

ECONOMIC IMPACT OF AVIATION IN PENNSYLVANIA

2019 INTERIM UPDATE

An interim update to the Economic Impact of Aviation in Pennsylvania, originally published in 2011, has been performed by the PennDOT Bureau of Aviation (BOA). The same methodologies used in the 2011 study, as well as the prior 2001 study, were employed in the interim update to measure the economic impact of Pennsylvania's airports. These methodologies follow guidelines set forth by the Federal Aviation Administration (FAA). Economic impacts were classified into three impact categories direct, multiplier (indirect/induced), and total. The economic benefits measured in the interim update are expressed in terms of:

- Jobs
- Payroll
- Annual Economic Activity, or Output

The interim update was made utilizing the Pennsylvania Airport Economic Impacts Calculator, which was a product of the 2011 study. BOA staff utilized the following data for the interim update:

- New economic input data from airports that included:
 - Employment: Aviation Related Business, Concessions/Rental Car and Government/Airport Management
 - Activity: Air Carrier Enplanements and Itinerant GA Operations
 - Spending: Capital Expenditures/CIP Projects: CIP Special Projects
- Recent FAA activity statistical data and BOA CIP grant histories/report data.
- Applicable data from individual airport economic studies prepared since 2011.

The statewide results of the 2011 study and 2019 interim update are as follows:

- | | | |
|-----------------|----------------------|----------------------|
| • Jobs: | 2011: 304,462 | 2019: 322,965 |
| • Payroll: | 2011: \$9.2 Billion | 2019: \$10.6 Billion |
| • Total Output: | 2011: \$23.6 Billion | 2019: \$28.5 Billion |

The overall economic impact of aviation in Pennsylvania continues to grow with increases in the number of jobs, amount of annual payroll and total output from 2011.

Please note that any other economic impact assessment studies involving Pennsylvania airports, whether accomplished for individual airports, or at the regional and national level, may differ from Pennsylvania's statewide interim study results. Any variances in results would be attributable to other industry-accepted economic impact assessment practices regarding methodologies, modeling input factors, type of multipliers employed and different impact areas that may have been assessed.

2019 Interim Annual Update Summary of Total Impacts by Airport

Airport ID	Associated City	Airport Name	Total Employment	Total Payroll	Total Output
Commercial Service Airports					
ABE	Allentown	Lehigh Valley International Airport	5,172	\$ 192,774,000	\$ 547,725,000
AOO	Altoona	Altoona-Blair County Airport	272	\$ 11,167,000	\$ 34,706,000
BFD	Bradford	Bradford Regional Airport	149	\$ 5,887,000	\$ 17,466,000
DUJ	DuBois	Dubois Regional Airport	261	\$ 12,674,000	\$ 39,528,000
ERI	Erie	Erie International Airport/Tom Ridge Field	1,719	\$ 65,785,000	\$ 182,612,000
FKL	Franklin	Venango Regional Airport	200	\$ 7,382,000	\$ 23,461,000
MDT	Harrisburg	Harrisburg International Airport	10,580	\$ 382,698,000	\$ 1,017,571,000
JST	Johnstown	John Murtha Johnstown-Cambria County Airport	1,296	\$ 63,676,000	\$ 195,368,000
LNS	Lancaster	Lancaster Airport	565	\$ 23,960,000	\$ 80,413,000
LBE	Latrobe	Arnold Palmer Regional Airport	1,497	\$ 63,887,000	\$ 226,307,000
PHL	Philadelphia	Philadelphia International Airport	207,812	\$ 6,277,933,000	\$ 16,561,963,000
PIT	Pittsburgh	Pittsburgh International Airport	73,802	\$ 2,633,045,881	\$ 7,011,038,532
UNV	State College	University Park Airport	2,802	\$ 90,736,000	\$ 232,951,000
AVP	Wilkes-Barre/Scranton	Wilkes-Barre/Scranton International Airport	5,520	\$ 179,607,000	\$ 452,138,000
IPT	Williamsport	Williamsport Regional Airport	787	\$ 29,883,000	\$ 94,015,000
Commercial Service Airports Total			312,434	\$ 10,041,094,881	\$ 26,717,262,532

