

Prospect Report

Lumpkin County Labor Draw Area (LDA)

Date: September 9, 2020

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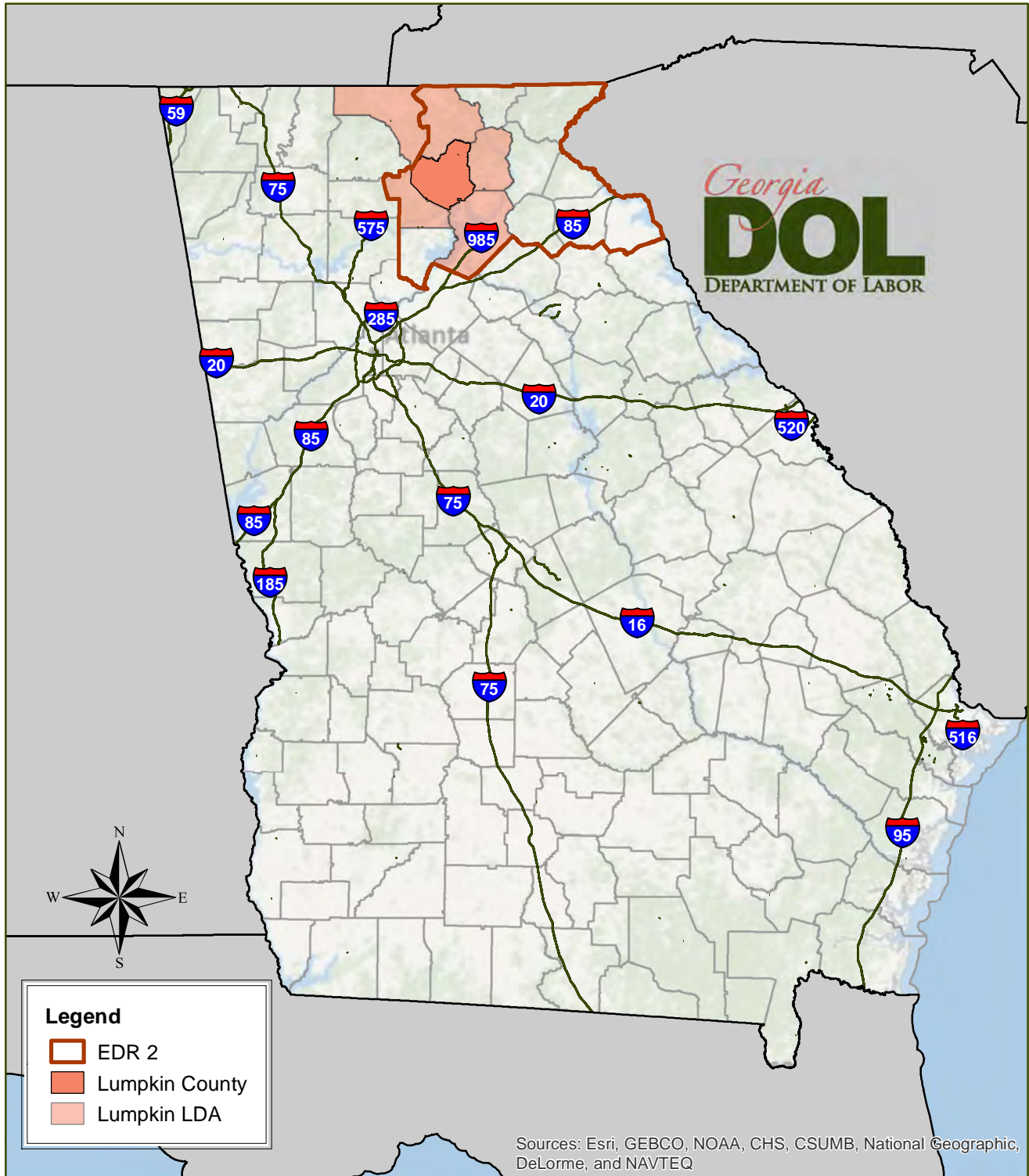
Prepared by:

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Area Map
Economic Development Region (EDR) 2
Lumpkin County Labor Draw Area (LDA)



Requested Report for Select Occupations Based On Machinery Manufacturing (NAICS 333000)

