

Middle Regional Plan Appendix

Table #1 – Emerging/High Growth Industries 2020-2030

NAICS	Emerging / High Growth Industries	Estimated Employment (2020)	Projected Employment (2030)	% Growth (2020-2030)
51	Information	42,982	60,948	41.8
5112	Software Publishers	5,952	15,750	164.6
5121	Motion Picture and Video Industries	6,186	9,078	46.8
5182	Data Processing, Hosting, and Related Services	6,523	9,319	42.9
62	Health Care and Social Assistance	409,022	489,592	16.7
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	13,783	22,453	62.9
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	16,010	25,641	60.2

NAICS	Emerging / High Growth Industries	Estimated Employment (2020)	Projected Employment (2030)	% Growth (2020-2030)
624100	Individual and Family Services	32,004	43,695	36.5
621300	Offices of Other Health Practitioners	17,593	23,235	32.1
54	Professional, Scientific, and Technical Services	147,283	169,838	15.3
541500	Computer Systems Design and Related Services	21,868	30,896	41.3
541200	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	23,902	30,502	27.6
541900	Other Professional, Scientific, and Technical Services	12,715	15,884	24.9
541700	Scientific Research and Development Services	9,454	11,263	19.1
541300	Architectural, Engineering, and Related Services	22,353	26,462	18.4
23	Construction	130,059	145,093	11.6
236200	Nonresidential Building Construction	13,643	18,311	34.2
237300	Highway, Street, and Bridge Construction	7,135	8,649	21.2
238900	Other Specialty Trade Contractors	12,890	15,625	21.2
237100	Utility System Construction	7,653	9,056	18.3
31-33	Manufacturing	334,899	373,881	11.6

335900	Other Electrical Equipment and Component Manufacturing	2,123	5,377	153.3
336100	Motor Vehicle Manufacturing	17,171	35,955	109.4
334200	Communications Equipment Manufacturing	319	575	80.3
48-49	Transportation	195,966	239,220	22.1
488500	Freight Transportation Arrangement	8,679	12,391	42.8
491100	Postal Service	12,668	17,094	34.9
492100	Couriers	43,631	56,517	29.5
493000	Warehousing and Storage	49,220	61,662	25.3
484000	Truck Transportation	59,370	64,369	8.4

Table #2 Middle TN In-Demand Occupations

Code	Occupations	NM	SM	UC	Typical Education	No. of LWDA's	Annual Entry Level Wage
15-1231	Computer Network Support Specialists		1	1	AS	2	\$42,299
17-3023	Electrical and Electronic Engineering Technologists and Technicians	1	1	1	AS	3	\$42,313
25-2011	Preschool Teachers, Except Special Education		1	1	AS	2	\$22,499
29-1141	Registered Nurses		1	1	AS	2	\$54,486
29-2032	Diagnostic Medical Sonographers		1	1	AS	2	\$54,196
31-2011	Occupational Therapy Assistants		1	1	AS	2	\$47,282
31-2021	Physical Therapist Assistants	1	1	1	AS	3	\$46,871
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1	1	1	AS	3	\$28,534
15-1232	Computer User Support Specialists	1	1	1	SC	3	\$36,615
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1	1	1	SC	3	\$30,253
29-2061	Licensed Practical and Licensed Vocational Nurses	1	1	1	PSN	3	\$36,873
31-9091	Dental Assistants	1	1	1	PSN	3	\$32,692
31-9092	Medical Assistants	1	1	1	PSN	3	\$28,974
31-9097	Phlebotomists	1	1	1	PSN	3	\$29,229
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1	1		PSN	2	\$20,559
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1	1		PSN	2	\$33,235
49-3023	Automotive Service Technicians and Mechanics	1		1	PSN	2	\$36,840

49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1	1	1	PSN	3	\$35,517
53-3032	Heavy and Tractor-Trailer Truck Drivers	1	1	1	PSN	3	\$37,627
11-3071	Transportation, Storage, and Distribution Managers	1	1	1	HS	3	\$59,054
11-9051	Food Service Managers	1	1	1	HS	3	\$34,011
11-9081	Lodging Managers	1		1	HS	2	\$27,107
11-9141	Property, Real Estate, and Community Association Managers	1		1	HS	2	\$39,179
21-1093	Social and Human Service Assistants	1	1		HS	2	\$26,193
29-2052	Pharmacy Technicians		1	1	HS	2	\$28,760
33-3012	Correctional Officers and Jailers	1		1	HS	2	\$32,193