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General Aviation Airports					
XLL	Allentown	Queen City Airport	60	\$ 2,656,000	\$ 9,559,000
7N8	Bally	Butter Valley Golf Port	2	\$ 81,000	\$ 329,000
BVI	Beaver Falls	Beaver County Airport	271	\$ 7,325,000	\$ 23,136,000
HMZ	Bedford	Bedford County Airport	74	\$ 2,894,000	\$ 12,110,000
N96	Bellefonte	Bellefonte Airport	4	\$ 122,000	\$ 770,000
00A	Bensalem	Total RF Heliport	-	\$ -	\$ 6,000
8N1	Bethel	Grimes Airport	4	\$ 125,000	\$ 432,000
N13	Bloomsburg	Bloomsburg Municipal Airport	14	\$ 622,000	\$ 3,077,000
P17	Breezewood	Greater Breezewood Regional Airport	-	\$ -	\$ 1,000
9W8	Brogue	Baublitz Commercial Airport	2	\$ 73,000	\$ 327,000
BTP	Butler	Pittsburgh-Butler Regional Airport	228	\$ 10,595,000	\$ 44,998,000
3G9	Butler	Butler Farm Show Airport	1	\$ 17,000	\$ 211,000
8N4	Canadensis	Flying Dollar Airport	4	\$ 125,000	\$ 446,000
N94	Carlisle	Carlisle Airport	48	\$ 2,144,000	\$ 8,023,000
N74	Centre Hall	Penn's Cave Airport	2	\$ 67,000	\$ 216,000
N16	Centre Hall	Centre Airpark	-	\$ -	\$ 2,000
N68	Chambersburg	Franklin County Regional	29	\$ 588,000	\$ 1,860,000
AXQ	Clarion	Clarion County Airport	10	\$ 322,000	\$ 1,415,000
FIG	Clearfield	Clearfield-Lawrence Airport	16	\$ 716,000	\$ 3,278,000
MQS	Coatesville	Chester County G.O. Carlson Airport	581	\$ 28,877,000	\$ 98,295,000
N10	Collegeville	Perkiomen Valley Airport	2	\$ 84,000	\$ 280,000
VVS	Connellsville	Joseph A. Hardy Connellsville Airport	143	\$ 5,962,000	\$ 21,370,000
8G2	Corry	Corry-Lawrence Airport	21	\$ 1,217,000	\$ 4,937,000
48P	Cresco	Rocky Hill Airport	1	\$ 31,000	\$ 109,000
8N8	Danville	Danville Airport	13	\$ 452,000	\$ 1,569,000
OP8	Dover	Lazy B Ranch Airport	1	\$ 31,000	\$ 82,000
DYL	Doylestown	Doylestown Airport	54	\$ 1,643,000	\$ 7,003,000
N53	East Stroudsburg	Stroudsburg-Pocono Airport	85	\$ 4,392,000	\$ 16,152,000
N43	Easton	Braden Airpark	39	\$ 1,143,000	\$ 7,870,000
9G8	Ebensburg	Ebensburg Airport	-	\$ -	\$ 46,000
22D	Eighty Four	Bandel Airport	4	\$ 125,000	\$ 430,000
03G	Erie	Thermal-G Gliderport	2	\$ 76,000	\$ 320,000
9N1	Erwinna	Vansant	6	\$ 263,000	\$ 783,000
9N2	Essington	Philadelphia Seaplane Base	-	\$ -	\$ 44,000
9N3	Factoryville	Seamans Field Airport	63	\$ 3,130,000	\$ 9,247,000
W73	Fairfield	Mid Atlantic Soaring Center Airport	-	\$ -	\$ 54,000

