ED

EPS ECONOMIC DEVELOPMENT and EMPLOYER PLANNING SYSTEM

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Supply Indicators

	Ge	eorgia		 Statewic 	е			•								
cupation		aracterist	ICS	Georgia/Un	ited Sta	Georg	uia					Inited	State			
SOC Code		Occupat		Growth Rate 2014-24			lian ual ge	Typical Education		Ex	Work Experience		Typical Training			
-2071 E	lectrical	l Engineers	ingineers More average				:	\$88,980 Bachelor's degree			None None			None	ine	
-2072 E	lectroni ompute	ics Engineers, er	t Little	or no char	nge		\$93,680 Bachelor's degree None				None			1		
	•	Long-term OJ	T (on-	the-job training):	more thar	1 year	• Modera	ate-term C	DJT: 1-12	? months	• Short-t	erm OJ	: 1 mor	ith or le	SS	
		Occupati	onal	Projections	Georg	lia										
							Emp	loyment	: (Change 2	014-24	A	verage	e		
		SOC Code		Occupa	tion		Base 201	4 Proj 2	2024 Number P		Percent	ercent Annual C		Openings		
		17-2071	Elect	rical Engineers			4,190) 4	4,470		280 6.7%		120			
		17-2072	Elect	ronics Engineers,	Except Co	mputer	5,100) 5	,150	50	1.0%			120		
		Wage	Tren	ds (Median)	Geor	gia										
								Median Annual Wage		Cł	Change					
		SOC Co	SOC Code Occupation				2013	2014	201	5 2016	2017	2013 to 2017		L7		
		17-2071	17-2071 Electrical Engineers		eers		\$83,050	\$85,270	\$86,58	80 \$87,650	\$88,980)	7.1%			
		17-2072	17-2072 Electronics Engineers, Except			Comput	er \$84,130	\$86,150	\$89,03	30 \$92,310	\$93,680	30 11.4%		5		
			Ben	chmarks for Wa (all occupatio	ge Trends ns)		2013	2014	2015	5 2016	2017	Cl 2013	hange 8 to 201	7		
				Georgia Median	Wage		\$32,510	\$32,840	\$33,43	30 \$34,330	\$35,040)	7.8%	5		
				Georgia Mean \	Vage		\$44,040	\$44,670	\$45,42	20 \$46,540	\$47,200)	7.2%	, 		
			(Georgia Mean Wa	ge RSE		0.5%	0.6%	0.5%	0.5%	0.5%			_		
				National Median	Wage		\$35,080	\$35,540	\$36,20	0 \$37,040	\$37,690	J 7.4%				
				National Mean	Vage		\$46,440	9 \$47,230	9 \$48,32	20 \$49,630	\$50,620)	9.0%	5		
		N	n ationa		ige RSE	ווזס	122.6	125.5	125	0.1%	0.1%		4 20	,		
			ationa			PI-0	155.0	155.5	155.4	+ 150.8	159.2		4.27	0		
Wage	Trend	ls (Mean)	Ge	eorgia												
						Mear	n Annual Wage		Chang		ge	Relative Star of the Mean A		e Stand ean Anr	andard Error Annual Wage	
SOC Co	de	00	cupat	tion	2013	2014	2015	2016	2017	2013 to	2017	2013	2014	2015	2016	2017
17-2071	Ele	ectrical Engine	rical Engineers		\$85,760	\$87,080	\$89,150	\$89,240	\$91,950) 7	7.2%	1.5%	1.5%	1.8%	1.6%	1.2%
17-2072	Ele	ectronics Engi	neers,	Except Computer	\$85,530	\$87,590	89,800	\$92,530	\$93,950) <u>c</u>	9.8%	2.2%	2.1%	1.6%	1.4%	1.3%
				Related	Nationa	l Info	mation	extern	al link	s)						
Occupation									00	ЭН						
	Electrical Engineers							How to B	ecome (One Job O	<u>utlook</u>					
						- .	<u> </u>	11 D								
				Electronics	Engineers	s, Except	Computer	HOW to B	ecome (JTIOOK					

