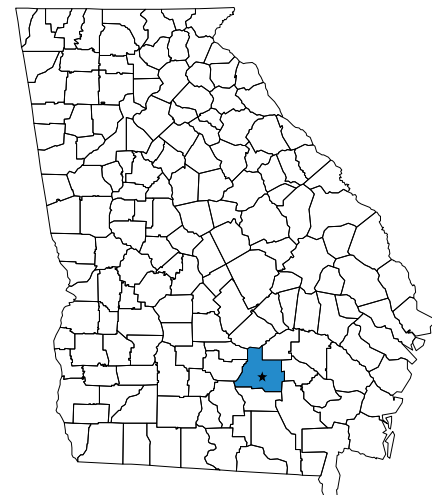


Aerospace Attractiveness

Georgia was **ranked #1** for aerospace attractiveness by Pricewaterhouse Coopers (PwC) in 2020, both overall and in the Infrastructure category.

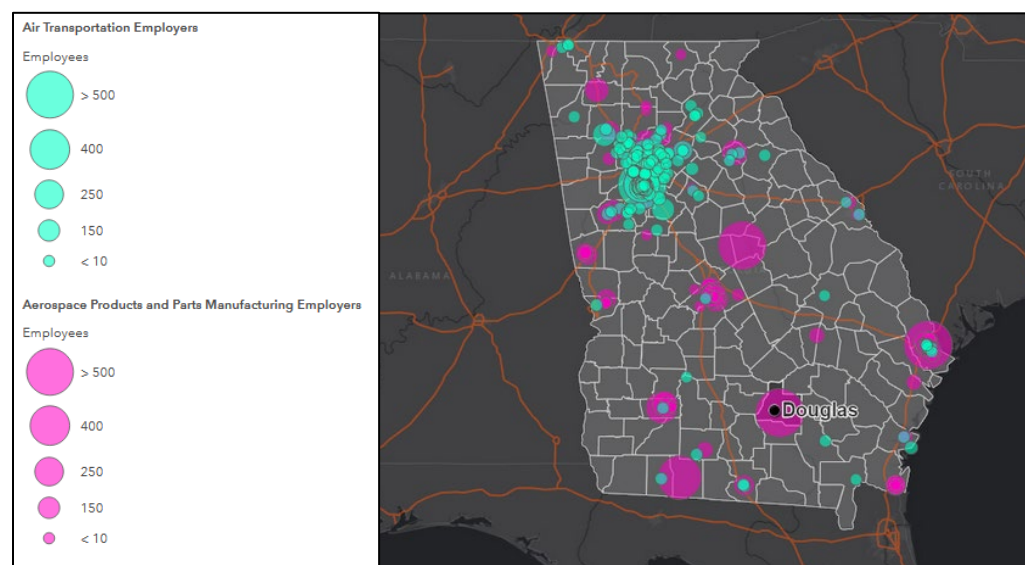
Top 10 state rankings for aerospace attractiveness

State	Final rank	Cost	Labor	Infrastructure	Industry	Economy	Tax policy
Georgia	1	10	12	1	5	10	4
Ohio	2	30	15	6	4	4	1
Washington	3	33	3	17	1	3	13
Texas	4	37	8	20	2	1	25
North Carolina	5	19	21	12	7	7	2
Indiana	6	22	33	3	10	14	3
Arizona	7	15	17	15	6	19	8
Michigan	8	27	9	28	14	12	7
Florida	9	39	23	2	8	6	18
California	10	47	6	22	3	2	43



Employers

Employers in the air transportation industry are largely clustered around metro Atlanta, while aerospace manufacturing employers are distributed throughout the state, including in South Georgia. View an interactive map of air



transportation and aerospace employers in Georgia at <https://arcg.is/1Hnma1>. (Note: The interactive Story Map is best viewed on desktop devices.)

PCC Airfoils is a large manufacturer of aircraft parts located in Douglas, Georgia. **PCC in Douglas** principally manufactures aircraft and land-based gas turbine engine rotating blades, stationary vanes, and engine nozzles for OEM's.

