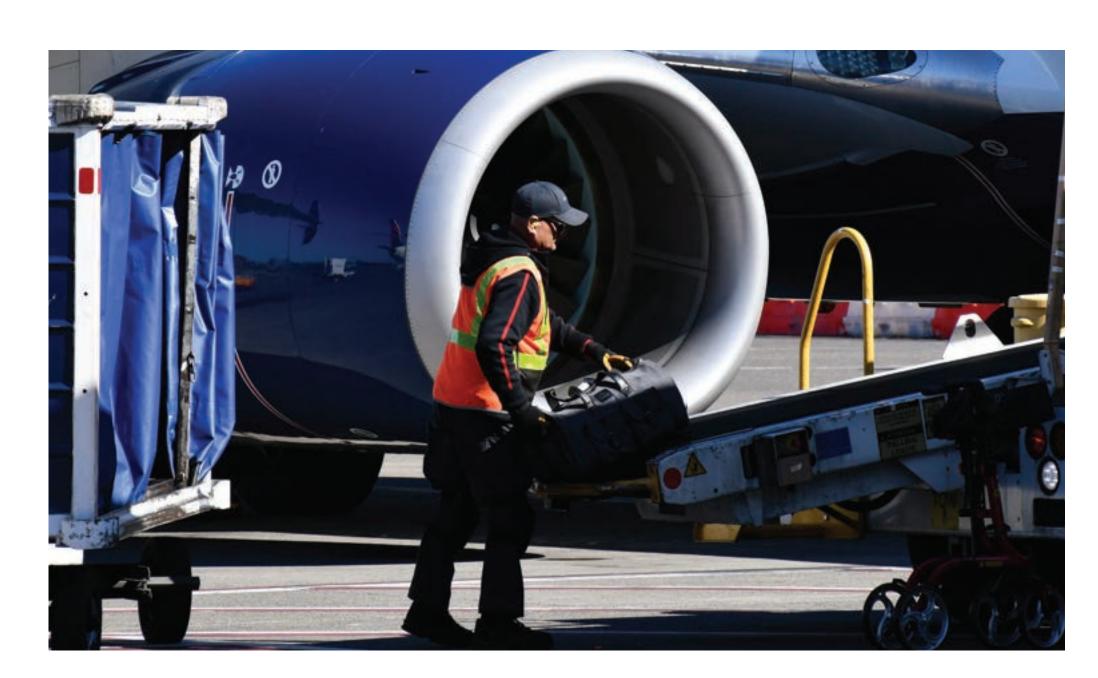


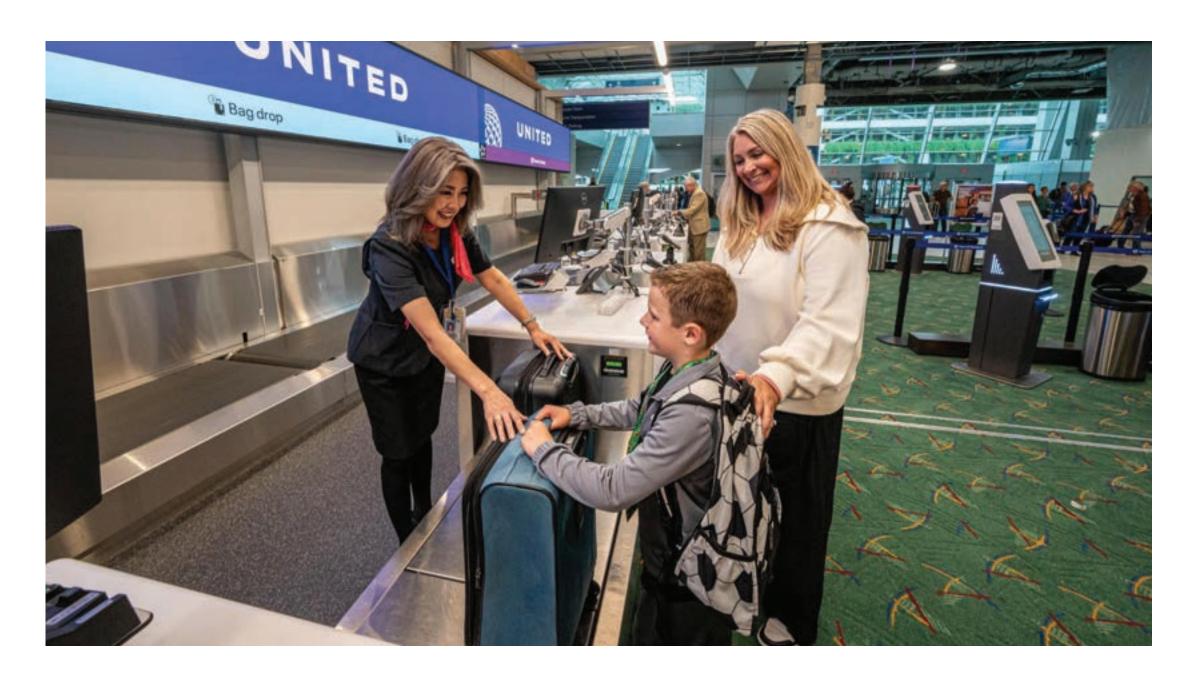
We are PDX

Friendly. Knowledgeable. Respectful.