SOC Code	SOC Title	E D U 1	E X P 1	O J T 1	Lumpkin LDA ² Employment	Lumpkin LDA ² Entry Wage	Lumpkin LDA ² Average Wage	EDR 2 ² Employment	EDR 2 ² Entry Wage	EDR 2 ² Average Wage	Georgia Statewide Entry Wage	Georgia Statewide Average Wage
Management Occupations (SOC 110000)												
111011	Chief Executives	3	1	6	150	\$38.09	\$83.36	320	\$49.72	\$100.07	\$49.94	\$99.53
111021	General and Operations Managers	3	2	6	2,070	\$16.97	\$43.02	5,010	\$18.54	\$47.38	\$22.38	\$51.65
112011	Advertising and Promotions Managers	3	2	6	***	***	***	***	***	***	\$37.99	\$66.66
112021	Marketing Managers	3	1	6	90	\$27.86	\$49.04	230	\$32.78	\$58.13	\$37.77	\$65.42
112022	Sales Managers	3	2	6	210	\$30.52	\$57.10	560	\$34.60	\$59.73	\$35.33	\$64.12
112031	Public Relations and Fundraising Managers	3	1	6	20	\$26.23	\$45.98	40	\$39.46	\$56.98	\$32.26	\$53.62
113011	Administrative Services Managers	3	2	6	130	\$21.25	\$41.26	290	\$23.94	\$45.07	\$29.81	\$52.90
113021	Computer and Information Systems Managers	3	1	6	100	\$41.25	\$60.22	410	\$35.46	\$58.82	\$43.17	\$65.54
113031	Financial Managers	3	1	6	270	\$30.28	\$56.91	610	\$34.09	\$63.07	\$34.69	\$66.45
113051	Industrial Production Managers	3	1	6	130	\$28.83	\$44.41	320	\$30.39	\$46.54	\$30.48	\$47.41
113061	Purchasing Managers	3	1	6	30	\$35.90	\$48.24	60	\$37.11	\$52.47	\$35.52	\$57.05
113071	Transportation, Storage, and Distribution Managers	7	1	6	70	\$26.05	\$46.99	110	\$27.23	\$46.55	\$32.03	\$49.63
113111	Compensation and Benefits Managers	3	1	6	***	\$30.56	\$43.73	10	\$31.60	\$42.68	\$36.93	\$57.24
113121	Human Resources Managers	3	1	6	80	\$31.42	\$45.80	200	\$34.16	\$57.70	\$34.26	\$57.67
113131	Training and Development Managers	3	1	6	***	\$31.74	\$45.59	10	\$34.67	\$47.02	\$31.88	\$51.77
119041	Architectural and Engineering Managers	3	1	6	60	\$40.66	\$49.63	340	\$44.88	\$64.00	\$45.38	\$64.77
119199	Managers, All Other	7	2	6	110	\$27.05	\$46.59	280	\$27.55	\$54.11	\$31.71	\$53.76
Business and Financial Operations Occupations (SOC 130000)												
131020	Buyers and Purchasing Agents	7	3	3	240	\$19.46	\$25.30	620	\$15.56	\$25.42	\$18.12	\$30.80
131041	Compliance Officers	3	3	4	180	\$15.88	\$24.80	330	\$15.53	\$25.31	\$16.56	\$28.70
131051	Cost Estimators	3	3	6	80	\$17.37	\$26.33	300	\$20.41	\$30.62	\$20.02	\$30.59
131071	Human Resources Specialists	3	3	6	300	\$14.44	\$22.19	880	\$16.02	\$27.02	\$16.32	\$27.43
131075	Labor Relations Specialists	3	3	6	***	\$17.42	\$30.61	***	\$19.26	\$31.53	\$13.20	\$28.05
131081	Logisticians	3	3	6	70	\$22.32	\$33.24	210	\$20.32	\$32.64	\$21.03	\$32.28
131111	Management Analysts	3	2	6	180	\$27.86	\$42.28	540	\$25.42	\$52.60	\$23.23	\$42.59
131141	Compensation, Benefits, and Job Analysis Specialists	3	3	6	30	\$19.81	\$26.95	40	\$19.75	\$27.93	\$19.56	\$29.54
131151	Training and Development Specialists	3	2	6	120	\$20.71	\$32.10	330	\$17.80	\$31.07	\$17.40	\$29.33
131161	Market Research Analysts and Marketing Specialists	3	3	6	250	\$13.09	\$22.38	910	\$17.01	\$29.33	\$17.77	\$30.54
131199	Business Operations Specialists, All Other	7	3	6	430	\$17.00	\$32.52	1,110	\$16.32	\$29.44	\$19.78	\$34.18
132011	Accountants and Auditors	3	3	6	840	\$15.72	\$27.70	1,660	\$17.36	\$29.89	\$20.86	\$34.57
132041	Credit Analysts	3	3	6	70	\$14.21	\$22.29	130	\$14.32	\$23.20	\$19.43	\$31.89
132051	Financial Analysts	3	3	6	80	\$24.14	\$32.80	160	\$25.17	\$35.57	\$24.37	\$38.40
132099	Financial Specialists, All Other	3	3	4	90	\$15.35	\$24.79	100	\$15.36	\$26.00	\$20.14	\$38.98
Computer and Mathematical Occupations (SOC 150000)												
151121	Computer Systems Analysts	3	3	6	130	\$23.93	\$38.65	280	\$25.92	\$39.12	\$27.53	\$41.76
151131	Computer Programmers	3	3	6	30	\$26.27	\$34.93	***	\$33.30	\$55.47	\$26.34	\$42.37
151132	Software Developers, Applications	3	3	6	110	\$24.35	\$37.95	630	\$26.57	\$40.32	\$28.98	\$48.26
151133	Software Developers, Systems Software	3	3	6	40	\$29.72	\$41.06	340	\$26.70	\$43.35	\$33.92	\$48.20

Requested Report for Select Occupations Based On Machinery Manufacturing (NAICS 333000)

