

PDX At-A-Glance

Airport Overview



3
Runways

30
Airlines

59
Gates

3,360
Acres

Learn More 



PDX At-A-Glance

Terminal Area Overview



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.



Aircraft Gates

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



Passenger and Baggage Facilities

Assess level of service and optimize terminal capacity.



Federal Facilities

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



Landside Capacity

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



Customer Experience

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



Airfield Optimization

Identify and plan for the appropriate runway and taxiway facilities.



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 2045 Process

Multi-Year Project Concluding in 2026



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

\$3B per year to the local economy



We are PDX

Friendly. Knowledgeable. Respectful.



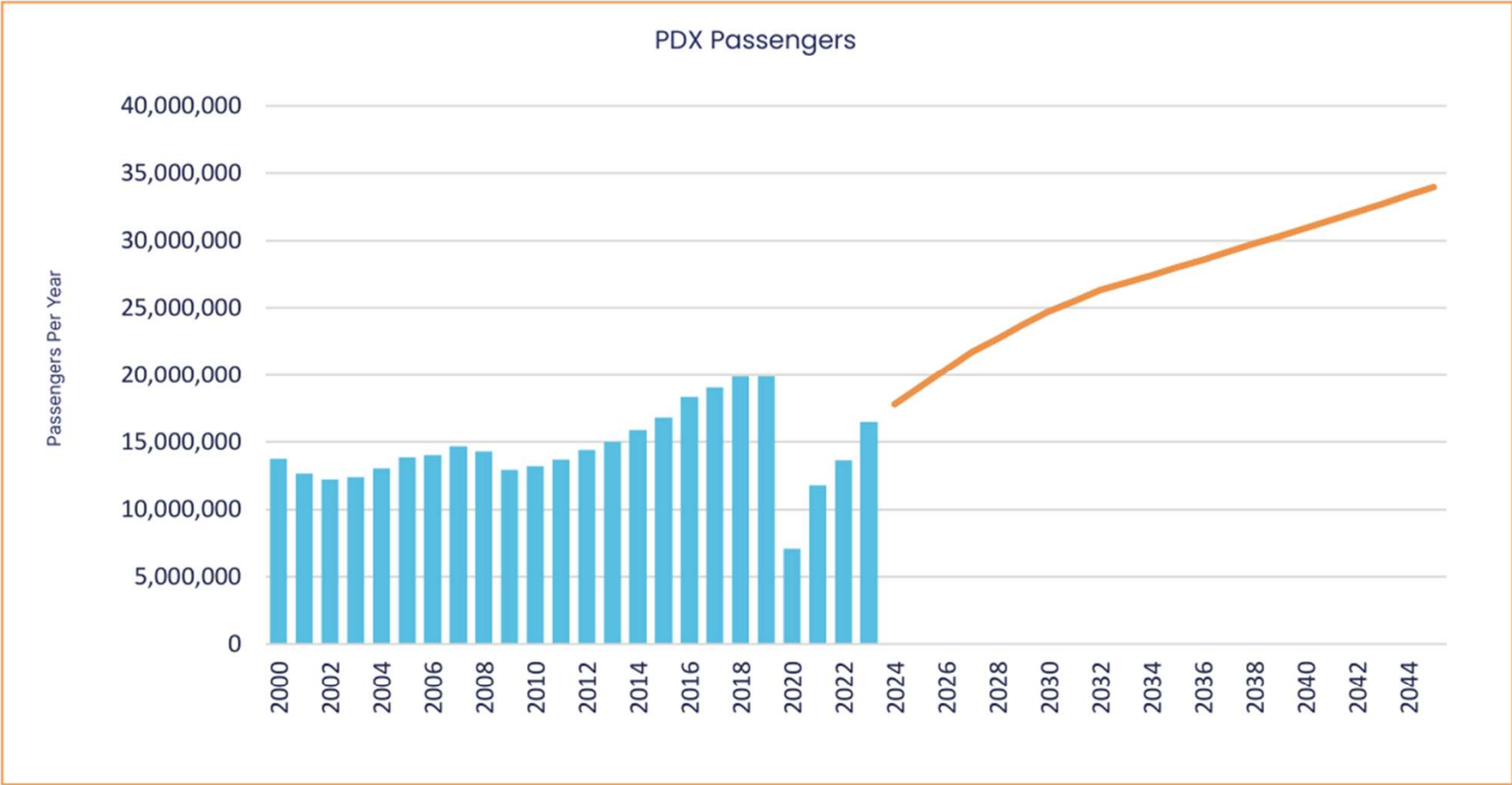
500+

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

Aviation Demand Forecasts

PDX Passengers



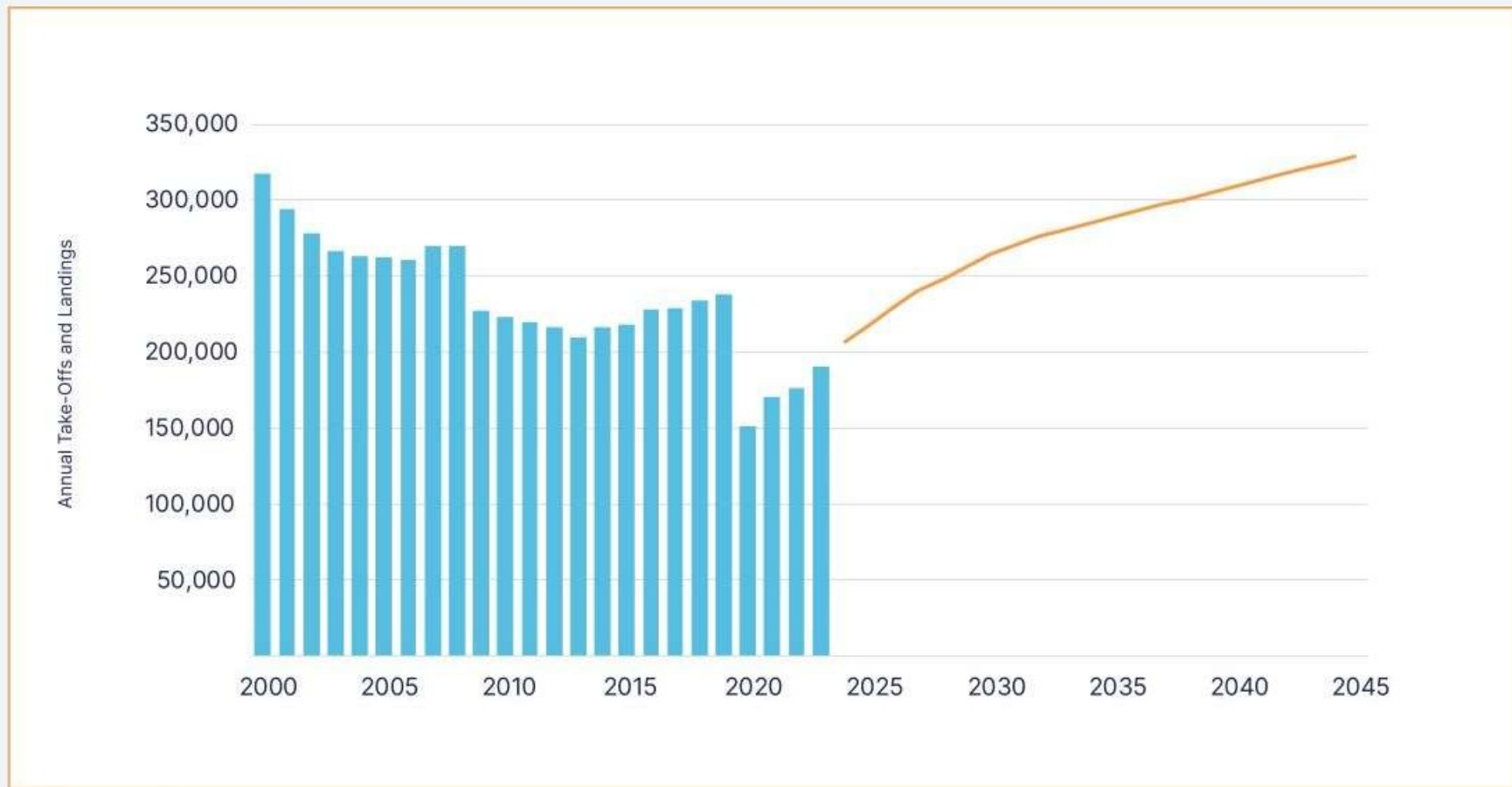
Actual Forecast

Forecast Disclaimer

Forecasts are intended to represent approximate future activity levels. Actual future activity levels at PDX may differ from these forecasts because of unexpected economic, social, regulatory, political, technological, and environmental changes.

