

Boston-Logan International Airport 2016 EDR

Table 6-15 Airline Operations (percent) in Original Stage 3 or Equivalent Stage 4 Aircraft¹ (2015 to 2016)

Airlines with more than 100 flights	Number of Flights		Percentage of Original Stage 3 and 4 Operations ²			
	2015	2016	2015 Stage 3	2015 Stage 4 Equiv.	2016 Stage 3	2016 Stage 4 Equiv.
JetBlue Airways	85,852	91,736	0%	100%	0%	100%
American Airlines	48,355	55,782	0%	100%	0%	100%
Delta Air Lines	33,909	33,935	8%	93%	7%	93%
United Airlines	24,644	25,052	0%	100%	0%	100%
Southwest Airlines	21,514	24,436	25%	79%	18%	82%
Spirit Airlines	4,896	7,245	0%	100%	0%	100%
Shuttle America Corp	5,290	6,546	0%	100%	0%	100%
Pinnacle Airlines	7,284	6,260	0%	100%	0%	100%
Air Canada Jazz	5,037	5,832	0%	100%	0%	100%
AWAC - US Air Express	4,998	5,010	0%	100%	0%	100%
Delta Connection/Atlantic SE	4,923	4,032	0%	100%	0%	100%
Federal Express	3,523	3,896	74%	30%	64%	36%
Virgin America	3,426	3,724	0%	100%	0%	100%
Alaska Airlines	3,027	3,256	0%	100%	0%	100%
GoJet Airlines	1,309	2,783	0%	100%	0%	100%
Sky Regional Airlines Inc	3,784	2,738	0%	100%	0%	100%
Air Canada	1,718	2,713	0%	100%	0%	100%
British Airways	2,575	2,702	0%	100%	0%	100%
Aer Lingus	1,973	2,066	2%	97%	1%	99%
United Parcel Service	1,538	1,834	0%	100%	0%	100%
Lufthansa	1,687	1,728	0%	100%	0%	100%
US Airways Express/Republic	4,669	1,458	0%	100%	0%	100%
Emirates Airlines	914	1,382	0%	100%	0%	100%
Endeavor Air	N/A	1,377	N/A	N/A	0%	100%
Sun Country Airlines	1,414	1,374	0%	100%	0%	100%
Icelandair	1,365	1,358	0%	100%	0%	100%
Swiss Air	711	1,020	0%	100%	0%	100%
Hainan Airlines Co. Ltd.	744	961	0%	100%	0%	100%
Air France	910	900	0%	100%	0%	100%
Japan Airlines	728	736	0%	100%	0%	100%
Virgin Atlantic	702	715	0%	100%	0%	100%
WOW Air, LLC.	445	678	N/A	100%	0%	100%
Turkish Airlines	726	658	0%	100%	0%	100%
Norwegian Air Shuttle	N/A	656	N/A	N/A	0%	100%
Compañía Panameña de Aviación S.A.	646	638	0%	100%	0%	100%

Table 6-15 Airline Operations (percent) in Original Stage 3 or Equivalent Stage 4 Aircraft¹ (2015 to 2016) (Continued)

Airlines with more than 100 flights	Number of Flights		Percentage of Original Stage 3 and 4 Operations ²			
	2015	2016	2015 Stage 3	2015 Stage 4 Equiv.	2016 Stage 3	2016 Stage 4 Equiv.
SATA International Airlines	542	630	1%	99%	0%	100%
Aeromexico	345	580	0%	100%	0%	100%
Alitalia	562	558	0%	100%	0%	100%
Qatar Airways	N/A	552	N/A	N/A	0%	100%
ATI	302	502	0%	100%	0%	100%
Scandinavian Airlines of North America, Inc.	N/A	500	N/A	N/A	0%	100%
Mesa Airlines	437	486	0%	100%	0%	100%
Cathay Pacific	279	454	0%	100%	0%	100%
Iberia Air Lines of Spain	336	412	0%	100%	0%	100%
TAP - Air Portugal	N/A	378	N/A	N/A	0%	100%
El Al Israel Airlines Ltd.	152	296	100%	0%	100%	0%
Air Berlin	N/A	192	N/A	N/A	0%	100%
SkyWest Airlines	548	108	0%	100%	0%	100%

Source: Massport, 2017.

N/A Not Available

1 Operations for some carriers differ with those in Chapter 2, *Activity Levels*, and Chapter 7, *Air Quality/Emissions Reduction* because the table only includes jet aircraft, not turboprops, and it includes scheduled and unscheduled air carriers.

2 Original Stage 3 means originally manufactured as a certificated Stage 3 aircraft under FAR Part 36. Stage 4 equivalent means the aircraft is either certificated Stage 4 or certificated Stage 3 and meets Stage 4 requirements.

Noise Complaint Line

In 2016, Massport received 38,046 noise complaints from 83 communities, more than double the 2015 total of 17,685 noise complaints from 84 communities. The community of Milton generated 83 percent of this increase. The number of individual complainants increased by 19 percent. This increase is substantial, but much smaller than the 115 percent increase in calls, indicating that noise annoyance continues to grow among a concentrated population rather than spreading to a larger population. This is consistent with a recent survey of U.S. airports that finds noise complaints concentrated among relatively small numbers of complainants²⁶ (see Appendix H, *Noise Abatement*). The increase in complaints continues to be primarily related to FAA’s RNAV departure procedures.

26 Dourado, E. and Russell, R. October 2016. *Airport Noise NIMBYism: An Empirical Investigation*. Mercatus Center at George Mason University. <https://www.mercatus.org/system/files/dourado-airport-noise-mop-v1.pdf>.