

OCCUPATIONAL PROJECTIONS 2006-2016
SOUTHERN TIER REGION

Demand List Rev. 7-16-09

SOC CODE	TITLE	Employment		Change		Annual Average Openings				Annual Wages (\$)				Typical Education and Training Requirments ³	Educational Cluster ³	Employment Prospects ⁴	NYS Growth Rate	US Growth Rate	Green Potential
		2006	2016	Level	Percent	Total	Growth	Replacement	Mean	Median	Entry ¹	Experienced ²							
11-9021	Construction Managers	640	680	40	6.3	10	0	10	\$85,480	\$76,340	\$57,890	\$99,280	Bachelor's degree	HS/SC/C	Very Favorable	12.4	15.7	G	
11-9081	Lodging Managers	80	90	10	12.5	0	0	0	\$53,930	\$53,220	\$35,940	\$62,930	Work experience in a related occupation	HS/SC/C	Favorable	10.8	12.2		
11-9199	Managers, All Other	1,160	1,180	20	1.7	20	0	20	\$76,030	\$55,370	\$40,220	\$93,930	Work experience in a related occupation	HS/SC/C	Favorable	2.4	6.9		
13-1051	Cost Estimators	300	350	50	16.7	20	10	10	\$47,170	\$45,900	\$31,430	\$55,040	Work experience in a related occupation	HS/SC/C	Favorable	18.0	18.5	G	
13-1072	Compensation, Benefits, and Job Analysis Specialists	160	180	20	12.5	0	0	0	\$53,980	\$48,650	\$37,380	\$62,280	Bachelor's degree	SC/C	Favorable	10.0	18.4		
13-2011	Accountants and Auditors	2,050	2,200	150	7.3	60	20	40	\$60,190	\$56,070	\$41,180	\$69,690	Bachelor's degree	C	Very Favorable	12.6	17.7	G	
13-2052	Personal Financial Advisors	400	460	60	15.0	10	10	0	\$74,580	\$49,710	\$31,600	\$96,070	Bachelor's degree	C	Favorable	17.4	41.0		
15-1031	Computer Software Engineers, Applications	880	1,130	250	28.4	40	30	10	\$79,070	\$75,570	\$50,880	\$93,170	Bachelor's degree	C	Very Favorable	38.0	44.6	G	
15-1032	Computer Software Engineers, Systems Software	770	920	150	19.5	30	20	10	\$90,230	\$85,060	\$61,300	\$104,700	Bachelor's degree	C	Very Favorable	19.1	28.2	G	
15-1041	Computer Support Specialists	930	960	30	3.2	30	0	30	\$42,360	\$40,450	\$29,660	\$48,710	Associate degree	SC/C	Favorable	8.0	12.9	G	
15-1051	Computer Systems Analysts	570	660	90	15.8	30	10	20	\$72,140	\$63,990	\$44,490	\$85,960	Bachelor's degree	SC/C	Very Favorable	22.1	29.0	G	
15-1071	Network and Computer Systems Administrators	510	610	100	19.6	20	10	10	\$55,560	\$51,470	\$38,560	\$64,060	Bachelor's degree	SC/C	Very Favorable	21.2	27.0		
15-1081	Network Systems and Data Communications Analysts	430	610	180	41.9	30	20	10	\$57,390	\$52,500	\$37,370	\$67,400	Bachelor's degree	SC/C	Very Favorable	41.9	53.4		
15-1099	Computer Specialists, All Other (web designer included)	3,360	3,560	200	6	110	20	90	\$74,700	\$71,670	\$46,880	\$88,620	Associate degree	SC/C	Favorable				
17-1022	Surveyors	50	60	10	20.0	0	0	0	\$51,690	\$50,380	\$32,990	\$61,030	Bachelor's degree	C	Favorable	17.3	23.7		
17-2051	Civil Engineers	400	420	20	5.0	10	0	10	\$65,680	\$64,120	\$48,850	\$74,090	Bachelor's degree	C	Very Favorable	10.8	18.0	G	
17-3011	Architectural and Civil Drafters	140	140	0	0.0	0	0	0	\$40,620	\$40,060	\$31,420	\$45,220	Postsecondary vocational training	SC/C	Least Favorable	2.4	6.1	G	