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151134	Web Developers	4	3	6	***	\$16.63	\$29.32	70	\$20.46	\$36.12	\$22.82	\$36.72
151141	Database Administrators	3	2	6	50	\$27.19	\$39.47	80	\$23.90	\$37.31	\$28.07	\$42.23
151142	Network and Computer Systems Administrators	3	3	6	130	\$20.26	\$33.39	310	\$21.31	\$34.16	\$25.60	\$39.85
151143	Computer Network Architects	3	1	6	30	\$27.78	\$43.28	***	\$40.14	\$51.68	\$36.97	\$52.38
151151	Computer User Support Specialists	6	3	4	240	\$13.66	\$22.16	1,290	\$14.24	\$22.82	\$15.13	\$24.34
151152	Computer Network Support Specialists	4	3	6	20	\$13.27	\$23.50	100	\$18.97	\$29.54	\$20.63	\$32.48
151199	Computer Occupations, All Other	3	3	6	190	\$12.97	\$30.95	650	\$18.19	\$33.97	\$24.71	\$41.34

Architecture and Engineering Occupations (SOC 170000)

172041	Chemical Engineers	3	3	6	***	***	***	***	\$69.45	\$99.42	\$26.12	\$41.98
172051	Civil Engineers	3	3	6	130	\$21.16	\$28.11	980	\$23.71	\$33.09	\$23.30	\$37.20
172071	Electrical Engineers	3	3	6	30	\$41.21	\$46.00	330	\$27.26	\$39.65	\$27.96	\$40.29
172072	Electronics Engineers, Except Computer	3	3	6	20	\$23.65	\$47.20	50	\$32.38	\$47.74	\$32.06	\$43.94
172081	Environmental Engineers	3	3	6	30	\$21.44	\$46.46	50	\$18.97	\$39.16	\$22.10	\$36.55
172111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	3	3	6	20	\$25.25	\$34.56	70	\$27.64	\$36.23	\$22.97	\$36.13
172112	Industrial Engineers	3	3	6	140	\$30.30	\$40.18	390	\$26.62	\$39.63	\$26.71	\$39.54
172131	Materials Engineers	3	3	6	***	\$16.65	\$22.80	70	\$18.93	\$28.30	\$25.01	\$39.55
172141	Mechanical Engineers	3	3	6	200	\$24.83	\$34.37	460	\$27.08	\$38.97	\$27.73	\$38.92
172199	Engineers, All Other	3	3	6	60	\$27.10	\$36.87	120	\$24.59	\$36.41	\$26.63	\$42.91
173011	Architectural and Civil Drafters	4	3	6	60	\$12.47	\$19.99	240	\$17.25	\$25.29	\$17.81	\$26.27
173012	Electrical and Electronics Drafters	4	3	6	***	\$21.30	\$26.24	30	\$22.87	\$29.83	\$18.25	\$24.87
173013	Mechanical Drafters	4	3	6	30	\$19.33	\$21.86	90	\$18.18	\$22.97	\$17.12	\$24.49
173019	Drafters, All Other	4	3	6	***	\$19.62	\$23.90	30	\$15.75	\$21.92	\$16.11	\$23.81
173023	Electrical and Electronics Engineering Technicians	4	3	6	30	\$22.84	\$35.84	160	\$20.32	\$29.55	\$20.61	\$30.36
173025	Environmental Engineering Technicians	4	3	6	***	\$18.13	\$26.15	***	\$18.73	\$24.41	\$14.83	\$20.92
173026	Industrial Engineering Technicians	4	3	6	30	\$19.59	\$26.67	60	\$19.09	\$25.69	\$17.30	\$26.31
173027	Mechanical Engineering Technicians	4	3	6	***	\$15.71	\$20.65	20	\$19.31	\$24.02	\$16.92	\$25.47
173029	Engineering Technicians, Except Drafters, All Other	4	3	6	70	\$16.44	\$24.59	120	\$16.13	\$24.15	\$18.59	\$27.43

Life, Physical, and Social Science Occupations (SOC 190000)

194099	Life, Physical, and Social Science Technicians, All Other	4	3	6	40	\$18.17	\$28.06	90	\$14.79	\$24.29	\$14.80	\$24.16
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Legal Occupations (SOC 230000)

231011	Lawyers	1	3	6	220	\$21.09	\$35.30	670	\$26.97	\$51.22	\$26.79	\$59.13
232099	Legal Support Workers, All Other	7	3	5	***	\$26.31	\$41.52	***	\$17.87	\$34.38	\$19.35	\$29.70

Arts, Design, Entertainment, Sports, and Media Occupations (SOC 270000)

271021	Commercial and Industrial Designers	3	3	6	***	\$20.33	\$29.68	90	\$21.71	\$31.52	\$16.13	\$27.53
271024	Graphic Designers	3	3	6	130	\$14.13	\$21.54	190	\$14.70	\$21.49	\$14.51	\$24.89
273031	Public Relations Specialists	3	3	6	80	\$16.25	\$23.45	130	\$17.46	\$26.00	\$16.47	\$28.46
273042	Technical Writers	3	2	5	***	\$26.05	\$26.05	60	\$25.03	\$34.53	\$23.37	\$34.47