Aviation Demand Forecasts

Take-Offs and Landings



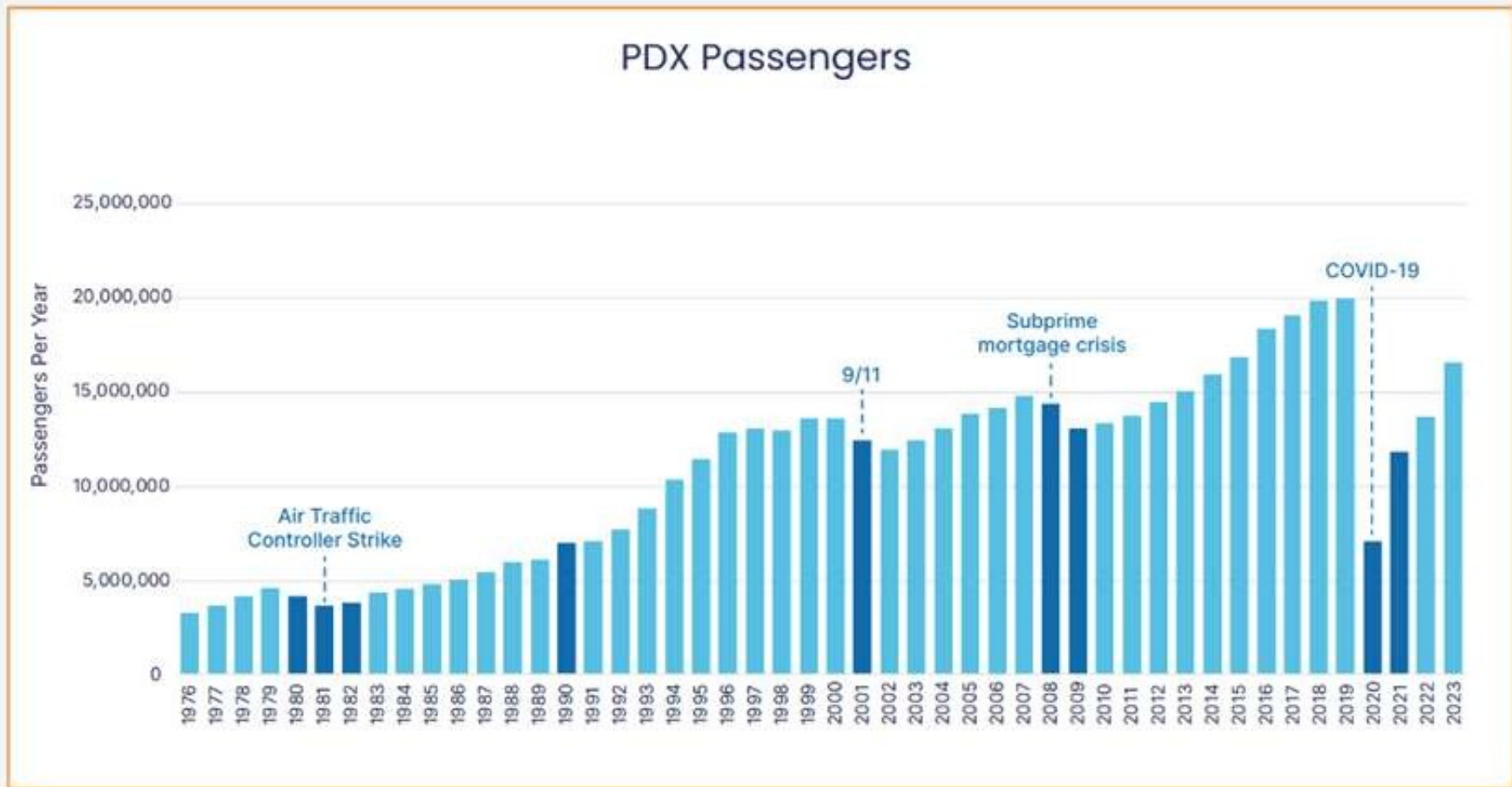
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Historical Perspective

PDX Passengers



Passengers Years with Periods of Economic Recession



Commercial Aviation Demand is Resilient

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

Historical Perspective

U.S. Passengers

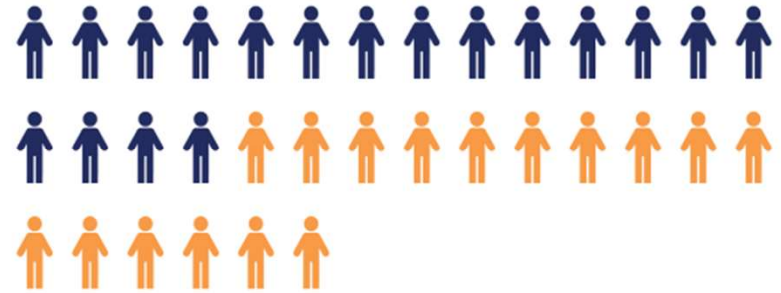


Passengers Years with Periods of Economic Recession

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



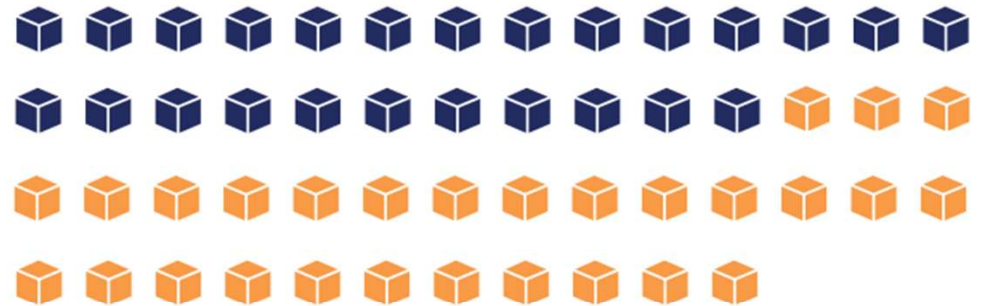
Historic high: ~20 million in 2019

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

Facility Needs Through 2045

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY

Airfield



Dedicated aircraft deicing area
Additional overnight aircraft parking

Terminal



6-10 additional aircraft gates
200% more space for the International Arrivals Facility