17-3012	Electrical and Electronics Drafters	120	120	0	0.0	0	0	0	\$51,800	\$52,710	\$33,030	\$61,180	Postsecondary vocational training	SC/C	Least Favorable	-4.2	4.1	G	
17-3013	Mechanical Drafters	230	230	0	0.0	10	0	10	\$47,930	\$46,420	\$34,370	\$54,720	Postsecondary vocational training	SC/C	Least Favorable	1.3	5.2	G	
17-3022	Civil Engineering Technicians	110	120	10	9.1	0	0	0	\$49,290	\$48,440	\$32,490	\$57,690	Associate degree	HS/SC	Favorable	9.1	10.2	G	
17-3024	Electro-Mechanical Technicians	60	50	-10	-16.7	0	0	0	\$42,670	\$40,980	\$31,600	\$48,200	Associate degree	HS/SC	Least Favorable	-6.3	2.6		
17-3026	Industrial Engineering Technicians	420	450	30	7.1	10	0	10	\$44,960	\$44,200	\$33,570	\$50,650	Associate degree	HS/SC	Favorable	-0.4	9.9	G	
17-3027	Mechanical Engineering Technicians	160	140	-20	-12.5	0	0	0	\$46,640	\$45,780	\$36,170	\$51,870	Associate degree	HS/SC	Least Favorable	0.7	6.4	G	
17-3029	Engineering Technicians, Except Drafters, All Other	190	190	0	0.0	0	0	0	\$43,810	\$44,480	\$32,590	\$49,420	Associate degree	HS/SC	Least Favorable		2.0		
17-3031	Surveying and Mapping Technicians	90	100	10	11.1	0	0	0	\$31,550	\$31,390	\$20,450	\$37,090	Moderate-term on-the-job training	HS/SC	Favorable	13.2	19.4		
19-1031	Conservation Scientists	90	100	10	11.1	0	0	0	\$55,810	\$52,390	\$42,860	\$62,280	Bachelor's degree	C	Favorable	0.9	5.3		
19-4031	Chemical Technicians	160	170	10	6.3	10	0	10	\$42,210	\$42,420	\$30,710	\$47,960	Associate degree	HS/SC/C	Favorable	-9.9	5.8	G	
19-4091	Environmental Science and Protection Technicians, Including Health	60	80	20	33.3	0	0	0	\$32,740	\$35,570	\$19,860	\$39,180	Associate degree	HS/SC/C	Very Favorable	18.7	28.0	G	
21-1093	Social and Human Service Assistants	1,450	1,640	190	13.1	40	20	20	\$31,880	\$30,440	\$19,990	\$37,820	Moderate-term on-the-job training	SC/C	Very Favorable	19.8	33.6		
25-2012	Kindergarten Teachers, Except Special Education	430	470	40	9.3	10	0	10	\$54,090	\$50,190	\$35,460	\$63,410	Bachelor's degree	HS/SC/C	Favorable	12.5	16.3		
25-2021	Elementary School Teachers, Except Special Education	3,900	4,180	280	7.2	120	30	90	\$52,320	\$50,340	\$34,790	\$61,090	Bachelor's degree	C	Very Favorable	10.7	13.6		
25-2022	Middle School Teachers, Except Special and Vocational Education	1,980	2,080	100	5.1	50	10	40	\$50,220	\$47,660	\$36,000	\$57,330	Bachelor's degree	C	Very Favorable	8.5	11.2		
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	840	950	110	13.1	30	10	20	\$51,170	\$49,120	\$38,510	\$57,490	Bachelor's degree	C	Very Favorable	15.2	19.6		
25-2042	Special Education Teachers, Middle School	320	350	30	9.4	10	0	10	\$51,650	\$47,900	\$40,850	\$57,050	Bachelor's degree	C	Favorable		15.8		
25-2043	Special Education Teachers, Secondary School	540	580	40	7.4	10	0	10	\$55,150	\$52,400	\$41,700	\$61,880	Bachelor's degree	C	Very Favorable	6.0	8.5		
25-9041	Teacher Assistants	5,180	5,310	130	2.5	90	10	80	\$20,540	\$18,660	\$16,100	\$22,750	Short-term on-the-job training	HS/SC	Favorable	5.9	10.4		