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Healthcare Practitioners and Technical Occupations (SOC 290000)												
291141	Registered Nurses	4	3	6	2,400	\$24.14	\$30.66	4,330	\$23.86	\$30.81	\$24.03	\$31.62
299011	Occupational Health and Safety Specialists	3	3	5	30	\$14.51	\$24.74	80	\$17.22	\$28.43	\$21.66	\$32.76
299012	Occupational Health and Safety Technicians	7	3	4	***	\$12.51	\$17.90	10	\$16.59	\$26.35	\$18.48	\$29.15
Protective Service Occupations (SOC 330000)												
339032	Security Guards	7	3	5	860	\$8.00	\$10.97	1,050	\$8.21	\$11.64	\$8.69	\$12.95
Building and Grounds Cleaning and Maintenance Occupations (SOC 370000)												
372011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	8	3	5	1,140	\$7.91	\$10.60	2,390	\$8.06	\$10.85	\$7.91	\$10.75
Sales and Related Occupations (SOC 410000)												
411011	First-Line Supervisors of Retail Sales Workers	7	2	6	1,500	\$13.59	\$19.02	2,460	\$11.78	\$17.51	\$11.82	\$19.77
411012	First-Line Supervisors of Non-Retail Sales Workers	7	2	6	70	\$15.74	\$27.63	180	\$16.24	\$27.16	\$18.08	\$33.23
412022	Parts Salespersons	8	3	4	200	\$9.47	\$18.38	680	\$10.16	\$15.53	\$8.53	\$13.88
412031	Retail Salespersons	8	3	5	5,430	\$7.78	\$10.11	9,490	\$7.78	\$10.82	\$7.88	\$11.51
413099	Sales Representatives, Services, All Other	7	3	5	530	\$15.24	\$27.28	1,210	\$14.56	\$26.42	\$13.07	\$28.08
414011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3	3	4	30	\$14.45	\$24.87	330	\$18.07	\$31.53	\$17.42	\$34.88
414012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	7	3	4	1,600	\$14.79	\$32.78	3,840	\$15.25	\$31.30	\$14.09	\$29.12
419031	Sales Engineers	3	3	4	***	\$42.29	\$52.22	50	\$26.76	\$41.78	\$29.64	\$45.39
419099	Sales and Related Workers, All Other	7	3	6	***	\$9.73	\$16.26	***	\$9.87	\$15.24	\$9.84	\$15.13
Office and Administrative Support Occupations (SOC 430000)												
431011	First-Line Supervisors of Office and Administrative Support Workers	7	2	6	1,260	\$15.00	\$23.31	2,660	\$15.07	\$24.06	\$16.04	\$25.43
432011	Switchboard Operators, Including Answering Service	7	3	5	120	\$12.22	\$14.84	150	\$11.68	\$14.43	\$10.46	\$13.80
433011	Bill and Account Collectors	7	3	4	180	\$11.60	\$16.21	320	\$12.12	\$16.91	\$11.42	\$16.71
433021	Billing and Posting Clerks	7	3	5	360	\$12.17	\$15.83	680	\$11.92	\$15.64	\$12.49	\$16.82
433031	Bookkeeping, Accounting, and Auditing Clerks	7	3	4	920	\$12.06	\$18.25	2,110	\$11.91	\$18.20	\$12.17	\$18.13
433051	Payroll and Timekeeping Clerks	7	3	4	60	\$14.49	\$18.78	140	\$13.42	\$19.76	\$14.35	\$20.80
433061	Procurement Clerks	7	3	4	***	\$12.90	\$17.26	120	\$13.81	\$18.74	\$12.45	\$17.72
434021	Correspondence Clerks	7	3	5	***	\$12.55	\$12.55	***	\$8.82	\$11.63	\$12.63	\$19.95
434041	Credit Authorizers, Checkers, and Clerks	7	3	5	***	\$12.45	\$15.09	***	\$12.49	\$13.81	\$11.21	\$15.53
434051	Customer Service Representatives	7	3	5	2,360	\$9.08	\$14.19	5,450	\$9.64	\$15.14	\$10.09	\$15.80
434151	Order Clerks	7	3	5	50	\$8.45	\$13.08	***	\$9.23	\$14.35	\$10.26	\$15.47