Parking and Curbside



25-50% more parking spaces
Additional pick-up/drop-off area

Cargo



40 additional acres for cargo

General Aviation



10 additional acres for General Aviation

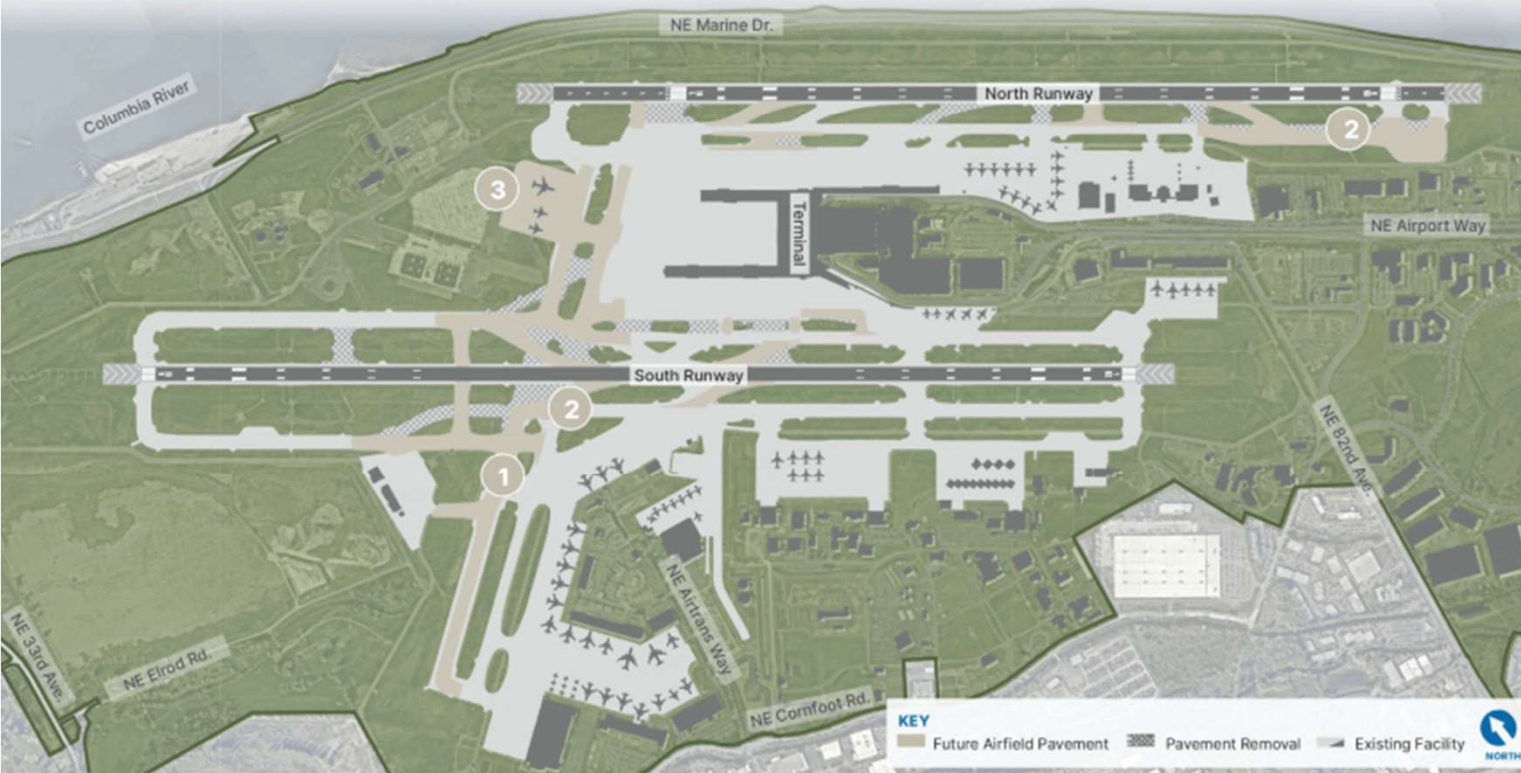
Airline and Airport Support



Additional space for public safety, airport maintenance, flight kitchen, and ground service equipment storage

Airfield

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY



Airfield

1 Crosswind Runway Closure

Mark Runway 3-21 for closure as it provides minimal capacity, inhibits terminal expansion, complicates the airfield, and is unlikely to meet wind coverage requirements for future federal funding.

2 Airfield Capacity Enhancements and Geometry Improvements

Simplify the existing airfield layout geometry to better align with current Federal Aviation Administration standards and improve efficiency.

3 Centralized Deicing Area and Additional Remain Overnight Aircraft Parking

Construct a shared use area for aircraft deicing and aircraft parking.

Community and Stakeholder Input

- Prioritize the highest and best use of all facilities – the Crosswind Runway prevents the expansion of the terminal to the west.
- Improve airfield connectivity and decrease aircraft taxi times when possible.
- Consider neighborhood noise exposure for any runway changes.
- Avoid continued maintenance costs of an infrequently used runway.
- Consider future needs of the runways beyond 2045 and reserve space where needed.
- Optimize use of existing pavement.