OCCUPATIONAL PROJECTIONS 2006-2016
SOUTHERN TIER REGION

Demand List Rev. 7-16-09

SOC CODE	TITLE	Employment		Change		Annual Average Openings				Annual Wages (\$)				Typical Education and Training Requirments ³	Educational Cluster ³	Employment Prospects ⁴	NYS Growth Rate	US Growth Rate	Green Potential
		2006	2016	Level	Percent	Total	Growth	Replacement	Mean	Median	Entry ¹	Experienced ²							
27-1024	Graphic Designers	510	530	20	3.9	10	0	10	\$37,320	\$35,570	\$25,240	\$43,360	Bachelor's degree	SC/C	Very Favorable	6.3	9.8		
27-1025	Interior Designers	110	130	20	18.2	0	0	0	\$39,720	\$39,630	\$29,340	\$44,910	Associate degree	SC/C	Favorable	12.8	19.5		
29-1071	Physician Assistants	210	250	40	19.0	0	0	0	\$80,260	\$78,940	\$65,110	\$87,830	Bachelor's degree	SC/C	Favorable	14.0	27.0		
29-1111	Registered Nurses	5,120	5,910	790	15.4	170	80	90	\$52,190	\$50,780	\$41,930	\$57,320	Associate degree	SC/C	Very Favorable	14.2	23.5		
29-1125	Recreational Therapists	90	100	10	11.1	0	0	0	\$44,050	\$45,080	\$27,730	\$52,210	Bachelor's degree	SC/C	Favorable	-4.4	3.7		
29-1126	Respiratory Therapists	140	160	20	14.3	0	0	0	\$54,700	\$52,840	\$42,850	\$60,630	Associate degree	SC/C	Favorable	12.1	22.6		
29-2011	Medical and Clinical Laboratory Technologists	180	180	0	0.0	0	0	0	\$50,120	\$49,170	\$39,960	\$55,200	Bachelor's degree	SC/C	Least Favorable	8.1	12.4		
29-2012	Medical and Clinical Laboratory Technicians	240	260	20	8.3	0	0	0	\$37,710	\$35,990	\$27,920	\$42,600	Associate degree	SC/C	Favorable	8.4	15.0		
29-2021	Dental Hygienists	480	610	130	27.1	20	10	10	\$50,500	\$49,230	\$44,960	\$53,270	Associate degree	SC/C	Very Favorable	25.2	30.1		
29-2031	Cardiovascular Technologists and Technicians	70	80	10	14.3	0	0	0	\$48,170	\$47,110	\$32,580	\$55,970	Associate degree	SC/C	Favorable	17.1	25.5		
29-2032	Diagnostic Medical Sonographers	60	70	10	16.7	0	0	0	\$57,830	\$57,860	\$48,360	\$62,560	Associate degree	SC/C	Favorable	15.5	19.1		
29-2034	Radiologic Technologists and Technicians	360	400	40	11.1	10	0	10	\$49,130	\$47,630	\$38,140	\$54,630	Associate degree	SC/C	Favorable	9.1	15.1		
29-2041	Emergency Medical Technicians and Paramedics	240	290	50	20.8	10	10	0	\$26,490	\$25,420	\$20,430	\$29,520	Postsecondary vocational training	SC	Favorable	13.4	19.2		
29-2052	Pharmacy Technicians	260	300	40	15.4	10	0	10	\$26,800	\$25,200	\$20,370	\$30,020	Moderate-term on-the-job training	HS/SC	Very Favorable	14.3	32.0		
29-2055	Surgical Technologists	80	90	10	12.5	0	0	0	\$35,970	\$33,930	\$26,970	\$40,480	Postsecondary vocational training	HS/SC	Favorable	13.3	24.5		
29-2056	Veterinary Technologists and Technicians	140	180	40	28.6	0	0	0	\$30,020	\$28,780	\$23,630	\$33,210	Associate degree	HS/SC	Very Favorable	19.9	41.0		
29-2061	Licensed Practical and Licensed Vocational Nurses	2,450	2,610	160	6.5	90	20	70	\$34,190	\$33,430	\$28,100	\$37,230	Postsecondary vocational training	HS/SC	Very Favorable	10.1	14.0		
29-2071	Medical Records and Health Information Technicians	280	310	30	10.7	10	0	10	\$28,920	\$24,450	\$18,210	\$34,270	Associate degree	HS/SC	Favorable	10.0	17.8		