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434161	Human Resources Assistants, Except Payroll and Timekeeping	7	3	5	80	\$12.14	\$14.90	110	\$12.33	\$15.62	\$12.55	\$17.69
434171	Receptionists and Information Clerks	7	3	5	740	\$9.69	\$12.45	1,280	\$9.55	\$12.61	\$8.97	\$12.51
435061	Production, Planning, and Expediting Clerks	7	3	4	220	\$14.95	\$21.56	510	\$14.41	\$19.37	\$14.66	\$22.14
435071	Shipping, Receiving, and Traffic Clerks	7	3	5	630	\$11.15	\$15.98	1,280	\$11.37	\$15.43	\$11.13	\$15.21
435081	Stock Clerks and Order Fillers	8	3	5	1,760	\$9.07	\$11.74	3,250	\$9.17	\$11.80	\$8.68	\$11.87
435111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	7	3	5	90	\$10.19	\$11.86	90	\$10.21	\$12.02	\$9.72	\$13.73
436011	Executive Secretaries and Executive Administrative Assistants	7	2	6	290	\$18.32	\$25.96	580	\$19.16	\$27.43	\$18.97	\$27.29
436014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7	3	5	1,890	\$11.09	\$15.13	3,910	\$10.66	\$15.01	\$10.62	\$15.53
439011	Computer Operators	7	3	4	30	\$8.16	\$11.25	60	\$9.98	\$15.44	\$11.28	\$19.65
439021	Data Entry Keyers	7	3	4	50	\$10.25	\$13.04	230	\$10.88	\$14.09	\$10.58	\$14.61
439031	Desktop Publishers	4	3	5	***	***	***	***	\$16.75	\$16.75	\$13.80	\$22.13
439061	Office Clerks, General	7	3	5	2,060	\$9.10	\$14.24	4,140	\$8.96	\$13.97	\$8.87	\$13.76
439199	Office and Administrative Support Workers, All Other	7	3	5	150	\$9.02	\$12.48	180	\$9.27	\$13.20	\$9.31	\$16.23
Construction and Extraction Occupations (SOC 470000)												
471011	First-Line Supervisors of Construction Trades and Extraction Workers	7	1	6	350	\$16.81	\$25.32	1,210	\$18.77	\$26.67	\$20.26	\$29.42
472061	Construction Laborers	8	3	5	850	\$8.70	\$13.40	2,220	\$10.54	\$15.06	\$10.36	\$15.14
472111	Electricians	7	3	2	490	\$13.61	\$19.73	910	\$14.47	\$22.03	\$15.57	\$22.78
472152	Plumbers, Pipefitters, and Steamfitters	7	3	2	230	\$10.92	\$16.35	350	\$9.67	\$16.31	\$13.73	\$21.93
472211	Sheet Metal Workers	7	3	2	50	\$10.99	\$17.63	230	\$10.62	\$18.92	\$12.21	\$20.98
472221	Structural Iron and Steel Workers	7	3	2	***	\$14.24	\$17.03	***	\$14.46	\$18.50	\$13.68	\$18.81
Installation, Maintenance, and Repair Occupations (SOC 490000)												
491011	First-Line Supervisors of Mechanics, Installers, and Repairers	7	2	6	430	\$19.85	\$28.50	790	\$19.20	\$28.16	\$19.93	\$30.08
493041	Farm Equipment Mechanics and Service Technicians	7	3	3	***	\$9.55	\$15.34	40	\$13.19	\$17.61	\$10.68	\$16.66
493042	Mobile Heavy Equipment Mechanics, Except Engines	7	3	3	140	\$14.05	\$17.45	180	\$14.02	\$18.08	\$15.04	\$21.18
499012	Control and Valve Installers and Repairers, Except Mechanical Door	7	3	4	30	\$13.55	\$17.02	90	\$14.88	\$23.06	\$15.81	\$22.86
499021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	5	3	3	430	\$12.47	\$18.04	970	\$12.48	\$18.31	\$13.37	\$19.09
499041	Industrial Machinery Mechanics	7	3	3	620	\$14.42	\$21.94	820	\$14.87	\$22.15	\$16.12	\$22.64
499043	Maintenance Workers, Machinery	7	3	4	40	\$14.24	\$21.16	110	\$12.75	\$19.08	\$12.47	\$19.73
499044	Millwrights	7	3	2	30	\$14.02	\$21.81	90	\$15.26	\$20.81	\$15.10	\$20.68
499069	Precision Instrument and Equipment Repairers, All Other	7	3	3	***	\$25.45	\$30.92	***	\$19.21	\$28.83	\$18.09	\$24.72
499071	Maintenance and Repair Workers, General	7	3	3	1,770	\$11.13	\$16.25	3,070	\$10.93	\$16.13	\$10.76	\$16.87
499098	Helpers--Installation, Maintenance, and Repair Workers	7	3	4	120	\$8.53	\$11.18	240	\$8.48	\$11.56	\$8.94	\$12.21
499099	Installation, Maintenance, and Repair Workers, All Other	7	3	4	130	\$8.81	\$14.29	180	\$8.96	\$15.51	\$11.89	\$17.71

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Production Occupations (SOC 510000)												
511011	First-Line Supervisors of Production and Operating Workers	5	2	6	1,020	\$17.87	\$26.36	1,990	\$17.51	\$26.40	\$17.23	\$26.84
512021	Coil Winders, Tapers, and Finishers	7	3	5	***	***	***	***	***	***	\$15.53	\$18.19
512028	Electrical, Electronic, and Electromechanical Assemblers, except Coil Winders, Tapers, and Finishers	7	3	5	***	\$19.15	\$19.99	510	\$14.96	\$18.48	\$10.52	\$15.56
512031	Engine and Other Machine Assemblers	7	3	5	***	\$12.69	\$14.89	***	\$12.69	\$14.89	\$13.05	\$15.82
512041	Structural Metal Fabricators and Fitters	7	3	4	70	\$12.86	\$17.27	140	\$11.85	\$15.92	\$11.61	\$16.46
512091	Fiberglass Laminators and Fabricators	7	3	4	***	***	***	***	\$13.25	\$13.25	\$9.61	\$12.57
512098	Assemblers and Fabricators, All Other, including Team Assemblers	7	3	4	3,560	\$10.00	\$13.24	5,950	\$10.03	\$13.20	\$9.59	\$13.72
514011	Computer-Controlled Machine Tool Operators, Metal and Plastic	7	3	4	200	\$14.96	\$17.58	360	\$11.83	\$16.28	\$11.74	\$16.89
514012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	7	3	3	***	\$15.38	\$19.49	30	\$15.51	\$19.19	\$16.38	\$22.49
514022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	***	***	***	***	***	\$15.59	\$19.07
514023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	***	***	***	\$14.02	\$16.19	\$11.26	\$15.89
514031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	7	3	4	270	\$9.78	\$14.37	490	\$9.90	\$14.21	\$10.36	\$14.15
514032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	***	***	***	***	***	\$10.46	\$16.69
514033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	7	3	4	310	\$15.14	\$20.02	340	\$14.66	\$19.61	\$10.61	\$15.62
514034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	***	***	***	\$14.00	\$16.17	\$12.35	\$16.34
514041	Machinists	7	3	3	310	\$12.75	\$19.22	690	\$13.68	\$19.75	\$12.41	\$19.76
514061	Model Makers, Metal and Plastic	7	3	4	***	\$17.79	\$23.27	***	\$17.79	\$23.27	\$18.38	\$23.45
514062	Patternmakers, Metal and Plastic	7	3	4	***	\$26.37	\$26.37	***	\$26.37	\$26.37	\$15.73	\$20.20
514072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	7	3	4	80	\$8.84	\$14.04	400	\$11.85	\$18.31	\$10.44	\$15.01
514081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	\$11.49	\$15.74	240	\$11.93	\$15.70	\$11.68	\$15.88
514111	Tool and Die Makers	7	3	3	60	\$16.67	\$21.25	110	\$15.41	\$21.21	\$16.25	\$22.81
514121	Welders, Cutters, Solderers, and Brazers	7	3	4	860	\$12.36	\$15.16	1,370	\$12.09	\$15.89	\$11.91	\$16.88
514122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	7	3	4	***	\$12.86	\$16.15	100	\$12.82	\$15.94	\$12.44	\$16.73
514191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	\$10.48	\$12.13	***	\$10.48	\$12.13	\$10.86	\$16.13
514192	Layout Workers, Metal and Plastic	7	3	4	***	***	***	***	***	***	\$11.69	\$18.11