Port of Portland

500+ Types of Jobs at PDX

- Aircraft Mechanic
- Restaurant Manager
- Firefighter
- Police Officer
- Development Manager
- **Bus Driver**
- **Gate Agent**
- **Baggage System Tech**
- **Air Traffic Controller**
- Electrician

PDX's History

Planning and Development





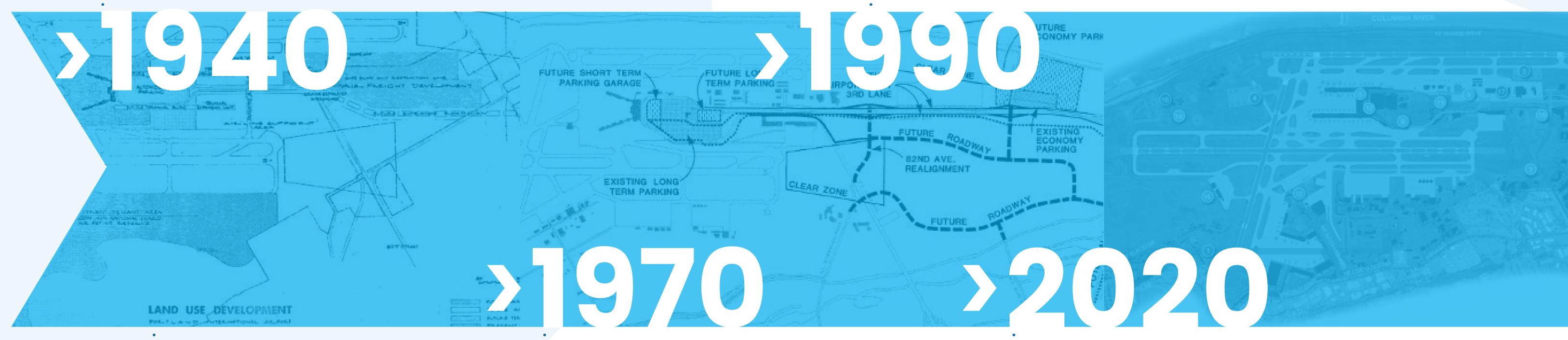
1940

PDX was originally constructed with three intersecting runways in an asterisk layout.



1990s/2000s

The Port invested in several terminal and concourse improvements. TriMet introduced MAX Light Rail service to PDX - one of the first airports to have direct light rail service.





1958

A new \$6 million passenger terminal complex was built that was served by seven passenger airlines.



1970s

A major expansion program added a larger terminal building accommodating international air service and a new air cargo complex.



2020s

The Port launched the PDX Next program, including extending Concourse E, closing Concourse A, upgrading Concourse B, adding parking, and expanding the main terminal.



How a Plan Becomes Reality

PDX's New Main Terminal

: → **2010**

Master Plan Update

The previous PDX Airport Master Plan Update was a collaborative process involving the Cities of Portland and Vancouver, and the regional community, to create a long-range (through 2035) master plan for PDX and a City land use plan to govern the airport and its surroundings.

·· > 2017

Terminal Concept Refinement and Design

The Port wanted the new terminal to elevate the passenger experience, increase revenue generation potential, and reflect the local environment. Concept design and refinement included assessing passenger experience considerations, updating passenger processing requirements, and selecting building performance and aesthetic aspirations.





·· **2014**

Terminal Area Plan

This study evaluated the terminal building in its entirety and developed a comprehensive strategy to incrementally reconfigure the facility, avoiding a piecemeal approach to improvements and ensuring a long-range plan that was sustainable, affordable and adaptable to changes in the aviation industry.