Airport ID	Associated City	Airport Name	Total		
			Employment	Total Payroll	Total Output
G05	Finleyville	Finleyville Airpark	8	\$ 192,000	\$ 771,000
9N7	Fredericksburg	Farmers Pride Airport	2	\$ 23,000	\$ 144,000
6P7	Freeport	McVile Airport	7	\$ 125,000	\$ 438,000
P91	Germansville	Flying M Aerodrome	5	\$ 156,000	\$ 576,000
W05	Gettysburg	Gettysburg Regional Airport	20	\$ 646,000	\$ 2,514,000
4G1	Greenville	Greenville Municipal Airport	8	\$ 279,000	\$ 1,167,000
29D	Grove City	Grove City Airport	24	\$ 710,000	\$ 3,275,000
CXY	Harrisburg	Capital City Airport	214	\$ 11,726,000	\$ 46,391,000
HZL	Hazleton	Hazleton Regional Airport	49	\$ 2,016,000	\$ 6,743,000
N30	Honesdale	Cherry Ridge Airport	24	\$ 984,000	\$ 3,016,000
N48	Horsham	Horsham Valley Airways Inc Heliport	16	\$ 721,000	\$ 3,484,000
IDI	Indiana	Indiana County Airport /Jimmy Stewart Field	27	\$ 878,000	\$ 3,554,000
31D	Irwin	Inter County Airport	-	\$ -	\$ -
5G8	Jeannette	Greensburg Jeannette Regional Airport	9	\$ 484,000	\$ 1,946,000
P96	Jersey Shore	Jersey Shore Airport	2	\$ 63,000	\$ 258,000
07N	Kralltown	Bermudian Valley Airpark	4	\$ 125,000	\$ 447,000
08N	Lebanon	Keller Brothers Airport	1	\$ 19,000	\$ 247,000
14N	Lehighton	Beltzville Airport	3	\$ 99,000	\$ 475,000
22N	Lehighton	Jake Arner Memorial Airport	60	\$ 3,130,000	\$ 12,832,000
LHV	Lock Haven	William T. Piper Memorial Airport	51	\$ 2,226,000	\$ 7,888,000
P09	Mars	Lakehill Airport	-	\$ -	\$ 2,000
GKJ	Meadville	Port Meadville Airport	65	\$ 4,050,000	\$ 13,541,000
P34	Mifflintown	Mifflintown Airport	9	\$ 229,000	\$ 805,000
FWQ	Monongahela	Rostraver Airport	142	\$ 7,066,000	\$ 24,142,000
4G0	Monroeville	Pittsburgh-Monroeville Airport	-	\$ -	\$ 18,000
O03	Morgantown	Morgantown Airport	10	\$ 451,000	\$ 2,155,000
N71	Mount Joy/Marietta	Donegal Spring Airpark	26	\$ 1,030,000	\$ 4,222,000
P45	Mount Pleasant	Mount Pleasant/Scottdale Airport	-	\$ -	\$ 8,000
P99	Mount Pleasant	W P H S Heliport	82	\$ 4,413,000	\$ 15,083,000
MPO	Mount Pocono	Pocono Mountains Municipal Airport	69	\$ 2,524,000	\$ 7,640,000
9D4	Myerstown	Deck Airport	25	\$ 1,132,000	\$ 4,006,000
UCP	New Castle	New Castle Municipal Airport	34	\$ 1,277,000	\$ 5,124,000
7G4	Newry	Blue Knob Valley Airport	4	\$ 221,000	\$ 784,000
58N	Palmyra	Reigle Field Airport	17	\$ 723,000	\$ 3,414,000
CKZ	Perkasie	Pennridge Airport	19	\$ 761,000	\$ 3,403,000
PNE	Philadelphia	Northeast Philadelphia Airport	1,909	\$ 99,760,000	\$ 340,373,000
P72	Philadelphia	Penn's Landing Heliport	24	\$ 992,000	\$ 3,348,000
LOM	Philadelphia	Wings Field	105	\$ 4,282,000	\$ 20,151,000
1N3	Philipsburg	Albert Airport	-	\$ -	\$ 7,000
PSB	Philipsburg	Mid-State Airport	3	\$ 181,000	\$ 820,000
AGC	Pittsburgh	Allegheny County Airport	3,710	\$ 246,582,683	\$ 609,957,540
9G1	Pittsburgh	Pittsburgh Northeast Airport	4	\$ 122,000	\$ 642,000
P15	Pittsfield	Brokenstraw Airport	2	\$ 76,000	\$ 322,000
PTW	Pottstown	Heritage Field Airport	97	\$ 5,373,000	\$ 20,055,000
N47	Pottstown	Pottstown Municipal Airport	25	\$ 721,000	\$ 2,800,000
ZER	Pottsville	Schuylkill County/Joe Zerbey Airport	80	\$ 2,905,000	\$ 9,851,000
N35	Punxsutawney	Punxsutawney Municipal Airport	7	\$ 226,000	\$ 840,000
UKT	Quakertown	Quakertown Airport	45	\$ 1,481,000	\$ 4,861,000
RDG	Reading	Reading Regional Airport/Carl A Spaatz Field	685	\$ 29,638,000	\$ 114,201,000
RVL	Reedsville	Mifflin County Airport	12	\$ 331,000	\$ 1,484,000
SEG	Selinsgrove	Penn Valley Airport	52	\$ 1,501,000	\$ 5,254,000
N79	Shamokin	Northumberland County Airport	14	\$ 483,000	\$ 2,043,000
69N	Slatington	Slatington Airport	3	\$ 126,000	\$ 502,000
S31	Smoketown	Smoketown Airport	45	\$ 2,041,000	\$ 6,491,000
2G9	Somerset	Somerset County Airport	18	\$ 570,000	\$ 2,262,000
OYM	St Marys	St Marys Municipal Airport	27	\$ 1,105,000	\$ 4,226,000
70N	Sterling	Spring Hill Airport	5	\$ 152,000	\$ 811,000
OP2	Stewartstown	Shoestring Aviation Airfield	3	\$ 94,000	\$ 336,000
71N	Sunbury	Sunbury Airport	2	\$ 63,000	\$ 221,000