Terminal

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY



Terminal

4 Central Terminal International Arrivals Facility (IAF)

Build a new IAF that will provide flexible space, an opportunity to modernize and improve Concourses D and E, and a centralized location that maximizes uses of recent investments in the main terminal.

5 Concourse D Expansion

Extend Concourse D to accommodate additional gates required through 2045, which will also allow the revitalization of older areas within the existing concourse.

6 Optional Concourse C Expansion

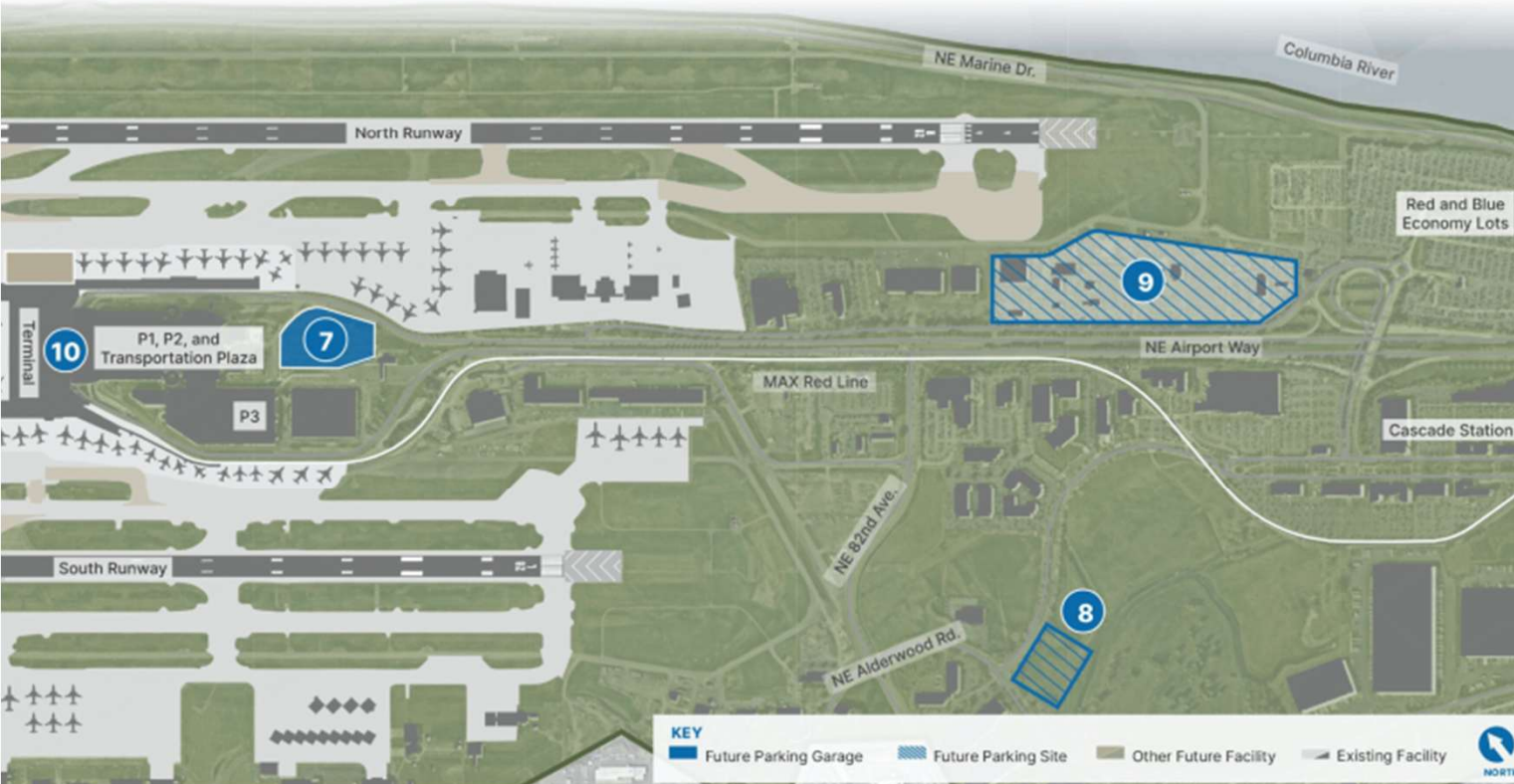
Reserve area for the optional extension of Concourse C for additional flexibility in adding gates needed through 2045 and beyond.

Community and Stakeholder Input

- Eliminate busing operations for international arrivals.
- Avoid long walking distances.
- Consider how various accessibility needs are met.
- Prioritize updating older facilities first.
- Ensure easy wayfinding to baggage claim, the MAX station, and the Rental Car Center.
- Consider how communities will be impacted from increased international travel.
- More capacity provides opportunity for more jobs.