29-2099	Health Technologists and Technicians, All Other	120	120	0	0.0	0	0	0	\$41,720	\$41,840	\$24,470	\$50,350	Postsecondary vocational training	HS/SC/C	Least Favorable	4.2	15.0		
31-1011	Home Health Aides	2,830	3,530	700	24.7	100	70	30	\$25,550	\$23,210	\$17,640	\$29,500	Short-term on-the-job training	HS/SC	Very Favorable	37.8	48.7		
31-1012	Nursing Aides, Orderlies, and Attendants	3,280	3,590	310	9.5	60	30	30	\$25,500	\$24,480	\$20,520	\$27,990	Postsecondary vocational training	HS/SC	Very Favorable	11.6	18.2		
31-2011	Occupational Therapist Assistants	70	80	10	14.3	0	0	0	\$43,420	\$42,160	\$29,950	\$50,150	Associate degree	SC	Favorable	11.9	25.4		
31-2021	Physical Therapist Assistants	110	130	20	18.2	0	0	0	\$39,010	\$38,740	\$32,640	\$42,200	Associate degree	SC/C	Favorable	23.3	32.4		
31-2022	Physical Therapist Aides	60	70	10	16.7	0	0	0	\$26,000	\$24,080	\$19,820	\$29,090	Short-term on-the-job training	SC/C	Favorable	21.4	24.4		
31-9091	Dental Assistants	510	650	140	27.5	20	10	10	\$30,730	\$29,810	\$25,340	\$33,420	Moderate-term on-the-job training	HS/SC	Very Favorable	24.4	29.2		
31-9092	Medical Assistants	390	510	120	30.8	20	10	10	\$24,540	\$23,720	\$19,550	\$27,030	Moderate-term on-the-job training	HS/SC	Very Favorable	30.3	35.4		
31-9094	Medical Transcriptionists	200	220	20	10.0	0	0	0	\$30,190	\$29,380	\$22,600	\$33,990	Postsecondary vocational training	HS/SC	Favorable	10.5	13.5		
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	230	250	20	8.7	0	0	0	\$25,700	\$25,720	\$18,800	\$29,150	Short-term on-the-job training	HS/SC	Favorable		15.7		
33-3051	Police and Sheriff's Patrol Officers	830	860	30	3.6	20	0	20	\$47,940	\$49,100	\$35,840	\$53,990	Long-term on-the-job training	SC/C	Very Favorable		10.8		
39-9011	Child Care Workers	3,660	4,040	380	10.4	150	40	110	\$19,430	\$18,310	\$15,960	\$21,160	Short-term on-the-job training	HS/SC	Very Favorable	10.2	17.8		
39-9021	Personal and Home Care Aides	2,070	2,800	730	35.3	110	70	40	\$19,880	\$19,680	\$17,870	\$20,890	Short-term on-the-job training	HS/SC	Very Favorable	35.0	50.6		
41-3021	Insurance Sales Agents	610	660	50	8.2	20	10	10	\$58,080	\$39,670	\$30,970	\$71,640	Bachelor's degree	HS/SC/C	Very Favorable	-1.6	12.9		
41-3031	Securities, Commodities, and Financial Services Sales Agents	440	480	40	9.1	10	0	10	\$94,190	\$75,180	\$43,400	\$119,590	Bachelor's degree	SC/C	Very Favorable	13.2	24.8		
41-3099	Sales Representatives, Services, All Other	420	500	80	19.0	20	10	10	\$52,860	\$51,720	\$29,380	\$64,590	Moderate-term on-the-job training	HS/SC/C	Very Favorable	16.9	27.9	G	
41-9099	Sales and Related Workers, All Other	150	160	10	6.7	0	0	0	\$36,300	\$33,960	\$25,050	\$41,930	Moderate-term on-the-job training	HS/SC/C	Favorable		14.0		
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,600	4,880	280	6.1	100	30	70	\$30,910	\$29,780	\$22,130	\$35,290	Moderate-term on-the-job training	HS/SC	Very Favorable	7.4	12.5	G	
43-4051	Customer Service Representatives	3,120	3,530	410	13.1	130	40	90	\$29,260	\$26,730	\$18,260	\$34,760	Moderate-term on-the-job training	HS/SC/C	Very Favorable	14.0	24.8	G	