Source: DatabaseUSA (October 2020)

Georgia's Airports

Georgia's airports have a **large economic impact** on the state. Hartsfield-Jackson Atlanta International Airport, the busiest passenger airport in the world, contributes \$66.8 billion to Georgia's economy each year. In total, Georgia's 103 airports contribute **\$73.7 billion** to the state economy, an increase from \$62.6 billion in 2011. Georgia has 19.4 million visitors who arrive by air each year and collectively account for \$20.6 billion in annual economic activity. Georgia's airports support 104,247 jobs directly and **450,502 total jobs** when indirect and induced impacts are factored in.

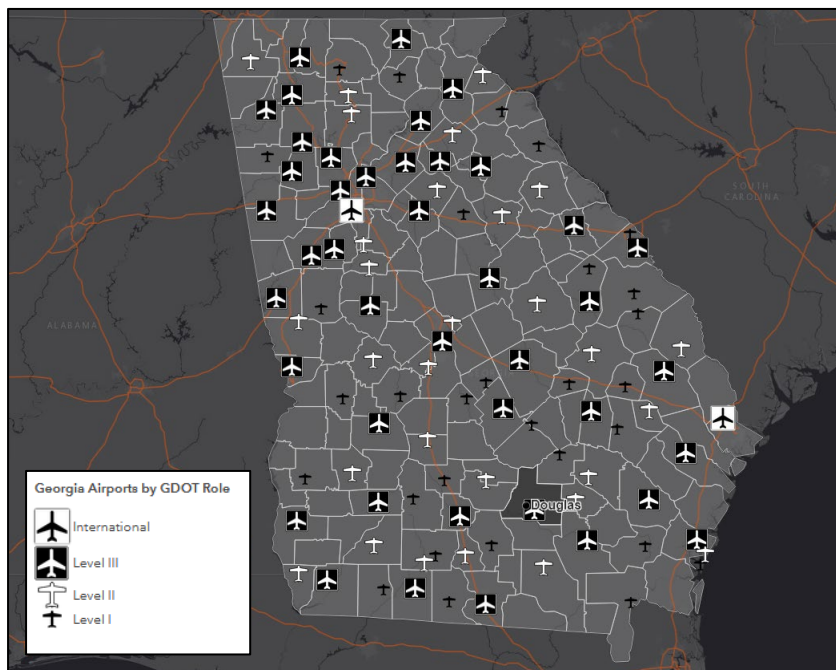
Douglas Municipal Airport

Douglas Municipal Airport supports **102 employees**, \$3.9 million in annual payroll, and \$7.1 million in annual consumer spending, for a total of **\$11.1 million** in annual economic impact.

View the full report at

http://www.dot.ga.gov/InvestSmart/Aviation/GAAirportsDocuments/Individual%20Report_DQH.pdf.

Douglas Municipal Airport is considered well-developed and is designated a GDOT Level III, the highest level. The top five destinations for Douglas Municipal Airport are Savannah, Atlanta, Jacksonville, Knoxville, and Destin.



Source: 2020 Georgia Airports Economic Impacts Report, Georgia Department of Transportation

Note: Figures reflect conditions before the COVID-19 pandemic.

Aerospace Occupations in Georgia

Aerospace occupations in Georgia have a positive outlook when looking five years into the future, despite employment losses in the previous five years. While many occupations involved in air transportation, such as flight attendants and commercial pilots, are expected to see a short-term dip in employment through 2021, the employment counts are expected to grow significantly in the next five years. Aerospace manufacturing occupations show less of a short-term dip related to COVID-19 and are also expected to grow in the next five years. Most individual aerospace occupations in Georgia have positive growth outlooks, even when factoring in effects from COVID-19.