:--> **2021**

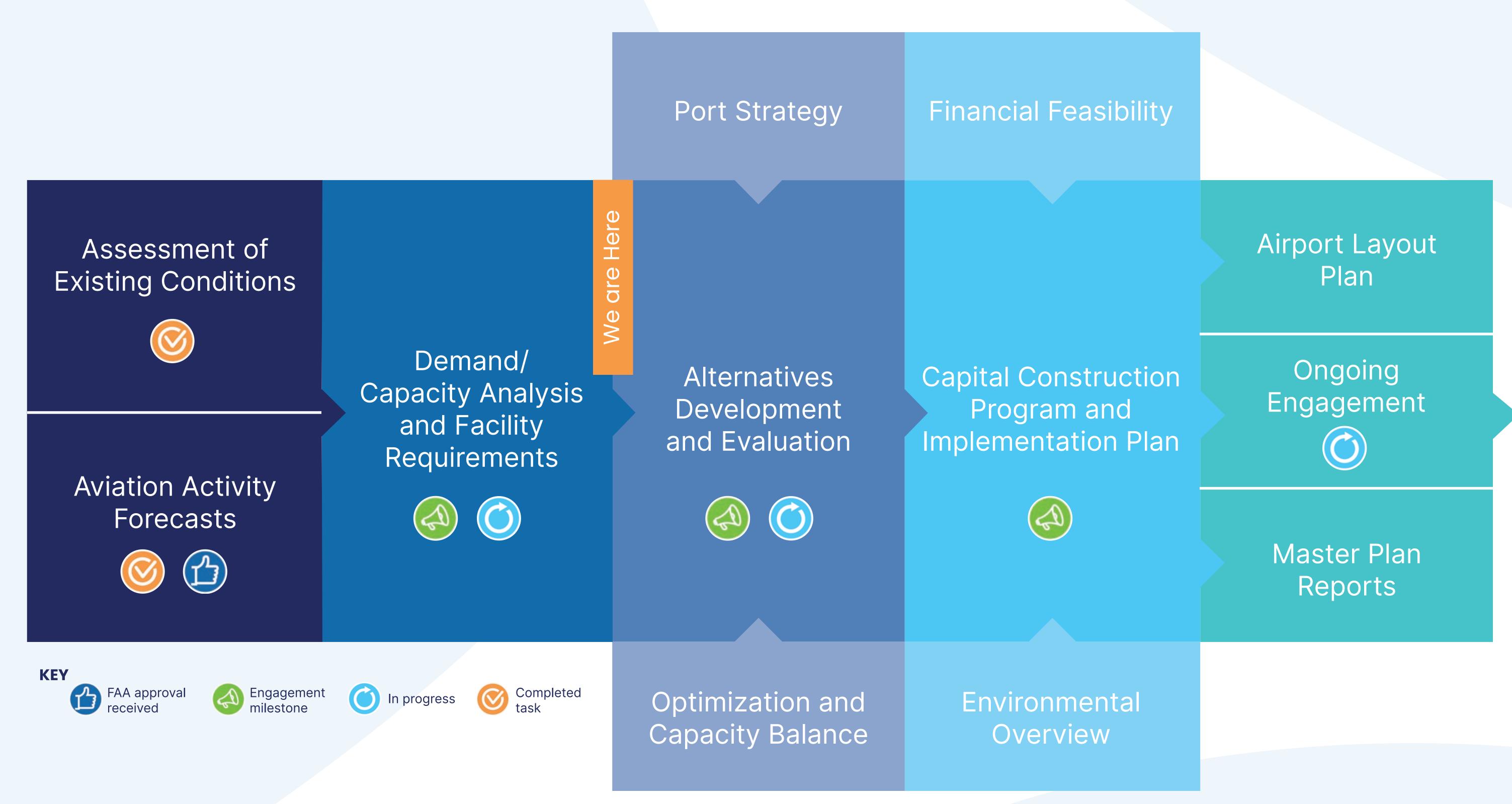
New Terminal Construction

In April 2021, the Port closed the Clocktower Plaza so construction crews could bring the new main terminal to life. The new main terminal opened in 2024, featuring more spacious areas with live trees and plants, a mass-timber roof, new local places to eat and shop, as well as more art, music, and expansive views.