Parking and Curbside

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY



Parking and Curbside

7 P4 Long-Term Parking Garage

Build a new long-term parking garage within walking distance of the Terminal.

8 Rental Car Storage Relocation

Relocate the rental car storage area.

9 Additional Economy Parking Lot

Repurpose the existing rental car storage area to a surface parking lot.

10 Operational Curbside Enhancements

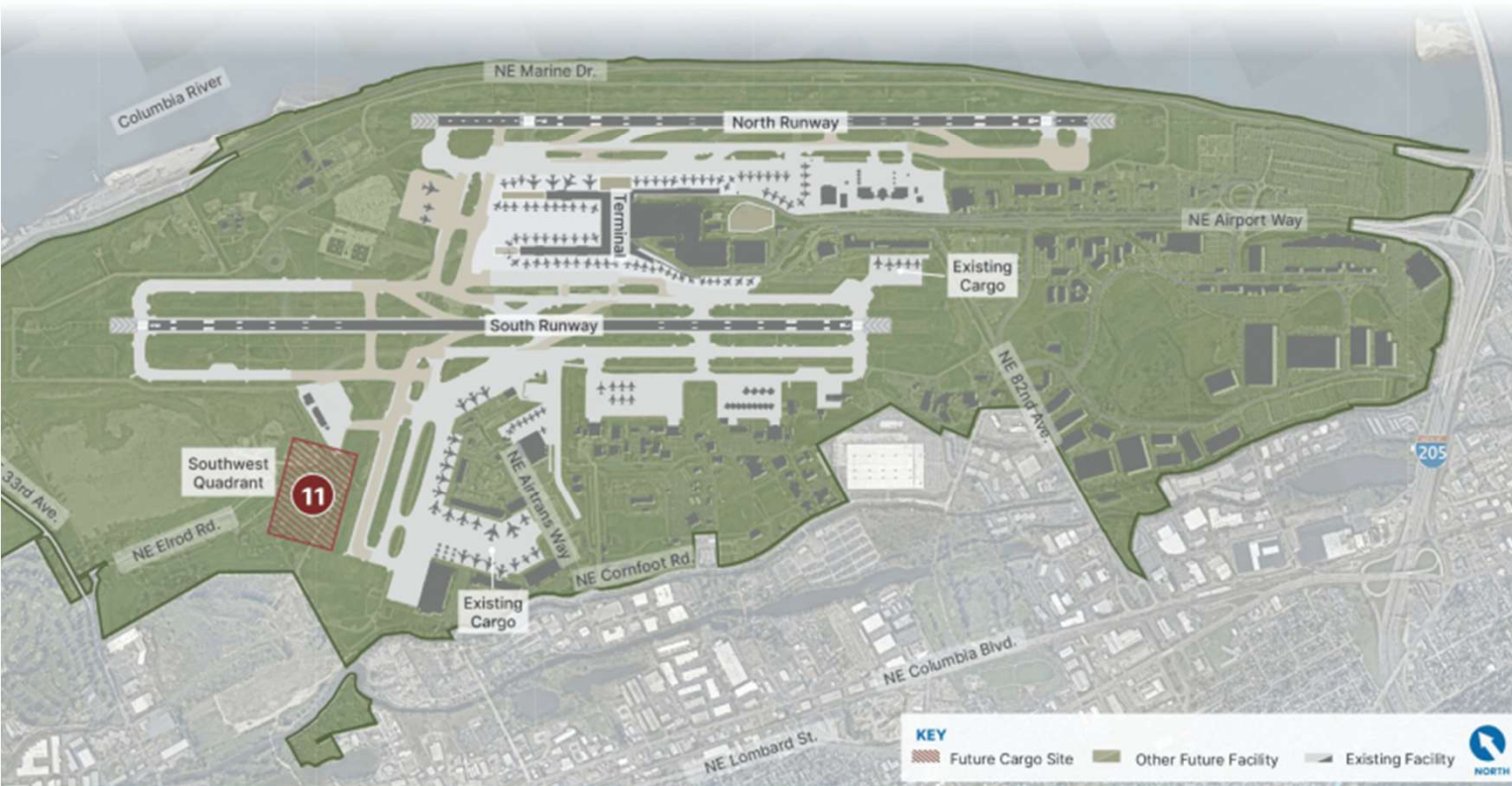
Accommodate the need for additional passenger pick-up and drop-off curb by relocating the valet service and Uber/Lyft drop-off to the Transportation Plaza and encouraging use of the pedestrian tunnels to keep traffic moving on the Lower Roadway.

Community and Stakeholder Input

- Ensure easy wayfinding.
- Consider the length of unpaid commute times for airport workers when it comes to employee lots and transportation options.
- Limit pedestrian exposure to auto traffic.
- Consider bike and pedestrian infrastructure.
- Provide a variety of parking options both close-in and economy lots that offer a range of prices.
- Consider visual impacts to nearby neighborhoods and communities.
- Reduce idling and recirculation of vehicles.
- Avoid building on greenfield sites or creating new impervious surfaces.
- Provide parking options near the terminal that meet various accessibility needs.