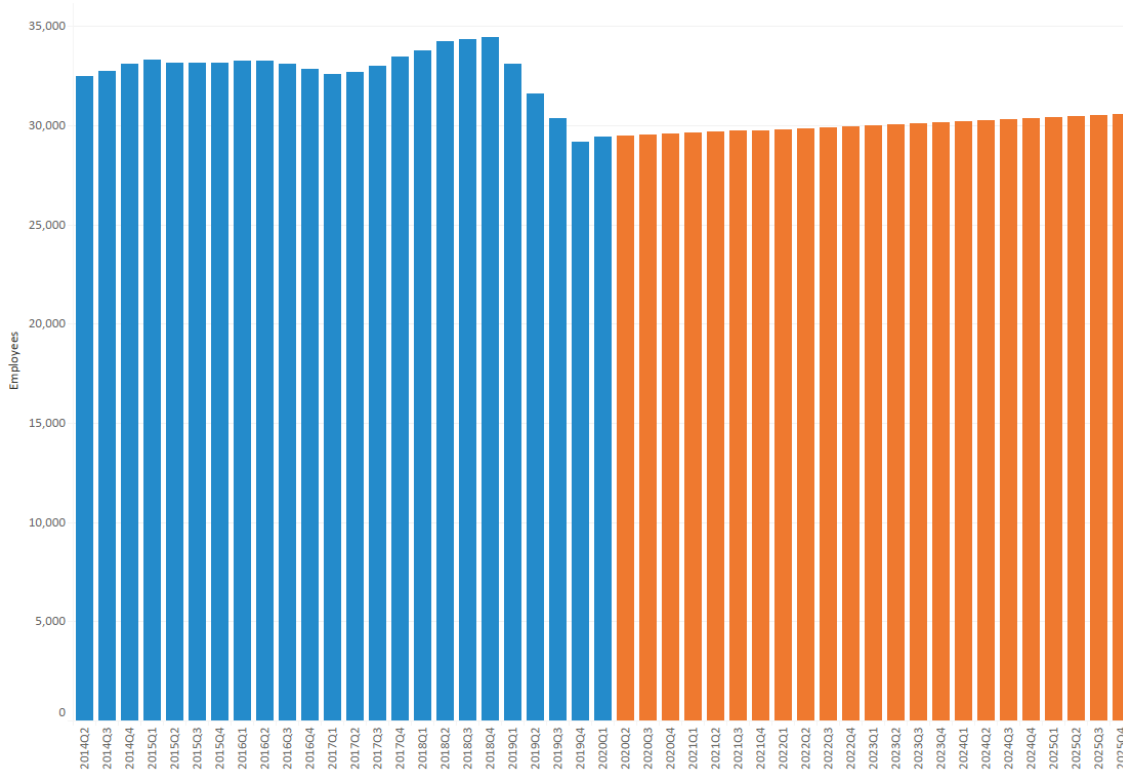
Aerospace Occupations in Georgia, COVID-19 Model, 2020Q1

SOC	Occupation	CURRENT						5-YEAR HISTORY		5-YEAR FORECAST				
		Empl	Avg Ann Wages ²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
53-2031	Flight Attendants	8,071	\$55,800	2.05	24	0.3%	4	-1,649	-3.7%	5,210	2,176	2,511	523	1.3%
49-3011	Aircraft Mechanics and Service Technicians	6,719	\$62,300	1.61	64	1.0%	51	-484	-1.4%	2,925	911	1,855	159	0.5%
53-2011	Airline Pilots, Copilots, and Flight Engineers	5,367	\$99,600	2.00	44	0.8%	n/a	-1,315	-4.3%	2,989	763	2,016	210	0.8%
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	2,499	\$56,500	1.90	151	6.0%	12	-69	-0.5%	748	226	756	-234	-1.9%
17-2011	Aerospace Engineers	2,151	\$112,700	1.08	18	0.9%	75	-80	-0.7%	759	229	469	61	0.6%
53-6098	Aircraft Service Attendants and Transportation Workers, All Other	1,607	\$34,400	1.53	46	2.8%	15	-425	-4.6%	957	289	586	81	1.0%
53-2012	Commercial Pilots	1,321	\$140,500	1.07	9	0.7%	19	91	1.4%	763	191	504	69	1.0%
53-2021	Air Traffic Controllers	957	\$134,600	1.44	5	0.5%	11	44	1.0%	493	118	344	31	0.6%
53-2022	Airfield Operations Specialists	391	\$59,300	1.25	2	0.5%	6	-17	-0.8%	208	48	141	19	1.0%
53-1041	Aircraft Cargo Handling Supervisors	342	\$53,900	1.17	8	2.4%	3	41	2.6%	200	56	131	13	0.8%
	Aerospace Occupations	29,427	\$74,700	1.67	371	1.3%	196	-3,862	-2.4%	15,251	5,006	9,313	933	0.6%
	Total - All Occupations	4,913,902	\$49,800	1.00	168,651	3.4%	238,908	456,247	2.0%	3,049,743	1,072,357	1,777,565	199,821	0.8%

