

**Table G-3: 2016 Based Aircraft Projections (Bottom Up Based on Population Growth)**

District	Pennsylvania Counties	2012 Based Aircraft	2016 Based Aircraft	2000-2010 Pop. Growth (2010 Census)	Applied Avg. Annual Growth Rate	Projected Based Aircraft		
						2021	2026	2036
District 1	Erie, Crawford, Mercer, Venango, Forest, Warren	213	207	-0.1%	0.225%	210	212	217
District 2	Cameron, Centre, Clearfield, Clinton, Elk, Juniata, McKean, Mifflin, Potter	284	251	0.30%	0.50%	259	265	279
District 3	Bradford, Columbia, Lycoming, Montour, Northumberland, Snyder, Sullivan, Tioga, Union	212	220	0.10%	0.45%	226	231	242
District 4	Lackawanna, Luzerne, Pike, Susquehanna, Wayne, Wyoming	309	323	0.30%	0.45%	332	339	355
District 5	Berks, Carbon, Lehigh, Northampton, Monroe, Schuylkill	666	616	1.00%	0.9%	650	680	744
District 6	Bucks, Chester, Delaware, Montgomery, Philadelphia	1082	1,115	0.40%	0.45%	1,145	1,171	1,225
District 8	Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon, Perry, York	845	816	1.00%	0.9%	861	901	985
District 9	Bedford, Blair, Cambria, Fulton, Huntingdon, Somerset	187	150	-0.20%	0.225%	152	154	157
District 10	Armstrong, Butler, Clarion, Indiana, Jefferson	258	252	0.10%	0.45%	259	265	277
District 11	Allegheny, Beaver, Lawrence	379	334	-0.40%	0.225%	339	342	350
District 12	Fayette, Greene, Washington, Westmoreland	431	385	-0.10%	0.225%	390	395	404
TOTAL		4,866	4,669	0.40%	0.57%	4,822	4,955	5,234

Notes: Totals may not add due to individual rounding.

If historic population growth:

- < 0.00%, apply 1/2 of the composite Eastern Region FAA-TAF and U.S. Active GA and Air Taxi Aircraft growth rate (0.225%).
- > 0.01% and < 0.66%, apply composite Eastern Region FAA-TAF and U.S. Active GA and Air Taxi Aircraft growth rate (0.45%).
- > or = 0.66%, apply 2 times the composite Eastern Region FAA-TAF and U.S. Active GA and Air Taxi Aircraft growth rate (0.9%).

Source: PennDOT Bureau of Aviation.



Table G-4: 2016 Non-Commercial and GA Aircraft Operations Projections (Bottom Up Based on Population Growth)

District	Pennsylvania Counties	2012 Operations	2016 Operations	2000-2010 Pop. Growth (2010 Census)	Applied Avg. Annual Growth Rate	Projected Operations		
						2021	2026	2036
District 1	Erie, Crawford, Mercer, Venango, Forest, Warren	83,557	85,288	-0.1%	0.20%	86,317	87,183	88,943
District 2	Cameron, Centre, Clearfield, Clinton, Elk, Juniata, McKean, Mifflin, Potter	146,432	113,136	0.30%	0.40%	115,879	118,215	123,029
District 3	Bradford, Columbia, Lycoming, Montour, Northumberland, Snyder, Sullivan, Tioga, Union	131,427	113,281	0.10%	0.40%	116,027	118,366	123,187
District 4	Lackawanna, Luzerne, Pike, Susquehanna, Wayne, Wyoming	174,694	169,663	0.30%	0.40%	173,776	177,279	184,499
District 5	Berks, Carbon, Lehigh, Northampton, Monroe, Schuylkill	421,945	293,462	1.00%	0.80%	307,833	320,345	346,915
District 6	Bucks, Chester, Delaware, Montgomery, Philadelphia	463,349	435,618	0.40%	0.40%	446,178	455,173	473,711
District 8	Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon, Perry, York	414,056	337,760	1.00%	0.80%	354,300	368,701	399,282
District 9	Bedford, Blair, Cambria, Fulton, Huntingdon, Somerset	121,761	85,915	-0.20%	0.20%	86,951	87,824	89,597
District 10	Armstrong, Butler, Clarion, Indiana, Jefferson	112,063	112,275	0.10%	0.40%	114,997	117,315	122,093
District 11	Allegheny, Beaver, Lawrence	222,502	190,903	-0.40%	0.20%	193,205	195,145	199,083
District 12	Fayette, Greene, Washington, Westmoreland	164,143	176,402	-0.10%	0.20%	178,529	180,322	183,961
TOTAL		2,455,929	2,113,703	0.40%	0.50%	2,173,992	2,225,869	2,334,300

Notes: Totals may not add due to individual rounding.

If historic population growth:

- < 0.00%, apply 1/2 of the Eastern Region FAA-TAF growth rate (0.2%).
- > 0.01% and < 0.66%, apply Eastern Region FAA-TAF growth rate (0.4%).
- > or = 0.66%, apply 2 times the Eastern Region FAA-TAF growth rate (0.8%).

Source: PennDOT Bureau of Aviation.