Cargo

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY



Cargo

11 Additional Cargo Facilities and Apron

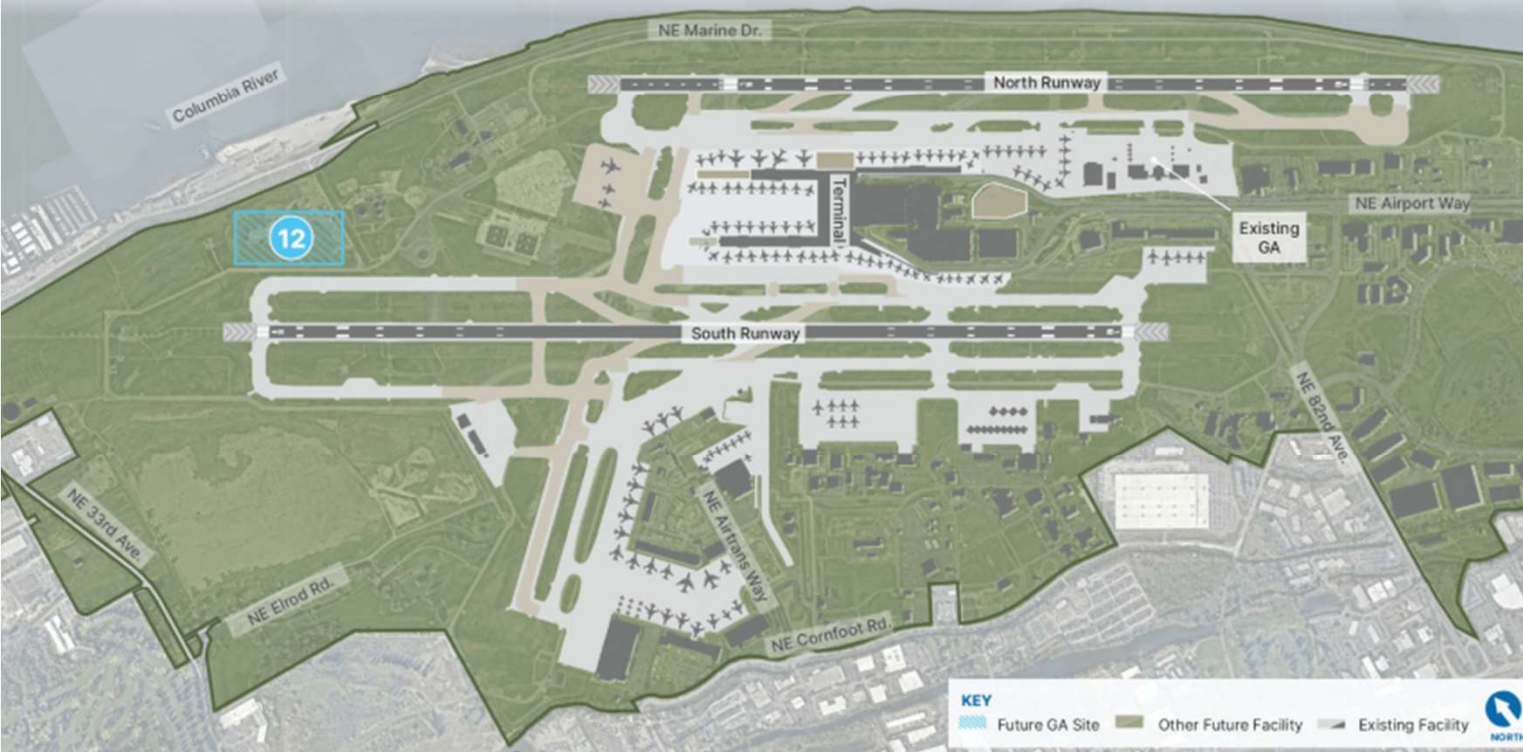
Reserve area in the Southwest Quadrant for the expansion of air cargo facilities.

Community and Stakeholder Input

- Prioritize the highest and best use of all areas of the Airport.
- Optimize use of existing roadway networks.
- Prioritize colocation of similar uses.
- Consider potential environmental issues when planning new development.

