

Boston-Logan International Airport 2015 EDR

Noise-exposed Population by Community¹

Boston³						Revere					
Year	Census	> 75 DNL	70-75 DNL	65²-70 DNL	Total (65+) ² DNL	Year	Census	> 75 DNL	70-75 DNL	65²-70 DNL	Total (65+) DNL
1990	1990	0	1,778	28,970	30,748	1990	1990	0	0	4,274	4,274
2000	2000	0	234	9,014	9,248	2000	2000	0	0	2,496	2,496
2010 (7.0b)	2010	0	0	689	689	2010 (7.0b)	2010	0	0	2,413	2,413
2011 (7.0b)	2010	0	0	331	331	2011 (7.0b)	2010	0	0	2,547	2,547
2011 (7.0c)	2010	0	0	331	331	2011 (7.0c)	2010	0	0	2,547	2,547
2012 (7.0c)	2010	0	0	439	439	2012 (7.0c)	2010	0	0	2,772	2,772
2012 (7.0d)	2010	0	0	421	421	2012 (7.0d)	2010	0	0	2,762	2,762
2013 (7.0d)	2010	0	0	612	612	2013 (7.0d)	2010	0	0	2,505	2,505
2014 (7.0d)	2010	0	34	4,151	4,185	2014 (7.0d)	2010	0	0	2,832	2,832
2015 (7.0d)	2010	0	110	7,255	7,365	2015 (7.0d)	2010	0	0	3,789	3,789
Chelsea						Winthrop					
Year	Census	> 75 DNL	70-75 DNL	65²-70 DNL	Total (65+) ² DNL	Year	Census	> 75 DNL	70-75 DNL	65²-70 DNL	Total (65+) DNL
1990	1990	0	0	4,813	4,813	1990	1990	676	1,211	2,420	4,307
2000	2000	0	0	0	0	2000	2000	247	1,070	4,684	6,001
2010(7.0b)	2010	0	0	0	0	2010 (7.0b)	2010	0	130	598	728
2011 (7.0b)	2010	0	0	0	0	2011 (7.0b)	2010	0	130	939	1,069
2011 (7.0c)	2010	0	0	0	0	2011 (7.0c)	2010	0	130	939	1,069
2012 (7.0c)	2010	0	0	0	0	2012 (7.0d)	2010	0	200	1,325	1,525
2012 (7.0d)	2010	0	0	0	0	2012 (7.0d)	2010	0	200	1,186	1,386
2013 (7.0d)	2010	0	0	0	0	2013 (7.0d)	2010	0	130	1,060	1,190
2014 (7.0d)	2010	0	0	0	0	2014 (7.0d)	2010	0	130	1,775	1,905
2015 (7.0d)	2010	0	0	0	0	2015 (7.0d)	2010	0	320	2,623	2,943

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Noise-exposed Population by Community¹ (Continued)

Everett						All Communities					
Year	Census	> 75 DNL	70-75 DNL	65²-70 DNL	Total (65+) ² DNL	Year	Census	> 75 DNL	70-75 DNL	65²-70 DNL	Total (65+)² DNL
1990	1980	0	0	0	0	1990	1980	676	2,989	40,477	44,142
2000	2000	0	0	0	0	2000	2000	247	1,304	16,194	17,745
2010 (7.0b)	2010	0	0	0	0	2010 (7.0b)	2010	0	130	3,700	3,830
2011 (7.0b)	2010	0	0	0	0	2011 (7.0b)	2010	0	130	3,817	3,947
2011 (7.0c)	2010	0	0	0	0	2011 (7.0c)	2010	0	130	3,817	3,947
2012 (7.0c)	2010	0	0	0	0	2012 (7.0c)	2010	0	200	4,536	4,736
2012 (7.0d)	2010	0	0	0	0	2012 (7.0d)	2010	0	200	4,369	4,569
2013 (7.0d)	2010	0	0	0	0	2013 (7.0d)	2010	0	130	4,177	4,307
2014 (7.0d)	2010	0	0	0	0	2014 (7.0d)	2010	0	164	8,758	8,922
2015 (7.0d)	2010	0	0	0	0	2015 (7.0d)	2010	0	430	13,667	14,097

Source: HMMH 2016, Massport.

Notes: Population counts for 2010 through 2015 are provided for the 2010 U.S. Census block data (as indicated) and the contours are from the RealContours™ system.

- 1 Data for years prior to 2010 are available in Appendix H, *Noise Abatement*. 7.0b, 7.0c, and 7.0d refer to INMv7.0b, INMv7.0c, and INMv7.0d respectively.
- 2 DNL 65 dB is the federally-defined noise criterion used as a guideline to identify when residential land use is considered incompatible with aircraft noise.
- 3 These values reflect the effect of the FAA-approved terrain adjustment in Orient Heights.