OCCUPATIONAL PROJECTIONS 2006-2016
SOUTHERN TIER REGION

Demand List Rev. 7-16-09

SOC CODE	TITLE	Employment		Change		Annual Average Openings				Annual Wages (\$)				Typical Education and Training Requirements ³	Educational Cluster ³	Employment Prospects ⁴	NYS Growth Rate	US Growth Rate	Green Potential
		2006	2016	Level	Percent	Total	Growth	Replacement	Mean	Median	Entry ¹	Experienced ²							
43-6011	Executive Secretaries and Administrative Assistants	2,950	3,240	290	9.8	80	30	50	\$38,040	\$36,570	\$27,240	\$43,450	Moderate-term on-the-job training	HS/SC	Very Favorable	9.8	14.8	G	
43-6013	Medical Secretaries	440	500	60	13.6	20	10	10	\$26,980	\$24,400	\$20,370	\$30,280	Postsecondary vocational training	HS/SC	Very Favorable	11.3	16.7		
43-9061	Office Clerks, General	5,920	6,110	190	3.2	130	20	110	\$24,050	\$22,720	\$16,990	\$27,590	Short-term on-the-job training	HS/SC	Favorable	5.7	12.6	G	
43-9199	Office and Administrative Support Workers, All Other	690	690	0	0.0	20	0	20					Short-term on-the-job training	HS/SC/C	Favorable	-11.9	-9.3		
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,120	1,190	70	6.3	30	10	20	\$55,570	\$50,330	\$38,070	\$64,320	Work experience in a related occupation	HS/SC	Very Favorable	12.9	9.1	G	
47-2021	Brickmasons and Blockmasons	160	180	20	12.5	0	0	0	\$54,120	\$54,050	\$42,590	\$59,880	Long-term on-the-job training	HS	Favorable	16.6	9.7		
47-2031	Carpenters	2,190	2,440	250	11.4	60	30	30	\$37,940	\$35,210	\$25,280	\$44,270	Long-term on-the-job training	HS/SC	Very Favorable	15.2	10.3	G	
47-2051	Cement Masons and Concrete Finishers	120	130	10	8.3	0	0	0	\$37,260	\$33,980	\$19,930	\$45,930	Moderate-term on-the-job training	HS	Favorable	19.6	11.4	G	
47-2061	Construction Laborers	1,770	1,980	210	11.9	30	20	10	\$40,930	\$35,170	\$24,330	\$49,220	Moderate-term on-the-job training	HS	Very Favorable	14.2	10.9	G	
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	60	10	20.0	0	0	0					Moderate-term on-the-job training	HS	Favorable	9.3	9.0		
47-2073	Operating Engineers and Other Construction Equipment Operators	1,000	1,090	90	9.0	30	10	20	\$47,100	\$41,130	\$31,650	\$54,820	Moderate-term on-the-job training	HS/SC	Very Favorable	9.8	8.4	G	
47-2111	Electricians	1,010	1,090	80	7.9	40	10	30	\$53,270	\$51,410	\$34,950	\$62,440	Long-term on-the-job training	HS/SC	Very Favorable	13.8	7.4	G	
47-2152	Plumbers, Pipefitters, and Steamfitters	600	640	40	6.7	10	0	10	\$52,840	\$54,140	\$31,450	\$63,540	Long-term on-the-job training	HS/SC	Very Favorable	17.5	10.6	G	
47-4011	Construction and Building Inspectors	300	350	50	16.7	20	10	10	\$43,420	\$41,590	\$29,860	\$50,200	Work experience in a related occupation	HS/SC/C	Favorable	11.0	18.2	G	
47-4051	Highway Maintenance Workers	2,080	2,130	50	2.4	50	10	40	\$31,840	\$31,860	\$25,410	\$35,060	Moderate-term on-the-job training	HS/SC	Favorable	2.0	8.9		
