

# EDEPS ECONOMIC DEVELOPMENT and EMPLOYER PLANNING SYSTEM

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Supply Indicators

## OCCUPATIONAL SUPPLY DEMAND

Unit of Analysis: 1417A Electrical/Electronic Engineering

Georgia

Statewide

### Occupational Characteristics Georgia/United States

SOC Code	Occupation	Georgia		United States			
		Growth Rate 2014-24	Median Annual Wage	Typical Education	Work Experience	Typical Training	Pct Self Empl
17-2071	Electrical Engineers	More slowly than average	\$88,980	Bachelor's degree	None	None	1.3%
17-2072	Electronics Engineers, Except Computer	Little or no change	\$93,680	Bachelor's degree	None	None	1.2%

• Long-term OJT (on-the-job training): more than 1 year • Moderate-term OJT: 1-12 months • Short-term OJT: 1 month or less

Occupational Projections Georgia		Employment		Change 2014-24		Average
SOC Code	Occupation	Base 2014	Proj 2024	Number	Percent	Annual Openings
17-2071	Electrical Engineers	4,190	4,470	280	6.7%	120
17-2072	Electronics Engineers, Except Computer	5,100	5,150	50	1.0%	120



Wage Trends (Median) Georgia		Median Annual Wage					Change
SOC Code	Occupation	2013	2014	2015	2016	2017	2013 to 2017
17-2071	Electrical Engineers	\$83,050	\$85,270	\$86,580	\$87,650	\$88,980	7.1%
17-2072	Electronics Engineers, Except Computer	\$84,130	\$86,150	\$89,030	\$92,310	\$93,680	11.4%
Benchmarks for Wage Trends (all occupations)		2013	2014	2015	2016	2017	Change 2013 to 2017
Georgia Median Wage		\$32,510	\$32,840	\$33,430	\$34,330	\$35,040	7.8%
Georgia Mean Wage		\$44,040	\$44,670	\$45,420	\$46,540	\$47,200	7.2%
Georgia Mean Wage RSE		0.5%	0.6%	0.5%	0.5%	0.5%	
National Median Wage		\$35,080	\$35,540	\$36,200	\$37,040	\$37,690	7.4%
National Mean Wage		\$46,440	\$47,230	\$48,320	\$49,630	\$50,620	9.0%
National Mean Wage RSE		0.1%	0.1%	0.1%	0.1%	0.1%	
National Consumer Price Index C-CPI-U		133.6	135.5	135.4	136.8	139.2	4.2%

### Wage Trends (Mean) Georgia

SOC Code	Occupation	Mean Annual Wage					Change	Relative Standard Error of the Mean Annual Wage				
		2013	2014	2015	2016	2017	2013 to 2017	2013	2014	2015	2016	2017
17-2071	Electrical Engineers	\$85,760	\$87,080	\$89,150	\$89,240	\$91,950	7.2%	1.5%	1.5%	1.8%	1.6%	1.2%
17-2072	Electronics Engineers, Except Computer	\$85,530	\$87,590	\$89,800	\$92,530	\$93,950	9.8%	2.2%	2.1%	1.6%	1.4%	1.3%

Related National Information (external links)	
Occupation	OOH
Electrical Engineers	<a href="#">How to Become One</a> <a href="#">Job Outlook</a>
Electronics Engineers, Except Computer	<a href="#">How to Become One</a> <a href="#">Job Outlook</a>

OOH (Occupational Outlook Handbook)

Source: U.S. Department of Labor, Bureau of Labor Statistics; Occupational Characteristics, 2017.