Requested Report for Select Occupations Based On Machinery Manufacturing (NAICS 333000)

SOC Code	SOC Title	EDU 1	EXP 1	OJT 1	Lumpkin LDA ² Employment	Lumpkin LDA ² Entry Wage	Lumpkin LDA ² Average Wage	EDR 2 ² Employment	EDR 2 ² Entry Wage	EDR 2 ² Average Wage	Georgia Statewide Entry Wage	Georgia Statewide Average Wage
514193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	7	3	4	***	\$10.48	\$11.68	40	\$12.37	\$18.33	\$11.90	\$20.40
514199	Metal Workers and Plastic Workers, All Other	7	3	4	***	\$10.48	\$10.48	***	\$15.67	\$20.38	\$17.30	\$22.39
517041	Sawing Machine Setters, Operators, and Tenders, Wood	7	3	5	80	\$10.04	\$12.29	70	\$10.95	\$13.55	\$8.82	\$12.29
518031	Water and Wastewater Treatment Plant and System Operators	7	3	3	220	\$14.31	\$18.54	400	\$13.80	\$17.73	\$12.37	\$17.67
519021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	7	3	4	10	\$9.82	\$12.02	30	\$11.85	\$13.99	\$11.75	\$16.38
519061	Inspectors, Testers, Sorters, Samplers, and Weighers	7	3	4	880	\$9.44	\$14.12	1,480	\$9.75	\$14.46	\$10.74	\$17.05
519111	Packaging and Filling Machine Operators and Tenders	7	3	4	1,010	\$9.37	\$12.30	1,460	\$9.25	\$12.07	\$9.72	\$14.96
519121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	7	3	4	50	\$11.17	\$15.15	370	\$10.44	\$13.96	\$10.75	\$14.33
519122	Painters, Transportation Equipment	7	3	4	***	\$12.52	\$16.54	120	\$12.42	\$16.33	\$15.10	\$22.97
519195	Molders, Shapers, and Casters, Except Metal and Plastic	7	3	3	20	\$10.10	\$12.34	20	\$10.13	\$12.20	\$9.99	\$14.16
519198	Helpers--Production Workers	8	3	5	470	\$7.98	\$10.43	1,530	\$8.50	\$11.45	\$8.78	\$12.25
519199	Production Workers, All Other	7	3	4	240	\$9.51	\$12.74	510	\$9.43	\$13.83	\$8.44	\$13.52

Transportation and Material Moving Occupations (SOC 530000)

531011	Aircraft Cargo Handling Supervisors	7	2	6	***	\$12.38	\$14.45	***	\$12.38	\$14.45	\$17.78	\$34.91
531048	First-Line Supervisors of Transportation and Material Moving Workers, except Aircraft Cargo Handling Supervisors	7	2	6	360	\$14.95	\$25.21	620	\$15.26	\$24.51	\$14.57	\$24.03
533032	Heavy and Tractor-Trailer Truck Drivers	5	3	5	2,080	\$14.17	\$20.51	4,070	\$12.14	\$18.04	\$12.99	\$19.23
533033	Light Truck or Delivery Services Drivers	7	3	5	780	\$10.41	\$18.76	1,350	\$9.53	\$16.67	\$9.62	\$16.32
537051	Industrial Truck and Tractor Operators	8	3	5	610	\$10.19	\$13.43	1,710	\$11.31	\$14.03	\$11.71	\$16.32
537062	Laborers and Freight, Stock, and Material Movers, Hand	8	3	5	4,170	\$9.54	\$11.80	6,820	\$9.26	\$11.62	\$8.97	\$12.51
537063	Machine Feeders and Offbearers	8	3	5	***	\$10.88	\$16.73	590	\$10.88	\$15.52	\$10.61	\$14.18
537064	Packers and Packagers, Hand	8	3	5	1,080	\$8.42	\$10.43	1,440	\$8.67	\$10.69	\$8.03	\$10.77

NOTE: Data were compiled using a 6 county area defined as the Lumpkin LDA (Labor Draw Area). Other data are provided for the EDR 2 (Economic Development Region) and the state of Georgia as indicated.