Airport ID	Associated City	Airport Name	Total		
			Employment	Total Payroll	Total Output
H11	Sunbury	Sunbury Seaplane Base	-	\$ -	\$ -
6G1	Titusville	Titusville Airport	8	\$ 192,000	\$ 796,000
N57	Toughkenamon	New Garden Airport	83	\$ 2,917,000	\$ 12,077,000
N27	Towanda	Bradford County Airport	27	\$ 966,000	\$ 2,562,000
74N	Tower City	Bendigo	2	\$ 63,000	\$ 282,000
76N	Tunkhannock	Skyhaven Airport	14	\$ 478,000	\$ 2,045,000
79N	Unionville	Ridge Soaring Gliderport	12	\$ 343,000	\$ 1,389,000
AFJ	Washington	Washington County Airport	312	\$ 16,511,000	\$ 64,175,000
WAY	Waynesburg	Greene County Airport	20	\$ 598,000	\$ 2,399,000
N38	Wellsboro	Wellsboro-Johnston Airport	2	\$ 34,000	\$ 450,000
2N5	Wellsville	Kampel Airport	1	\$ 80,000	\$ 180,000
OQN	West Chester	Brandywine Regional Airport	69	\$ 3,314,000	\$ 7,788,000
WBW	Wilkes-Barre	Wilkes-Barre Wyoming Valley Airport	45	\$ 1,106,000	\$ 7,137,000
6G6	Williamsburg	Cove Valley Airport	2	\$ 63,000	\$ 211,000
THV	York	York Airport	185	\$ 7,844,000	\$ 29,570,000
PJC	Zelienople	Zelienople Municipal Airport	52	\$ 2,152,000	\$ 9,488,000
General Aviation Airports Total			10,531	\$ 559,843,683	\$ 1,751,707,540
ALL AIRPORTS TOTAL			322,965	\$ 10,600,938,564	\$ 28,468,970,072