General Aviation

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY



General Aviation

12 Land Reserve for General Aviation (GA)

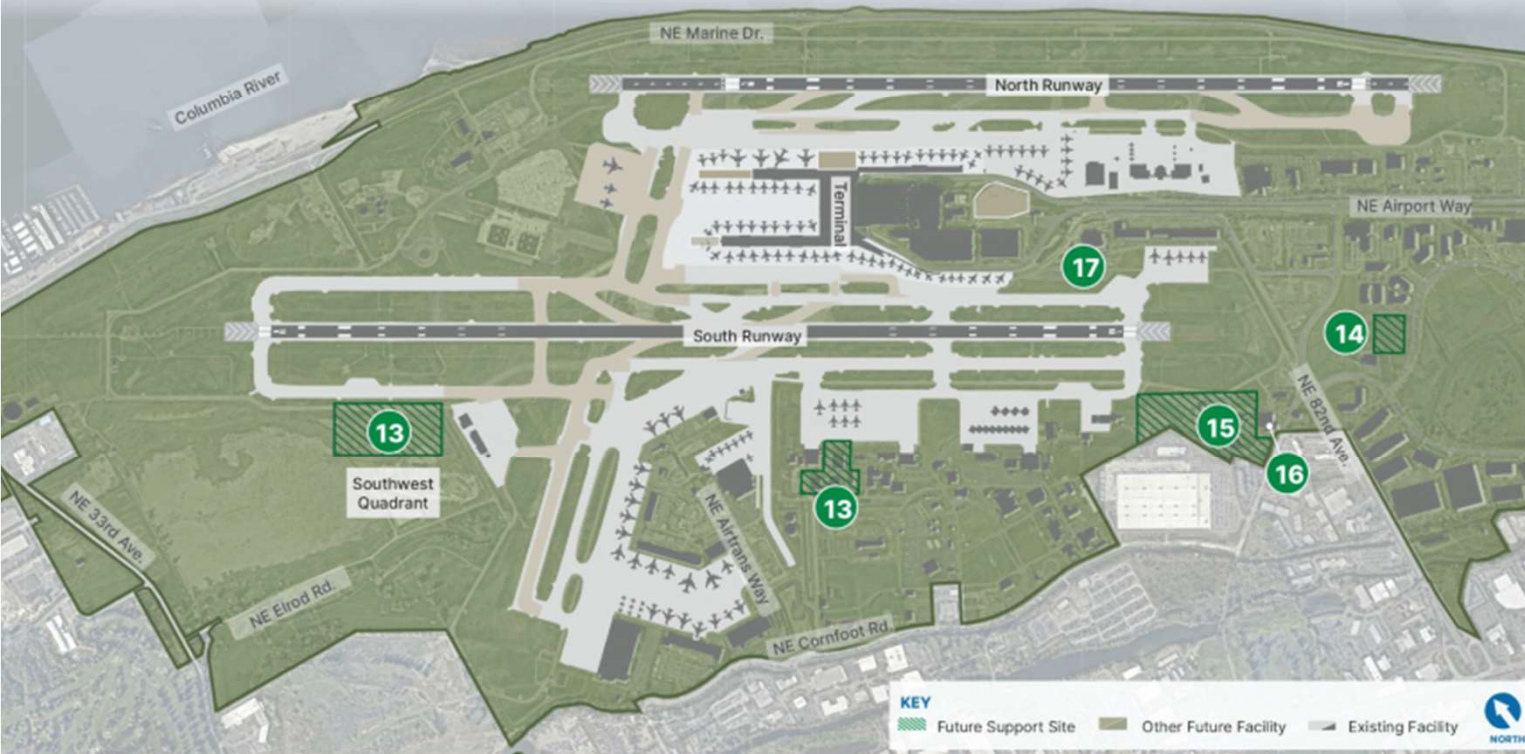
Reserve area in the northwest portion of the Airport for future General Aviation facilities.

Community and Stakeholder Input

- Prioritize the highest and best use of all areas of the Airport.
- Preserve future flexibility for unforeseen facility needs.
- Limit additional traffic on Airport Way.
- Consider potential environmental issues when planning new development.

Airline and Airport Support

PDX 2045 RECOMMENDED DEVELOPMENT STRATEGY



Community and Stakeholder Input

- Prioritize the highest and best use of all areas of the Airport.
- Repurpose existing buildings before building new.
- Consider the specific needs of airport and airline support functions.
- Be mindful of changing facility locations and the effect on employee parking and commute times.

Airline and Airport Support

13 Land Reserve for Maintenance, Repair, and Overhaul (MRO) Facilities

Reserve space for new MROs in the Southwest Quadrant.

14 Flight Kitchen Relocation

Relocate the facility off of the airfield.

15 Updated Airport Maintenance Campus

Update and expand the Airport Maintenance facilities in the existing location.

16 Additional Public Safety Facility

Colocate additional public safety facilities near the maintenance campus.

17 Additional Ground Service Equipment (GSE) Storage

Site additional GSE storage near the terminal.

PDX 2045 Recommended Development Strategy



Airfield

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- 2 Airfield Capacity Enhancements and Geometry Improvements
- 3 Centralized Deicing Area and Additional Remain Overnight Aircraft Parking

Terminal

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- 5 Concourse D Expansion
- 6 Optional Concourse C Expansion

Parking and Curbside

- 7 P4 Long-Term Parking Garage
- 8 Rental Car Storage Relocation
- 9 Additional Economy Parking Lot
- 10 Operational Curbside Enhancements

Cargo

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General Aviation

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Airline and Airport Support

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- 14 Flight Kitchen Relocation
- 15 Updated Airport Maintenance Campus
- 16 Additional Public Safety Facility
- 17 Additional Ground Service Equipment (GSE) Storage



Public Comment

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is essential!**

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link on this page and learn
more.**



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