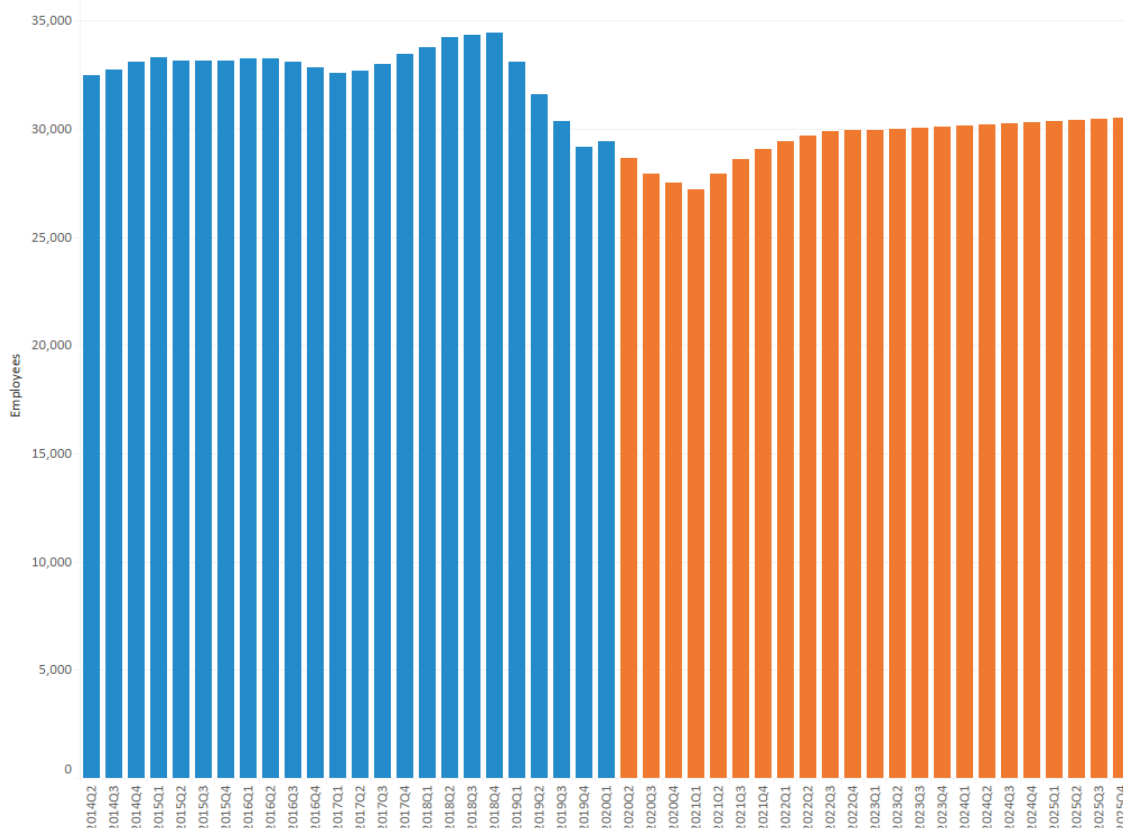
Source: JobsEQ 2020Q1

View an interactive version of the following graphs at <https://arcg.is/1Hnma1>. (Note: The interactive Story Map is best viewed on desktop devices.)

Aerospace Occupations in Georgia, Baseline Model



Aerospace Occupations in Georgia, COVID-19 Model



Aerospace Occupations in Douglas Region

Mirroring statewide trends, aerospace occupations in the Douglas region (within 100 miles of Douglas) have positive growth forecasts for the next five years. Individual aerospace occupations in the Douglas region are projected to have positive employment growth in the next five years, despite losses in the prior five years and the effects of COVID-19. In particular, jobs for Aircraft Mechanics and Service Technicians are projected to grow significantly in the region, which includes Albany, Savannah, Macon, Tallahassee, and Jacksonville, all of which are within 100 miles of Douglas.