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Supply Indicators

						Оссира	ational Su	IPPLY DEN	IAND					5	арріу І	luicators
	Г	Lipited States		Nation	Unit of A	nalysis: 14	17A Electri	cal/Electro	nic Engir	neering						
			•	INALION												
Occupatio	onal (Characteristi	cs Un	ited Sta	tes		Ma	lian								Bet
SOC Code		Occupation Growth Rate 2014-24					Annual E Wage			ypical ucation Exj		Work perience		Typical Training		Self Empl
17-2071	Electri	al Engineers More slowly than average						\$95,060	Bachelo	r's degree	degree None		None			1.3%
17-2072	Electro Comp	onics Engineers, Except Decline					\$	\$102,180 Bachelor's degree			None	one None				1.2%
		• Long-term OJT	on-the-jo	ob training): more th	an 1 year	• Moder	ate-term C	DJT: 1-12	months	• Short-t	erm OJT: I	1 month	or less		
		Occupatio	nal Pro	jections	Unit	ed State	es									
							Emp	loyment	t C	Change 2	014-24	14-24 Averag				
		SOC Code		Occup	ation		Base 201	.4 Proj 2	2024	Number	Percent	Annual	Annual Openin			
		17-2071	Electrical	Engineers			178,40	0 180	,200	1,800	1.0%	4,110		10		
		17-2072	Electronic	s Engineer	s, Except C	Computer	137,40) 135	,500	-1,900	-1.4%		3,0	30		
																
		Wage T	rends (I	Median)	Unit	ed State	es									
								1	Change							
		SOC Cod	e	Occ	upation		2013	2014	2015	2016	2017	2013	to 2017	7		
	17-2071 Electrical Engineers				\$89,180	\$91,410	\$93,01	0 \$94,210	\$95,060)	6.6%	_				
	17-2072 Electronics Engineers, Except Compute					er \$94,250	\$95,790	\$98,27	0 \$99,210	\$102,180)	8.4%	_			
	Benchmarks for Wage Trends (all occupations)						2013	2014	2015	2016	2017	Cha 2013 1	ange to 2017	_		
	National Median Wage					\$35,080	\$35,540	\$36,20	0 \$37,040	\$37,690)	7.4%	_			
			Nati	onal Mean	Wage		\$46,440	\$47,230	\$48,32	0 \$49,630	\$50,620)	9.0%	_		
	National Mean Wage RSE						0.1%	0.1%	0.1%	0.1%	0.1%			_		
		Nat	ional Cons	sumer Price	e Index C-0	CPI-U	133.6	135.5	135.4	136.8	139.2		4.2%			
Wage	Trop	de (Mean)	United	States												
			JIIICU			Меа	n Annual	Wage		Cha	Change		Relative Sta			r je
SOC Co	de	Occu	pation		2013	2014	2015	2016	2017	2013	to 2017	2013	2014	2015	2016	2017
17-2071	El	ectrical Engineers	5		\$93,380	\$95,780	\$97,340	\$98,620	\$99,58	80	6.6%	0.5%	0.4%	0.4%	0.4%	0.4%
17-2072	El	ectronics Enginee	ers, Except	Computer	\$97,870	\$99,660	\$102,390	\$103,760	\$106,76	60	9.1%	0.5%	0.5%	0.5%	0.5%	0.7%
			rmation	(extern	al links	s)										
Occupation									00	ЭН						
			How to B	ecome C	<u>One</u> Job O	<u>utlook</u>										
				Electroni	cs Enginee	ers, Except	Computer	How to B	ecome C	<u> Job O</u>	<u>utlook</u>					
					(OOH (Occ	upational C	utlook Ha	ndbook))						
			Source:	U.S. Depar	tment of L	abor, Bure	eau of Labo	Statistics;	; Occupa	itional Chai	acteristics	, 2017.				

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Demand Indicators

OCCUPATIONAL SUPPLY DEMAND Unit of Analysis: 1417A Electrical/Electronic Engineering

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		
	Total	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

CertB = Post-baccalaureate certificate Mast = Master's degree

CertM = Post-master's certificate

Doct = Doctor's degree

Assc+ = Postsecondary award, certificate, or diploma of (at least 2 but less than 4 academic years) Bach = Bachelor's degree or equivalent

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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