The Lumpkin LDA consists of the following 6 counties: Dawson, Fannin, Hall, Lumpkin, Union, and White.²

The EDR 2 consists of the following 13 counties: Banks, Dawson, Forsyth, Franklin, Habersham, Hall, Hart, Lumpkin, Rabun, Stephens, Towns, Union, and White.²

NAICS - North American Industry Classification System

*** Indicates data were either not available or suppressed due to BLS confidentiality.

EDU - Education Category - See Education and Training Classification System Table for EDU descriptions ¹

EXP - Work Experience in a Related Occupation Category - See Education and Training Classification System Table for EXP descriptions ¹

OJT - On-The-Job-Training Category - See Education and Training Classification System Table for OJT descriptions ¹

Source: Georgia Department of Labor, Workforce Statistics & Economic Research

Methodology

Scope of Estimates

Establishments in all size classes were selected for the sample and all firms having 250 or more employees were included. All major industry sectors were sampled, including Agriculture, Forestry, Fishing and Hunting; Mining; Utilities; Construction; Manufacturing; Wholesale and Retail Trade; Transportation and Warehousing; Information; Financial Activities; Professional and Business Services; Education and Health Services; Leisure and Hospitality; Other Services; and Local Government. State Government data are universe counts obtained from the Georgia State Merit System. Data for the Postal Service and Federal Government are universe counts obtained from the Office of Personnel Management.

Respondents were to include the number of full- and part-time workers and their wages. Wages included tips and commissions. The wages were to be reported by the intervals determined by the Office of Compensation and Working Conditions shown below:

Interval	Hourly Wages	Annual Wages
A	Under \$9.25	Under \$19,240
B	\$9.25 to \$11.74	\$19,240 to \$24,439
C	\$11.75 to \$14.74	\$24,440 to \$30,679
D	\$14.75 to \$18.74	\$30,680 to \$38,999
E	\$18.75 to \$23.99	\$39,000 to \$49,919
F	\$24.00 to \$30.24	\$49,920 to \$62,919
G	\$30.25 to \$38.49	\$62,920 to \$80,079
H	\$38.50 to \$48.99	\$80,080 to \$101,919
I	\$49.00 to \$61.99	\$101,920 to \$128,959
J	\$62.00 to \$78.74	\$128,960 to \$163,799
K	\$78.75 to \$99.99	\$163,800 to \$207,999
L	\$100.00 and over	\$208,000 and over

These wages, if not reported on an hourly or annual basis, were converted to hourly terms based on a 40-hour workweek. Premium pay for overtime, shift differentials, weekends, and holidays were excluded, as well as bonuses and fringe benefits.

Most of the wages in this publication are hourly rates. However, for those occupations where workers generally work less than the usual 2,080 hours per year, the wages shown are annual wages. These include teachers, pilots, flight attendants, and musical and entertainment occupations.

The wage estimates data presented in this guide have a second quarter of 2018 reference period and are based on information from the fourth quarter 2015, the second and fourth quarter 2016, the second and fourth quarter 2017, and the second quarter 2018 semi-annual Occupational Employment Statistics (OES) estimates. Those years of employment and wage reports were combined to produce this year's results.

Statistical Methods

The 2015, 2016, 2017, and 2018 OES wage estimates were aged using the National Employment Cost Index (NECI) for each major occupational division. These data were then combined to create an expanded base from which to calculate wage estimates. A weight equal to the reciprocal of the establishment's probability of selection (e.g. design weight) was used on the combined wage data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division.

In the event of sampled establishments that were not returned or unusable responses, OES utilized the "hot deck" nearest neighbor procedure to adjust for each occurrence. The procedure used information from a donor unit possessing similar characteristics (same industry, class, and geographic region). The donor's data—total employment and reported total occupational employment—were then copied into the non-respondent's record.

Another method employed by OES to adjust for incomplete responses (e.g. establishment sent employment data but did not furnish wage information) was the "mean of cell" procedure. This procedure determined the distribution of reported occupational wage data across wage intervals in the current area/industry/size class of the partially responsive unit. If there was sufficient data, this wage distribution was used to distribute the partial respondent's reported employment across the wage intervals. If the data were insufficient, the size class, areas, and industries were increased until a distribution could be determined and utilized.

Reported and adjusted wage data were used to calculate the wage information provided in this publication for establishments in industries that were predominant employers for an occupation.

Data Limitations

A wide variation between the weighted average and the median may indicate that extreme high or low wage data may have affected the weighted average. In such instances, it may be advisable to use the median or the middle range rather than the average.

Wages for small employers may differ from those for larger employers. No distinction has been made for union and non-union employees. Finally, the minimum publication criteria which have been met by the given wage figures do not necessarily imply statistical accuracy.

Definitions

SOC/O*NET Code: the official occupational code used by the U.S. Department of Labor's Bureau of Labor Statistics and all federal agencies for job classification

Education Level: the official education level code used by the Bureau of Labor Statistics to reflect the typical education for entry into an occupation

Work Experience: indicates if work experience in a related occupation is commonly considered necessary by employers for entry into the occupation.

