

Mexico, and seasonal operations.

MENU



## Air Passengers

- (/) • 49.8 million in 2018 (6.2% increase over 2017)
- Domestic passengers: 44,421,969 (+6.2%, 89.1% of total)
- International passengers: 5,427,551 (+5.7%, 10.9% of total)
- U.S. rank by passenger numbers: #8 (2018 rank)
- World ranking by passenger numbers: #31
- Gates: 80
- Approximately 70% of the airport's passengers originate and/or terminate their itinerary at Sea-Tac

## Air Cargo

- 432,315 metric tons in 2018 (1.5 percent from 2017)
- U.S. rank by air cargo (/sea-tac/air-cargo) volume: #19 in 2017

## Aircraft Operations

- ✶ • 438,391 takeoffs and landings at Sea-Tac Airport in 2018
- Aircraft operations increased 5.3 percent from 2017
- Air carrier, 97% of total operations
- Air taxi, 2% of total operations
- 15th busiest U.S. commercial service airport (2016 rank)

## Runways

Sea-Tac Airport operates with three category IIIb certified runways using ASR-9 and ASDE-X radars which reduce congestion and delays:

- 16L/34R - 11,901 feet, concrete/grooved
- 16C/34C - 9,426 feet, concrete/grooved
- 16R/34L - 8,500 feet, concrete/grooved

Detailed information on Sea-Tac Airport is available on <http://www.airnav.com/airport/KSEA> (<http://www.airnav.com/airport/KSEA>).

## Air Carriers

### Top carriers by passengers (percent of total):

- Alaska 50.6%
- Delta 23.3%
- United 6.2%
- Southwest, 6.2%

Blue Carbon Pilot Program Fact Sheet (/sites/default/files/2018-10/POS\_2018-06\_BlueCarbon-1PGR.pdf)

SEARCH

International Arrivals Facility Fact Sheet (/sites/default/files/2019-03/POS\_2019-1\_IAF\_1Pager.pdf)

Port of Seattle and Cruise Accomplishments in Sustainability (/sites/default/files/2018-05/POS\_1805\_CruiseEnvironment.pdf)

Sea-Tac Airport International Arrivals Facility Fact Sheet (/sites/default/files/2018-03/Sea-Tac\_Intl\_Arrivals\_Fact\_Sheet.pdf)

Smith Cove Blue Carbon Pilot Project Oyster Seeding (/sites/default/files/2018-10/Oyster\_Bed\_Map.pdf)

**Table 2-11  
COMMERCIAL PASSENGER OPERATIONS FORECAST  
Seattle-Tacoma International Airport**

Year	Domestic			International			Total		
	Air Carrier	Commuter	Total	Air Carrier	Commuter	Total	Air Carrier	Commuter	Total
<b>Actual</b>									
1995	194,400	120,600	315,000	11,000	20,400	31,400	205,400	141,000	346,400
2000	217,800	151,600	369,400	9,600	32,600	42,200	227,400	184,200	411,600
2005	203,170	85,332	288,502	10,076	22,332	32,408	213,246	107,664	320,910
2006	205,936	83,388	289,324	9,436	22,136	31,572	215,372	105,524	320,896
2007	207,570	88,292	295,862	10,086	22,018	32,104	217,656	110,310	327,966
2008	211,658	84,542	296,200	10,606	20,738	31,344	222,264	105,280	327,544
2009	195,540	77,796	273,336	9,742	18,792	28,534	205,282	96,588	301,870
<b>Forecast</b>									
2010	193,400	72,600	266,000	9,800	18,600	28,400	203,200	91,200	294,400
2016	227,400	81,000	308,400	13,400	23,600	37,000	240,800	104,600	345,400
2018	241,600	86,400	328,000	14,000	24,000	38,000	255,600	110,400	366,000
2021	264,400	95,000	359,400	15,000	24,800	39,800	279,400	119,800	399,200
<b>Average Annual Growth Rates:</b>									
1995-2000	2.3%	4.7%	3.2%	-2.7%	9.8%	6.1%	2.1%	5.5%	3.5%
2000-2009	-1.2%	-7.1%	-3.3%	0.2%	-5.9%	-4.3%	-1.1%	-6.9%	-3.4%
1995-2009	0.0%	-3.1%	-1.0%	-0.9%	-0.6%	-0.7%	0.0%	-2.7%	-1.0%
2009-2016	2.2%	0.6%	1.7%	4.7%	3.3%	3.8%	2.3%	1.1%	1.9%
2016-2021	3.1%	3.2%	3.1%	2.3%	1.0%	1.5%	3.0%	2.8%	2.9%
2009-2021	2.5%	1.7%	2.3%	3.7%	2.3%	2.8%	2.6%	1.8%	2.4%

Sources: Airport Records; Landrum & Brown analysis

The result of the foregoing assumptions regarding load factors and ASPD ratios is that domestic air carrier operations are forecast to grow from 195,540 operations in 2009 to 264,400 operations by 2021, representing average annual growth of 2.5 percent. Domestic commuter operations are expected to increase from 77,796 operations in 2009 to 95,000 operations by 2021 (average annual growth rate of 1.7 percent). International air carrier operations are expected to grow 3.7 percent per year from 9,742 operations to 15,000 operations by 2021 as a result of the expected introduction of Latin American and Asia services. International commuter operations are forecast to increase from 18,792 operations in 2009 to 24,800 operations by 2021. Total annual aircraft operations at Sea-Tac Airport are expected to increase from 301,870 in 2009 to 399,200 in 2021 averaging an average growth rate of 2.4 percent per year.

## 2.2.5 COMMERCIAL PASSENGER OPERATIONS FLEET MIX

Once the operations forecast was developed for domestic air carrier, domestic commuter, international air carrier, and international commuter activity, these operations were allocated to aircraft groups and specific aircraft types. The fleet mix was developed to match the ASPD targets for each of the four components of commercial passenger demand presented in the previous subsections. The process of developing the fleet mix allowed for the calibration of those assumptions and, where appropriate, modifications were made prior to finalizing the assumptions presented in the preceding subsections. The allocation of domestic commercial passenger operations by aircraft type is shown in **Table 2-12**.