Aerospace Occupations in Douglas, Georgia (100 Mile Radius), COVID-19 Model, 2020Q1

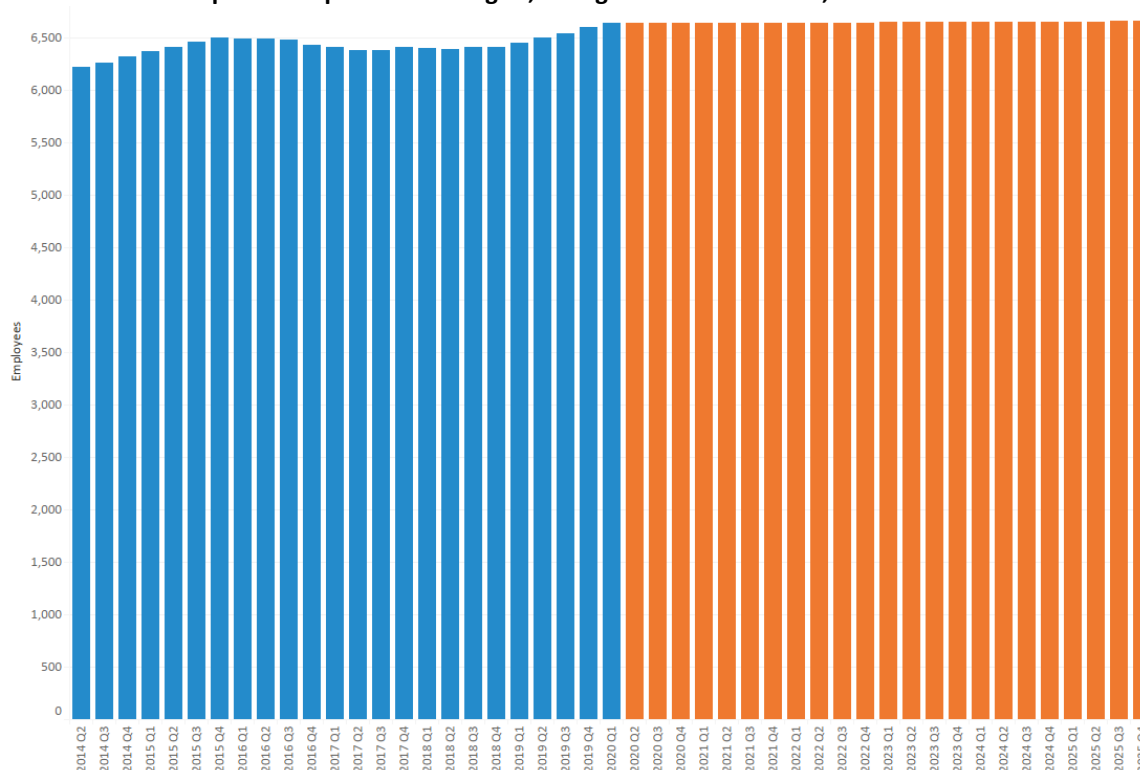
SOC	Occupation	CURRENT						5-YEAR HISTORY		5-YEAR FORECAST				
		Empl	Avg Ann Wages ²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
49-3011	Aircraft Mechanics and Service Technicians	2,318	\$58,500	1.56	20	0.9%	93	81	0.7%	1,042	318	647	77	0.7%
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1,481	\$62,600	3.16	87	5.9%	7	72	1.0%	436	133	446	-144	-2.0%
17-2011	Aerospace Engineers	1,015	\$106,500	1.44	8	0.9%	28	-31	-0.6%	337	106	217	13	0.3%
53-2012	Commercial Pilots	449	\$116,300	1.02	2	0.6%	14	43	2.0%	249	64	169	16	0.7%
53-6098	Aircraft Service Attendants and Transportation Workers, All Other	401	\$33,900	1.07	11	2.7%	11	-33	-1.6%	232	71	145	15	0.8%
53-2021	Air Traffic Controllers	312	\$130,300	1.32	1	0.5%	2	13	0.8%	151	38	110	4	0.2%
53-2011	Airline Pilots, Copilots, and Flight Engineers	251	\$171,700	0.26	2	0.7%	n/a	39	3.5%	137	36	94	7	0.6%
53-2031	Flight Attendants	215	\$56,700	0.15	1	0.3%	4	52	5.7%	138	58	67	13	1.2%
53-2022	Airfield Operations Specialists	115	\$54,900	1.03	0	n/a	1	4	0.7%	61	14	41	5	0.8%
53-1041	Aircraft Cargo Handling Supervisors	88	\$62,700	0.84	2	2.1%	2	27	7.7%	51	14	34	3	0.6%
	Aerospace Occupations	6,645	\$76,800	1.06	135	2.1%	162	267	0.8%	2,833	852	1,971	9	0.0%
	Total - All Occupations	1,750,913	\$45,700	1.00	60,110	3.5%	88,120	141,702	1.7%	1,036,066	380,327	620,602	35,137	0.4%