Code	Occupations	NM	SM	UC	Typical Education	No. of LWDA's	Annual Entry Level Wage
33-9032	Security Guards		1	1	HS	2	\$23,955
35-1011	Chefs and Head Cooks	1	1	1	HS	3	\$38,123
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	1	1	1	HS	3	\$26,522
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	1	1	1	HS	3	\$29,997
37-2021	Pest Control Workers	1	1	1	HS	3	\$28,807
39-9031	Exercise Trainers and Group Fitness Instructors	1	1	1	HS	3	\$24,048
41-1011	First-Line Supervisors of Retail Sales Workers	1	1	1	HS	3	\$29,629
41-3021	Insurance Sales Agents	1	1	1	HS	3	\$33,265
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	1		1	HS	2	\$35,066
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products		1	1	HS	2	\$34,217
41-9022	Real Estate Sales Agents	1		1	HS	2	\$23,636
43-3011	Bill and Account Collectors	1	1		HS	2	\$28,169
43-3021	Billing and Posting Clerks	1	1		HS	2	\$31,557
43-3051	Payroll and Timekeeping Clerks	1	1	1	HS	3	\$32,642
43-4051	Customer Service Representatives	1	1	1	HS	3	\$30,909
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1	1	1	HS	3	\$46,508

43-5051	Postal Service Clerks		1	1	HS	2	\$34,837
43-5061	Production, Planning, and Expediting Clerks		1	1	HS	2	\$30,541
43-5071	Shipping, Receiving, and Inventory Clerks	1	1	1	HS	3	\$41,469
43-6011	Executive Secretaries and Executive Administrative Assistants	1	1	1	HS	3	\$27,859
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1	1	1	HS	3	\$23,733
43-9061	Office Clerks, General	1		1	HS	2	\$22,727
43-9199	Office and Administrative Support Workers, All Other	1	1		HS	2	\$41,222
47-2021	Brickmasons and Blockmasons	1	1		HS	2	\$34,417
47-2031	Carpenters	1	1	1	HS	3	\$29,001

Code	Occupations	NM	SM	UC	Typical Education	No. of LWDA's	Annual Entry Level Wage
47-2073	Operating Engineers and Other Construction Equipment Operators	1	1		HS	2	\$38,893
47-2111	Electricians	1	1	1	HS	3	\$31,049
47-2152	Plumbers, Pipefitters, and Steamfitters	1	1	1	HS	3	\$33,669
47-2211	Sheet Metal Workers	1	1		HS	2	\$39,021
47-4011	Construction and Building Inspectors	1		1	HS	2	\$29,362
47-4090	Miscellaneous Construction and Related Workers	1		1	HS	2	\$44,257
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers		1	1	HS	2	\$42,036
49-3021	Automotive Body and Related Repairers	1	1	1	HS	3	\$31,045
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1		1	HS	2	\$35,389
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1	1		HS	2	\$39,800
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1	1	1	HS	3	\$27,063
49-9099	Installation, Maintenance, and Repair Workers, All Other	1	1	1	HS	3	\$31,048
51-1011	First-Line Supervisors of Production and Operating Workers	1	1	1	HS	3	\$42,576
51-2090	Miscellaneous Assemblers and Fabricators	1	1	1	HS	3	\$29,981

51-3092	Food Batchmakers	1	1		HS	2	\$28,478
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic		1	1	HS	2	\$30,208
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1		1	HS	2	\$32,150
51-4121	Welders, Cutters, Solderers, and Brazers		1	1	HS	2	\$35,801
51-4199	Metal Workers and Plastic Workers, All Other	1	1		HS	2	\$30,910
51-5112	Printing Press Operators	1		1	HS	2	\$28,846
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1	1	1	HS	3	\$29,647
51-9111	Packaging and Filling Machine Operators and Tenders	1	1	1	HS	3	\$28,334

Code	Occupations	NM	SM	UC	Typical Education	No. of LWDA's	Annual Entry Level Wage
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1	1		HS	2	\$32,008
51-9161	Computer Numerically Controlled Tool Operators		1	1	HS	2	\$34,838
51-9199	Production Workers, All Other		1	1	HS	2	\$26,715
53-3033	Light Truck Drivers	1	1		HS	2	\$27,967
47-2061	Construction Laborers	1	1	1	NC	3	\$35,999
47-2141	Painters, Construction and Maintenance	1	1	1	NC	3	\$40,166
51-3021	Butchers and Meat Cutters		1	1	NC	2	\$27,032
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	1	1		NC	2	\$25,258
53-7051	Industrial Truck and Tractor Operators	1	1	1	NC	3	\$31,285
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1	1	1	NC	3	\$27,637

Table #3 - Middle Region Top Certifications in Advertised Jobs, December 2023

LWDA	Advertised Certification Group	Advertised Certification Sub-Category	Job Opening Match Count
NM	American Academy of Neurology (AAN) Designations	Medical Professional	371
UP	American Association of Nurse Anesthetists (AANA) Certifications	Nursing	13

NM	American Heart Association (AHA) CPR & First Aid Certifications	Nursing	4,989
SM	American Heart Association (AHA) CPR & First Aid Certifications	Nursing	850
UP	American Heart Association (AHA) CPR & First Aid Certifications	Nursing	615
NM	American Institute of CPAs (AICPA) Certifications	Financial Specialists	682
SM	American Institute of CPAs (AICPA) Certifications	Financial Specialists	22
UP	American Institute of CPAs (AICPA) Certifications	Financial Specialists	15
NM	American Organization for Nursing Leadership (AONL) Certifications	Nursing	374
SM	American Red Cross - First Aid Certifications	Nursing	19
UP	American Registry for Diagnostic Medical Sonography (ARDMS)	Medical Testing	12