PDX 2045 Process

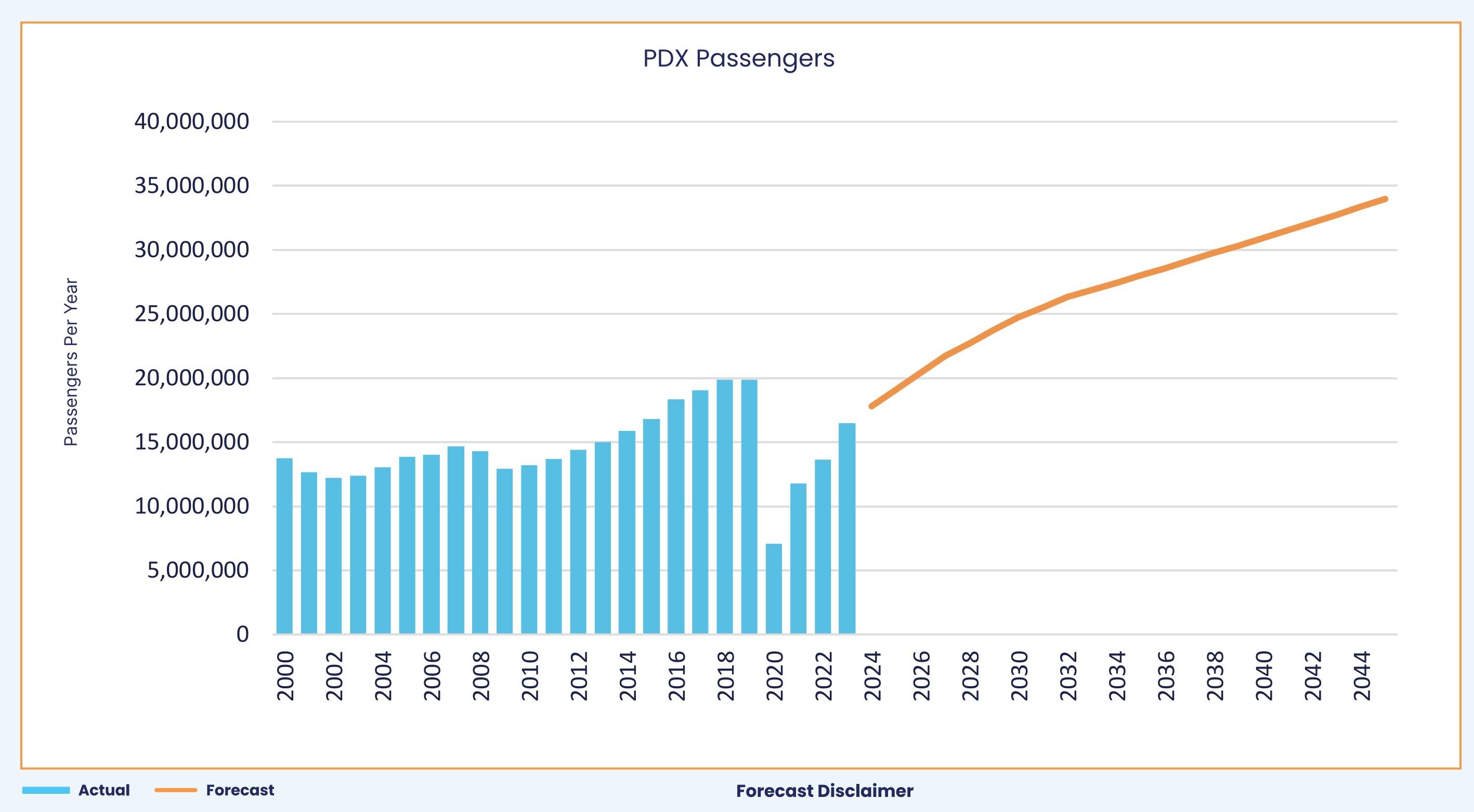
Multi-Year Project Concluding in 2026





Aviation Demand Forecasts

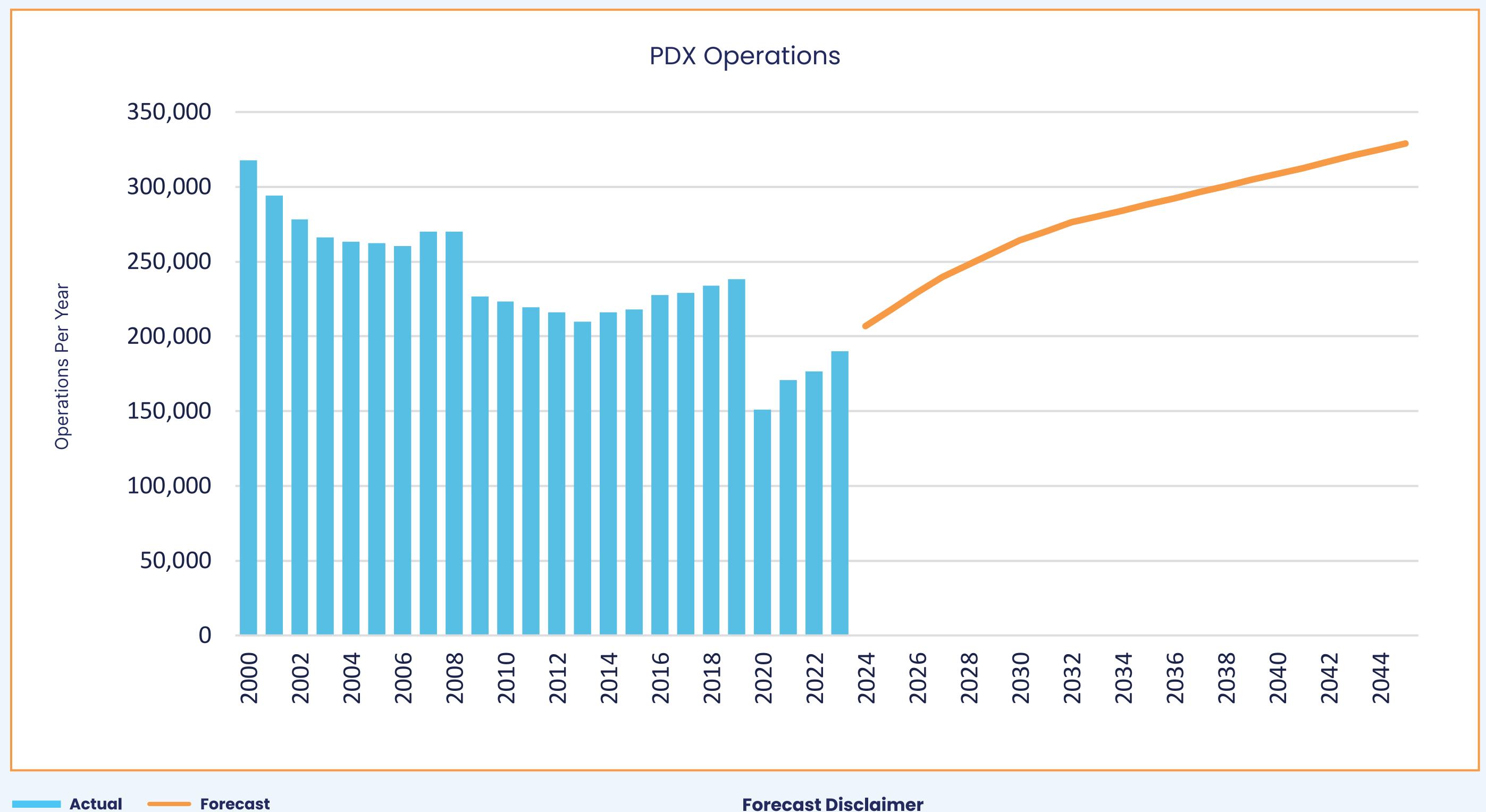