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## OCCUPATIONAL SUPPLY DEMAND

Unit of Analysis: 1417A Electrical/Electronic Engineering

United States

National

## Occupational Characteristics United States

SOC Code	Occupation	Growth Rate 2014-24	Median Annual Wage	Typical Education	Work Experience	Typical Training	Pct Self Empl
17-2071	Electrical Engineers	More slowly than average	\$95,060	Bachelor's degree	None	None	1.3%
17-2072	Electronics Engineers, Except Computer	Decline	\$102,180	Bachelor's degree	None	None	1.2%

• Long-term OJT (on-the-job training): more than 1 year • Moderate-term OJT: 1-12 months • Short-term OJT: 1 month or less

Occupational Projections		Employment		Change 2014-24		Average
SOC Code	Occupation	Base 2014	Proj 2024	Number	Percent	Annual Openings
17-2071	Electrical Engineers	178,400	180,200	1,800	1.0%	4,110
17-2072	Electronics Engineers, Except Computer	137,400	135,500	-1,900	-1.4%	3,030



Wage Trends (Median)		Median Annual Wage					Change
SOC Code	Occupation	2013	2014	2015	2016	2017	2013 to 2017
17-2071	Electrical Engineers	\$89,180	\$91,410	\$93,010	\$94,210	\$95,060	6.6%
17-2072	Electronics Engineers, Except Computer	\$94,250	\$95,790	\$98,270	\$99,210	\$102,180	8.4%
Benchmarks for Wage Trends (all occupations)		2013	2014	2015	2016	2017	Change 2013 to 2017
National Median Wage		\$35,080	\$35,540	\$36,200	\$37,040	\$37,690	7.4%
National Mean Wage		\$46,440	\$47,230	\$48,320	\$49,630	\$50,620	9.0%
National Mean Wage RSE		0.1%	0.1%	0.1%	0.1%	0.1%	
National Consumer Price Index C-CPI-U		133.6	135.5	135.4	136.8	139.2	4.2%

## Wage Trends (Mean) United States

		Mean Annual Wage					Change	Relative Standard Error of the Mean Annual Wage				
SOC Code	Occupation	2013	2014	2015	2016	2017	2013 to 2017	2013	2014	2015	2016	2017
17-2071	Electrical Engineers	\$93,380	\$95,780	\$97,340	\$98,620	\$99,580	6.6%	0.5%	0.4%	0.4%	0.4%	0.4%
17-2072	Electronics Engineers, Except Computer	\$97,870	\$99,660	\$102,390	\$103,760	\$106,760	9.1%	0.5%	0.5%	0.5%	0.5%	0.7%

Related National Information (external links)		
Occupation	OOH	
Electrical Engineers	<a href="#">How to Become One</a>	<a href="#">Job Outlook</a>
Electronics Engineers, Except Computer	<a href="#">How to Become One</a>	<a href="#">Job Outlook</a>

OOH (Occupational Outlook Handbook)

Source: U.S. Department of Labor, Bureau of Labor Statistics; Occupational Characteristics, 2017.

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## OCCUPATIONAL SUPPLY DEMAND

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United States ▼

Program Completers by Degree Level (2015 - 2016) United States											
CIP Code	Program Title	Cert1	Cert2	Assc	Assc+	Bach	CertB	Mast	CertM	Doct	Total
14.1001	Electrical and Electronics Engineering	190	6	262	0	15,846	145	13,439	43	2,207	32,138
14.1099	Electrical, Electronics and Communications Engineering, Other	0	0	8	0	98	4	214	0	20	344
14.1003	Laser and Optical Engineering	0	0	0	0	37	0	40	0	19	96
14.4201	Mechatronics, Robotics, and Automation Engineering	33	42	53	3	99	2	161	0	14	407
14.1004	Telecommunications Engineering	77	28	23	0	8	0	222	0	4	362
	<b>Total</b>	300	76	346	3	16,088	151	14,076	43	2,264	33,347

Cert1 = Postsecondary award, certificate, or diploma of (less than 1 academic year)

Cert2 = Postsecondary award, certificate, or diploma of (at least 1 but less than 2 academic years)

Assc = Associate's degree

Assc+ = Postsecondary award, certificate, or diploma of (at least 2 but less than 4 academic years)

Bach = Bachelor's degree or equivalent

CertB = Post-baccalaureate certificate

Mast = Master's degree

CertM = Post-master's certificate

Doct = Doctor's degree

Source: National Center for Educational Statistics, Degrees Conferred 2015-16 (provisional data)

An individual with a double-major (receiving two degrees) is counted as a completer for their primary degree program.

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