LWDA	Advertised Certification Group	Advertised Certification Sub-Category	Job Opening Match Count
SM	Association of Nutrition & Foodservice Professionals (ANFP) Certifications	Food Preparation and Cooking	20
NM	Behavior Analyst Certification Board (BACB)	Counseling	184
NM	Commercial Drivers License (CDL)	Ground Transportation	1,282
SM	Commercial Drivers License (CDL)	Ground Transportation	190
UP	Commercial Drivers License (CDL)	Ground Transportation	104
SM	Competency & Credentialing Institute (CCI)	Nursing	22
UP	Doctor of Dental Surgery (DDS)	Dental	11
UP	Manufacturing Skills Institute (MSI) Certifications	Manufacturing and Production - All Other	18
SM	National Board for Respiratory Care (NBRC)	Medical Treatment and Therapy	19
NM	National Board of Surgical Technology and Surgical Assisting (NBSTSA)	Medical Treatment and Therapy	162
NM	National Registry of Emergency Medical Technicians (NREMT)	Fire Rescue	239
SM	National Registry of Emergency Medical Technicians (NREMT)	Fire Rescue	39
UP	National Registry of Emergency Medical Technicians (NREMT)	Fire Rescue	18
NM	Nursing Credentials and Certifications	Nursing	5,513
SM	Nursing Credentials and Certifications	Nursing	881
UP	Nursing Credentials and Certifications	Nursing	592
NM	Social Worker Credentials & Certifications	Social and Human Services	173
SM	Social Worker Credentials & Certifications	Social and Human Services	47
UP	Social Worker Credentials & Certifications	Social and Human Services	35

Table #4 - Advertised Job Skills Table for Middle Region

Rank	Advertised Detailed Job Skill	Advertised Skill Group	Job Opening Match Count
1	Customer service	Customer Service Skills	19,463
2	Inventory management	Bill and Account Collectors Skills	1,624
3	Cash handling	Cashier Skills	1,531
4	Developing new business	Business Development Skills	1,442
5	Preventative maintenance	Maintenance Technician Skills	1,361
6	Inventory control	Bill and Account Collectors Skills	1,250
7	Food preparation	Food Preparation Worker Skills	1,170
8	Risk management	Risk Analyst Skills	1,115
9	Typing	Office Clerk Skills	1,099
10	Word processing	Office Clerk Skills	869

Table #5 Middle TN Educational Level

Educational Attainment	Middle Region White Only	Middle Region Black Only	Middle Region Hispanic or Latino Only	Statewide White Only	Statewide Black Only	Statewide Hispanic or Latino Only
Population 25 years and over	1,534,019	230,544	100,658	3,701,360	725,820	194,222
High school graduate only	474,318	68,564	19,937	1,171,517	247,651	54,356
Percent high school graduate only	30.92%	29.74%	19.81%	31.65%	34.12%	27.99%
High school graduate or higher	1,388,732	206,950	68,012	3,317,421	636,892	125,079
Percent high school graduate or higher	90.53%	89.77%	67.57%	89.63%	87.75%	64.40%
Bachelor's degree or higher	512,239	65,703	18,717	1,114,827	159,001	33,770
Percent bachelor's degree or higher	33.39%	28.50%	18.59%	30.12%	21.91%	17.39%

Table #6 Middle Regional Barriers to Employment

	Northern Middle TN LWDA	Southern Middle TN LWDA	Upper Cumberland LWDA	Middle Region	State Total
Number of American Indians or Alaskan Natives alone	5,580	1280	929	7,789	15,219
Population Ages 15-19	134,346	31,323	22,134	187,803	438,290
Population Ages 20-24	139,907	26,953	22,911	189,771	443,703
Population Ages 55+	509,632	158,632	126,627	794,891	2,022,778
Number of Veterans 2022	119,735	30,289	22,849	172,873	423,042
Number Below Poverty	213,708	58,774	58,453	330,935	955,929
Number With Disability	238,769	74,512	65,836	379,117	1,025,259
Number of Single Parent Families	341,445	73,965	58,825	474,235	1,234,824
Probationers and Parolees 2023	22,572	4,305	3,629	30,506	71,142
Community Correction 2023	1,648	5	106	1,759	3,401
Mental Health Court Statistics (FY 2023)	47	0	0	47	96
Limited English Speaking	22,856	821	64	24,331	42,056
Foster Care Services - Youth Aged 2022	192	68	52	312	801
Clients In Recovery Courts (2023)	400	45	108	553	1,399
Disadvantaged Youth and Adults	157,655	45,750	40,300	243,705	693,590
TANF 24 Months from 2022	348	112	60	520	1,816
Prison Population 2023	4,263	2,437	0	6,700	19,063
Jail Population 2023	5,646	1,901	1,515	9,065	25,696