PDX Passengers





Aviation Demand Forecasts

PDX Operations



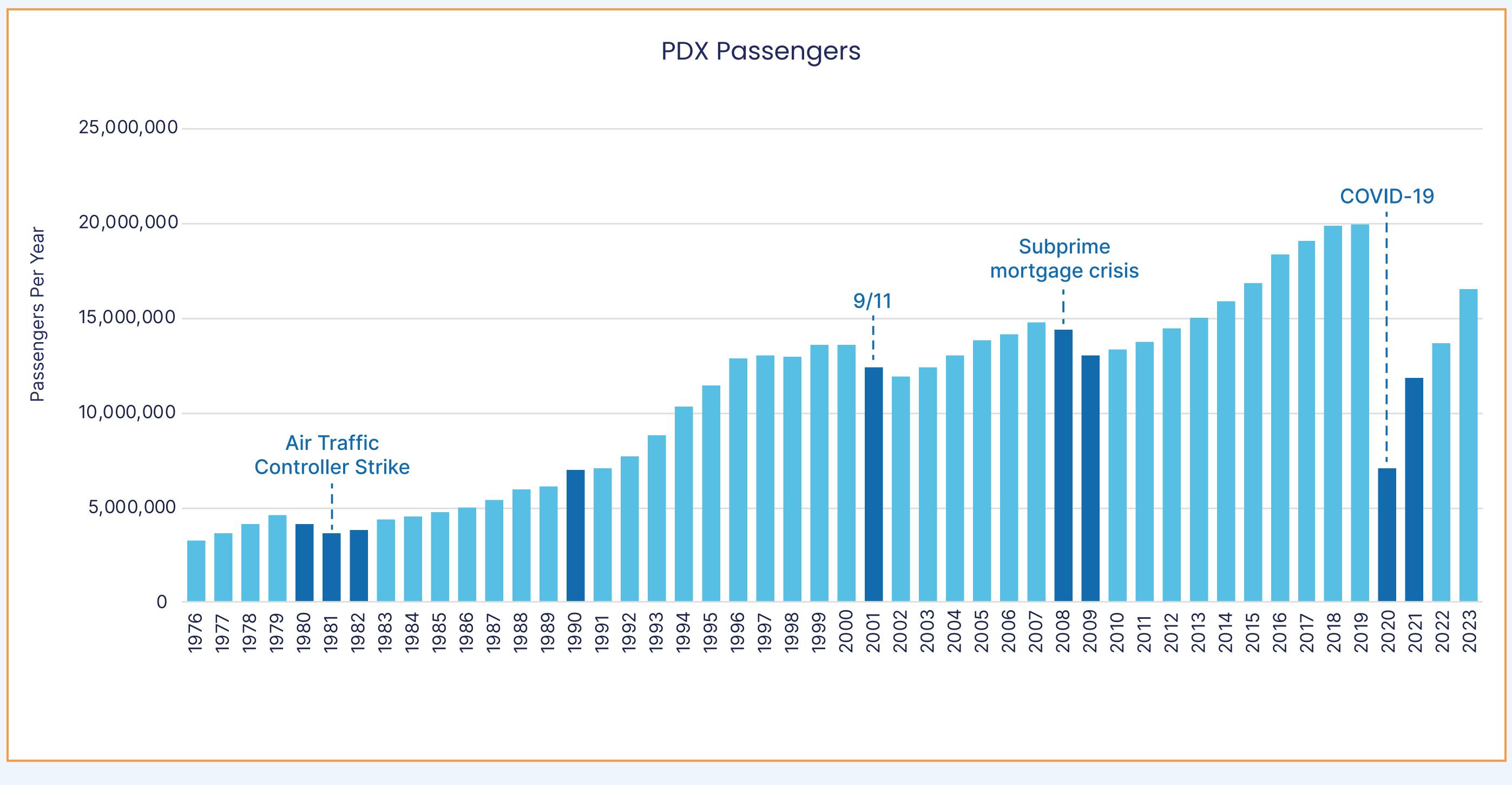


Forecast Disclaimer

Historical Perspective

Years with Periods of Economic Recession