Source: JobsEQ 2020Q1

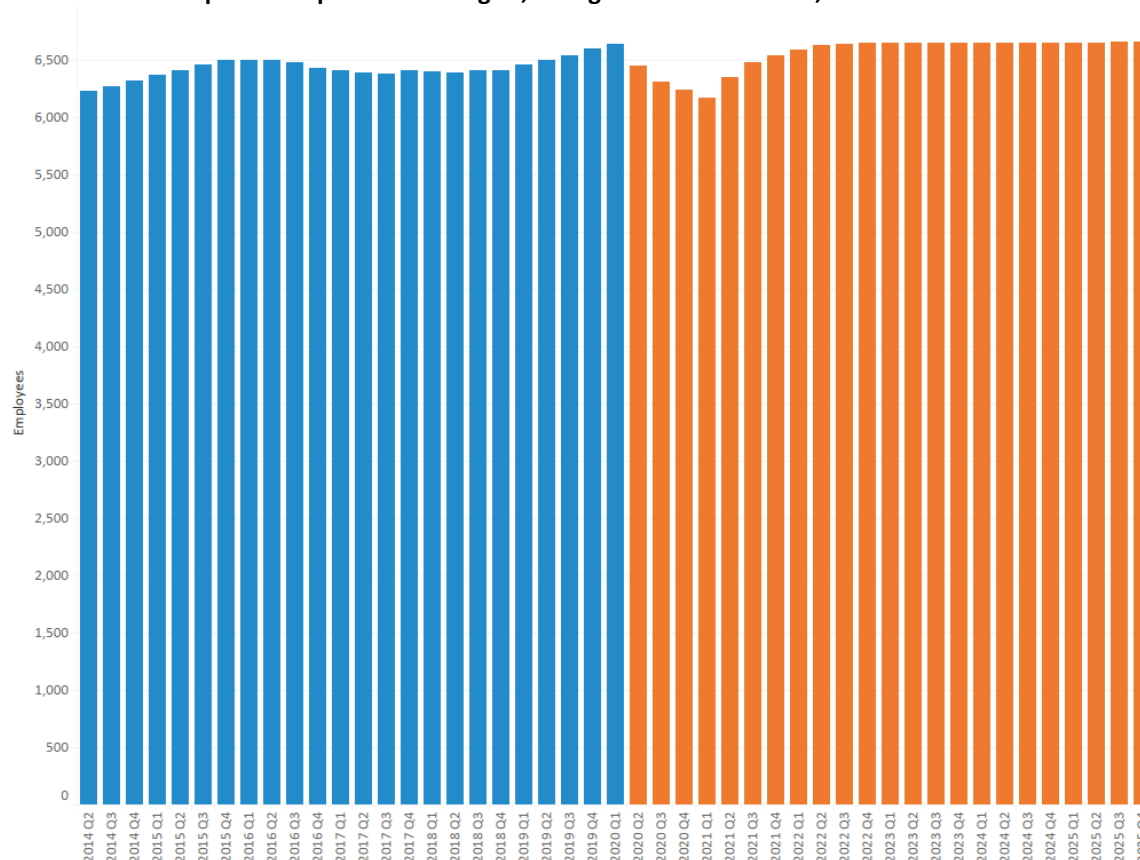
View an interactive version of the following graphs at <https://arcg.is/1Hnma1>. (Note: The interactive Story Map is best viewed on desktop devices.)



Aerospace Occupations in Douglas, Georgia – 100 mile radius, Baseline Model



Aerospace Occupations in Douglas, Georgia – 100 mile radius, COVID-19 Model



Educational Programs

The Douglas region has an established pipeline of post-secondary educational certificates and degrees related to aerospace occupations. At the secondary level, Wiregrass College & Career Academy is located in Douglas-Coffee County and is accessible to Coffee County High School students. Pathways at Coffee County High School include programs relevant to aerospace occupations such as Agriculture Mechanic Systems and Mechatronics.