On-the-job Training: indicates the typical on-the-job training needed to attain competency in the occupation.

Entry Wage: the mean (average) of the first third of the wage distribution.

Average Wage: calculated using a “winsorized” mean procedure; open-ended upper interval set at its lower bound (\$90.00) and mean value for other intervals set by the federal Office of Compensation and Working Conditions; mean interval value then multiplied by all employees in interval producing weighted wage value; sum of the weighted wages for all intervals divided by the total employees in occupation results in weighted average wage.

Median Wage: middle value of the distribution of wage rates arranged in ascending order; 50% of the workers earned more and 50% of the workers earned less than this value; interval containing the target wage found through cumulative frequency count of employment across wage intervals.

Middle Wage Range: includes half the values in the distribution of wage data collected; 25% of the workers earned less than the low end of the range and 25% earned more than the high end; linear interpolation of target wage interval used to find wage at the low end and the high end.

Education and Training Classification System

The Bureau of Labor Statistics (BLS) provides information about education and training requirements for hundreds of occupations. BLS uses a system to assign categories for entry-level education, work experience in a related occupation, and typical on-the-job training to each occupation for which BLS publishes occupational data. The assignments allow occupations to be grouped to create estimates with various types of education and training needs. BLS assigns occupations to a designation within three categories:

Typical education needed for entry — Represents the typical education level most workers need to enter an occupation. The assignments for this category are the following:

1. Doctoral or professional degree
2. Master's degree
3. Bachelor's degree
4. Associate's degree
5. Postsecondary non-degree award
6. Some college, no degree
7. High school diploma or equivalent
8. No formal educational credential

Work experience in a related occupation — Indicates if work experience in a related occupation is commonly considered necessary by employers for entry into the occupation, or is a commonly accepted substitute for formal types of training. The assignments for this category are 5 years or more, less than 5 years, and none.

Typical on-the-job training — Indicates the typical on-the-job training needed to attain competency in the skills needed in the occupation. The assignments for this category includes internship/residency; apprenticeship; long-term on-the-job training: more than 12 months; moderate-term on the job training: more than 1 month and up to 12 months; short-term on-the-job training: 1 month or less; none.

System Codes

Workforce Statistics & Economic Research Division used the following system codes to represent the new education and training assignments.

Education Category

Education Code	Education Title
1	Doctoral or professional degree
2	Master's degree
3	Bachelor's degree
4	Associate's degree
5	Postsecondary non-degree award
6	Some college, no degree
7	High school diploma or equivalent
8	No formal educational credential

Work Experience in a Related Occupation Category

Work Exp. Code	Work Experience Title
1	5 years or more
2	Less than 5 years
3	None

On-the-Job Training Category

Training Code	Training Title
1	Internship/residency
2	Apprenticeship
3	Long-term on-the-job training
4	Moderate-term on-the-job training
5	Short-term on-the-job training
6	None

Business Services

Georgia Department of Labor

The Georgia Department of Labor provides an array of services to the business community. Staff participate in the economic development realm to promote Georgia as the best place to locate a new or expanding business.

A. Recruitment and Staffing

- Accepting job opening information and screening job seekers to refer the most qualified candidates
- Searching local, state and national applicant databases to meet employers' needs
- Assisting to write job descriptions and specifications
- Conducting single and multi-employer career expos throughout the state
- Establishing a dedicated recruitment location or web presence for companies with large staffing needs
- Providing resources, forums and on-site assistance for agricultural employers

B. On-site Business Centers

Career centers provide space for employers to conduct interviews and have dedicated resources (e.g., computers, fax machines, valuable written materials) for employers in the community.

C. Labor Market Information

A broad array of community, regional, state and national data of value to businesses, such as:

- Comparative wage information
- Economic profiles of Georgia's regions
- Labor supply and demand by industry and occupation
- Commuting patterns

D. Assistance with tax credits

Georgia DOL staff receive and certify requests for the Work Opportunities Tax Credit, and assists with information on other tax incentives (e.g., Veteran Hire = \$2,400 to \$9,600 in tax credits).

E. Assistance with employment-related laws

- Information on employment tax and assistance with filing reports and taxes
- Assistance with Child Labor laws and obtaining federally-required labor posters

F. Regional Coordinators and Employer Committees

The Regional Coordinators connect economic development and workforce resources throughout the state. They work closely with employers, businesses, state and community partners, to promote Georgia and its human capital. Employer Committees are groups support the workforce needs of local employers.

G. Extensive Website resources

Online resources include: employment tax tips and incentives, labor market information and other resources.

H. Regional Business Summits

"Employers In the Know" attendees will meet and hear from Commissioner of Labor Mark Butler as he shares valuable information on current GDOL initiatives and programs. Get information from a Labor Law expert about federal policies and legislation that will help ensure businesses are compliant and profitable in the upcoming years.

I. Customized Recruitment X (CRX)

A specialized resource created in response to the needs of existing Georgia companies who are experiencing growth. Modeling the highly successful Customized Recruitment program (CR). CRX provides expert level services to Georgia's existing and expanding businesses. Candidates go through a process established with CR to ensure their qualifications, applications or résumés are then referred to the employer for next steps.