Local Activity Trends

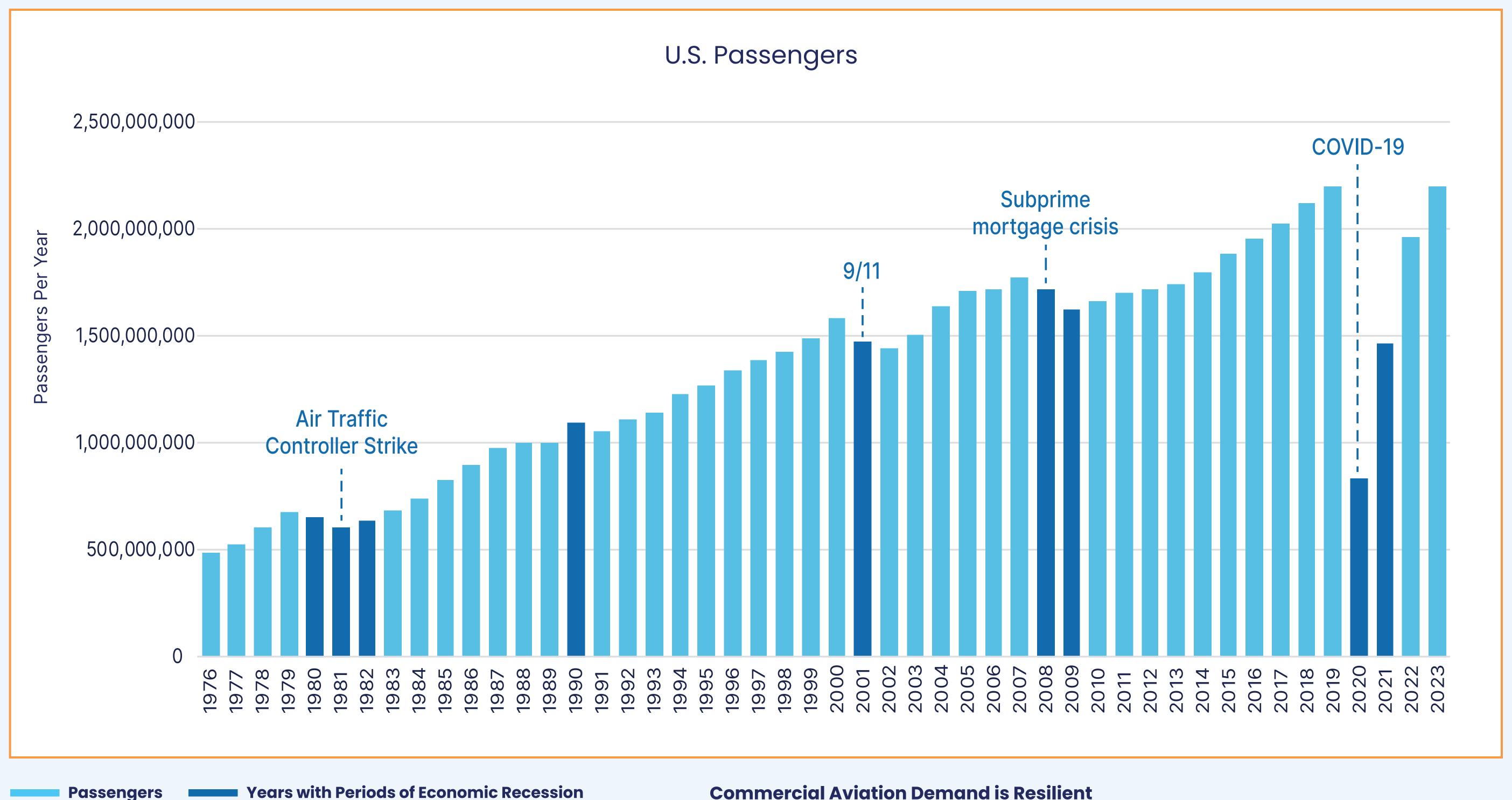




Passengers

Historical Perspective

National Activity Trends





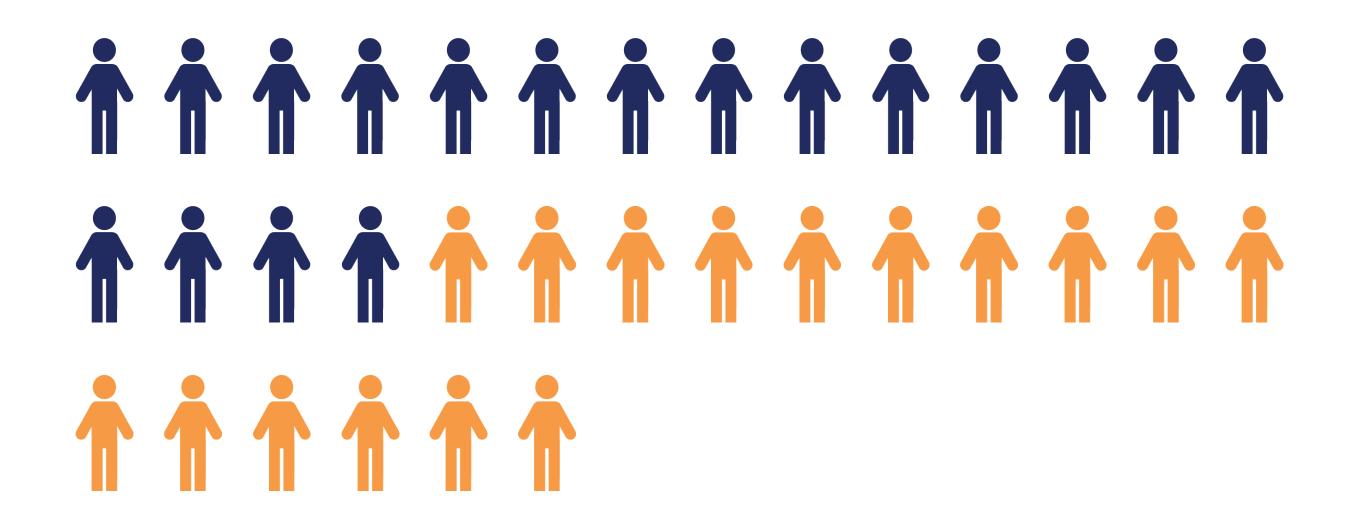
Commercial Aviation Demand is Resilient

While a variety of events can impact commercial aviation activity, long-term growth trends are generally reliable and predictable.