Educational Programs – Aerospace Occupations – Douglas, Georgia – 100 mile radius

Educational Program	Certificate	Associate's	Bachelor's	Master's	Doctorate	Total Awards	Associated Aerospace Occupation(s)	Schools Offered and Degree
Agricultural Mechanics and Equipment/Machine Technology (01.0205)	0	13	0	0	0	13	Aircraft Mechanics and Service Technicians	South Georgia Technical College: Certificates/Associate's
Electrical and Electronics Engineering (14.1001)	0	0	150	53	10	213	Aerospace Engineers	Florida State University: Bachelor's, Postgraduate Georgia Southern University: Bachelor's, Postgraduate University of North Florida: Bachelor's, Postgraduate Mercer University: Postgraduate Florida Agricultural and Mechanical University: Bachelor's, Postgraduate Jacksonville University: Bachelor's
Mechanical Engineering (14.1901)	0	0	384	48	11	443	Aerospace Engineers	Georgia Southern University: Bachelor's Florida State University: Bachelor's, Postgraduate University of North Florida: Bachelor's, Postgraduate Mercer University: Postgraduate Jacksonville University: Bachelor's Florida Agricultural and Mechanical University: Bachelor's
Airframe Mechanics and Aircraft Maintenance Technology/Technician (47.0607)	273	1	0	0	0	274	Aircraft Mechanics and Service Technicians Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	Central Georgia Technical College: Certificates/Associate's Savannah Technical College: Certificates/Associate's South Georgia Technical College: Certificates/Associate's Florida State College at Jacksonville: Certificates/Associate's Lively Technical College: Certificates/Associate's Middle Georgia State University: Certificates/Associate's
Aircraft Powerplant Technology/Technician (47.0608)	116	21	0	0	0	137	Aircraft Mechanics and Service Technicians Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	Central Georgia Technical College: Certificates/Associate's Savannah Technical College: Certificates/Associate's South Georgia Technical College: Certificates/Associate's Florida State College at Jacksonville: Certificates/Associate's Lively Technical College: Certificates/Associate's

Educational Program	Certificate	Associate's	Bachelor's	Master's	Doctorate	Total Awards	Associated Aerospace Occupation(s)	Schools Offered and Degree
Avionics Maintenance Technology/ Technician (47.0609)	23	11	0	0	0	34	Avionics Technicians Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	Middle Georgia State University: Certificates/Associate's South Georgia Technical College: Certificates/Associate's
Airline/Commercial/ Professional Pilot and Flight Crew (49.0102)	0	4	1	0	0	5	Airline Pilots, Copilots, and Flight Engineers Commercial Pilots	Florida State University: Certificates/Associate's Jacksonville University: Bachelor's
Aviation/Airway Management and Operations (49.0104)	4	16	76	0	0	96	Aircraft Cargo Handling Supervisors	Middle Georgia State University: Certificates/Associate's, Bachelor's Florida State College at Jacksonville: Certificates/Associate's Jacksonville University: Bachelor's
Air Traffic Controller (49.0105)	0	8	0	0	0	8	Air Traffic Controllers Airfield Operations Specialists	Middle Georgia State University: Certificates/Associate's
Logistics, Materials, and Supply Chain Management (52.0203)	68	23	257	4	1	353	Aircraft Cargo Handling Supervisors	Georgia Southern University: Bachelor's, Postgraduate University of North Florida: Bachelor's Central Georgia Technical College: Certificates/Associate's Albany Technical College: Certificates/Associate's Florida State University at Jacksonville: Bachelor's Albany State University: Bachelor's
All Aerospace Occupation Programs	484	97	868	105	22	1,576	-	-

Sources: JobsEQ (2018-2019 Academic Year Data); Technical College System of Georgia; Coffee County Schools

Military Presence

There are two U.S. Air Force bases, five U.S. Army bases, one U.S. Marines bases, two U.S. Navy bases, and one multi-branch military base in Georgia. Within the Douglas region are the Marine Corp Logistics Base in Albany, Moody Air Force Base in Valdosta, Fort Stewart Army Base in Liberty, Hunter Army Airfield in Savannah, Kings Bay Submarine Base (Navy) in Kings Bay, and Robins Air Force Base in Houston.

These bases are of great strategic importance to the aerospace industry in Georgia, as many share airfields with public airports. They also provide a steady pipeline of veteran workers qualified to work in air transportation, aircraft maintenance, and aerospace manufacturing.