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	200	210	10	5.0	10	0	10	\$45,600	\$40,920	\$27,200	\$54,810	Long-term on-the-job training	HS/SC	Favorable	-2.1	2.5		
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	270	260	-10	-3.7	10	0	10	\$45,760	\$45,840	\$32,910	\$52,190	Postsecondary vocational training	HS/SC	Least Favorable	-10.3	6.8	G	
49-3011	Aircraft Mechanics and Service Technicians	50	50	0	0.0	0	0	0					Postsecondary vocational training	HS/SC	Least Favorable	5.3	10.6		
49-3021	Automotive Body and Related Repairers	330	330	0	0.0	10	0	10	\$30,450	\$29,640	\$20,620	\$35,370	Long-term on-the-job training	HS/SC	Least Favorable	3.1	11.6		
49-3023	Automotive Service Technicians and Mechanics	1,660	1,760	100	6.0	40	10	30	\$31,530	\$30,080	\$21,580	\$36,500	Postsecondary vocational training	HS/SC	Very Favorable	5.6	14.3		
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	680	710	30	4.4	20	0	20	\$34,860	\$34,480	\$24,540	\$40,020	Postsecondary vocational training	HS/SC	Very Favorable	3.8	11.5	G	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	90	10	12.5	0	0	0	\$29,020	\$28,320	\$24,010	\$31,520	Moderate-term on-the-job training	HS/SC	Favorable	5.8	5.5		
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	420	420	0	0.0	10	0	10	\$36,040	\$33,860	\$24,550	\$41,790	Long-term on-the-job training	HS/SC	Least Favorable	7.1	8.7	G	
49-9041	Industrial Machinery Mechanics	540	560	20	3.7	10	0	10	\$39,690	\$38,580	\$28,680	\$45,190	Long-term on-the-job training	HS/SC	Favorable	-0.6	9.0	G	
49-9042	Maintenance and Repair Workers, General	2,590	2,620	30	1.2	10	0	10	\$32,620	\$31,830	\$22,110	\$37,890	Moderate-term on-the-job training	HS/SC	Less Favorable	5.8	10.1	G	
49-9051	Electrical Power-Line Installers and Repairers	220	220	0	0.0	10	0	10	\$62,770	\$66,570	\$45,500	\$71,410	Long-term on-the-job training	HS/SC	Least Favorable	3.6	7.2	G	
49-9052	Telecommunications Line Installers and Repairers	460	480	20	4.3	10	0	10	\$52,500	\$55,540	\$26,900	\$65,300	Long-term on-the-job training	HS/SC	Very Favorable	0.1	4.6		
49-9098	Helpers--Installation, Maintenance, and Repair Workers	310	320	10	3.2	10	0	10	\$27,910	\$27,530	\$20,920	\$31,410	Short-term on-the-job training	HS/SC	Less Favorable	7.2	11.8	G	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	490	430	-60	-12.2	10	0	10	\$32,760	\$32,840	\$23,800	\$37,240	Moderate-term on-the-job training	HS/SC	Least Favorable	-9.8	-3.0	G	
51-4012	Numerical Tool and Process Control Programmers	90	70	-20	-22.2	0	0	0	\$35,780	\$34,080	\$23,450	\$41,950	Long-term on-the-job training	HS/SC	Least Favorable	-15.7	-8.4		
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	580	500	-80	-13.8	10	0	10	\$25,370	\$23,690	\$18,940	\$28,590	Moderate-term on-the-job training	HS/SC	Favorable	-22.6	-14.9	G	
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	70	50	-20	-28.6	0	0	0	\$29,890	\$27,960	\$20,750	\$34,460	Moderate-term on-the-job training	HS	Least Favorable	-27.1	-22.2		