Activity Comparisons

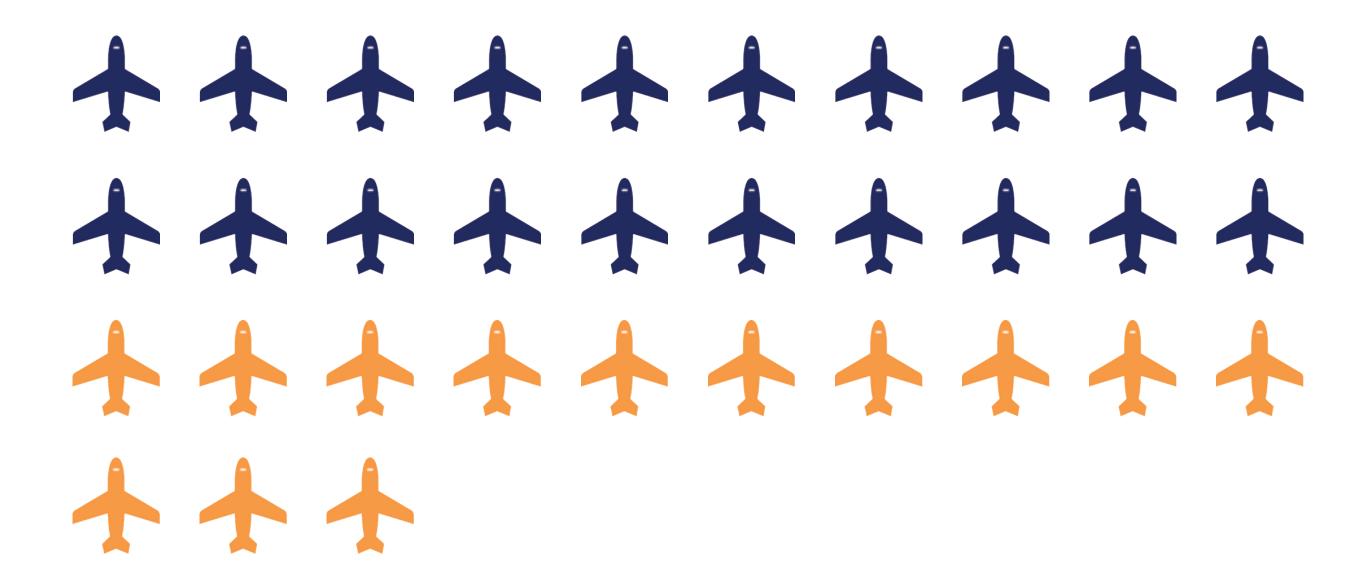
Passenger and cargo activity at PDX are expected to reach and exceed historic highs by 2045. However, the airport is not expected to reach its previous high of aircraft operations until 2045, mainly due to commercial airline fleet transitioning to larger aircraft with the capability to carry more passengers on fewer flights.

2024: ~18 million annual passengers | 2045 forecast: ~34 million



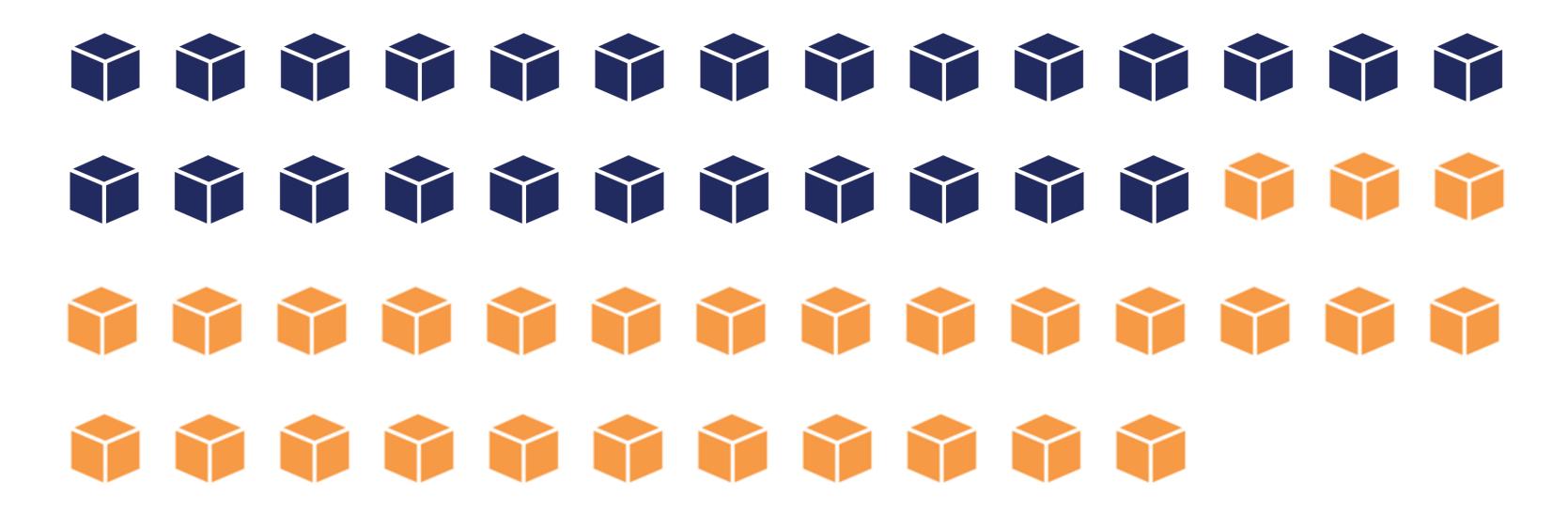
Historic high: ~20 million in 2019

2024: **~200,000** takeoffs and landings | 2045 forecast: **~330,000**



Historic high: ~330,000 in 1997

2024: **~250,000** metric tons of cargo processed | 2045 forecast: **~530,000**



Historic high: ~370,000 in 1997