OCCUPATIONAL PROJECTIONS 2006-2016
SOUTHERN TIER REGION

Demand List Rev. 7-16-09

SOC CODE	TITLE	Employment		Change		Annual Average Openings			Annual Wages (\$)				Typical Education and Training Requirments ³	Educational Cluster ³	Employment Prospects ⁴	NYS Growth Rate	US Growth Rate	Green Potential
		2006	2016	Level	Percent	Total	Growth	Replacement	Mean	Median	Entry ¹	Experienced ²						
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	430	380	-50	-11.6	0	0	0	\$31,890	\$29,270	\$21,060	\$37,310	Moderate-term on-the-job training	HS	Least Favorable	-22.1	-15.7	G
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	160	120	-40	-25.0	0	0	0	\$32,700	\$31,660	\$25,220	\$36,440	Moderate-term on-the-job training	HS/SC	Least Favorable		-23.3	
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-6.7	0	0	0	\$29,580	\$28,450	\$23,090	\$32,830	Moderate-term on-the-job training	HS/SC	Least Favorable	-28.2	-21.0	
51-4041	Machinists	1,100	1,080	-20	-1.8	20	0	20	\$33,340	\$31,500	\$23,400	\$38,310	Long-term on-the-job training	HS/SC	Favorable	-12.2	-3.1	G
51-4111	Tool and Die Makers	300	260	-40	-13.3	0	0	0	\$43,590	\$44,580	\$31,480	\$49,640	Long-term on-the-job training	HS/SC	Least Favorable	-17.7	-9.6	G
51-4121	Welders, Cutters, Solderers, and Brazers	790	770	-20	-2.5	20	0	20	\$32,750	\$31,870	\$22,780	\$37,740	Long-term on-the-job training	HS/SC	Favorable	-0.7	5.1	G
51-7011	Cabinetmakers and Bench Carpenters	160	160	0	0.0	10	0	10	\$29,220	\$28,300	\$19,320	\$34,170	Long-term on-the-job training	HS/SC	Least Favorable	-0.8	2.8	G
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	240	240	0	0.0	10	0	10	\$42,820	\$41,160	\$28,830	\$49,810	Work experience in a related occupation	HS/SC	Least Favorable	4.1	12.5	G
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	440	440	0	0.0	10	0	10	\$49,700	\$48,170	\$33,940	\$57,580	Work experience in a related occupation	HS/SC	Least Favorable	3.3	10.2	G
53-3022	Bus Drivers, School	1,980	2,040	60	3.0	40	10	30	\$28,100	\$27,250	\$21,470	\$31,420	Short-term on-the-job training	HS/SC	Favorable	7.0	9.3	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,010	3,030	20	0.7	50	0	50	\$33,390	\$30,960	\$24,410	\$37,880	Moderate-term on-the-job training	HS/SC	Favorable	0.5	10.4	G
53-4011	Locomotive Engineers	120	130	10	8.3	0	0	0					Moderate-term on-the-job training	HS/SC	Favorable			
53-4031	Railroad Conductors and Yardmasters	120	130	10	8.3	10	0	10					Moderate-term on-the-job training	HS/SC	Favorable	9.6	9.1	

Source: New York State Department of Labor, Division of Research and Statistics

¹ *Entry wage:* The mean (average) of the bottom third of wages in an occupation.

² *Experienced wage:* The mean (average) of the top two-thirds of wages in an occupation.

³ *Typical Education and Training Requirments and Education Cluster* descriptions found here - <http://www.bls.gov/emp/optd/optd001.pdf>

⁴ *Employment Prospects* technical notes found at - <http://www.labor.state.ny.us/workforceindustrydata/lstechdesc.shtm>

Note: Highlighted regional growth rate indicates positive growth greater than that of the state and nation.