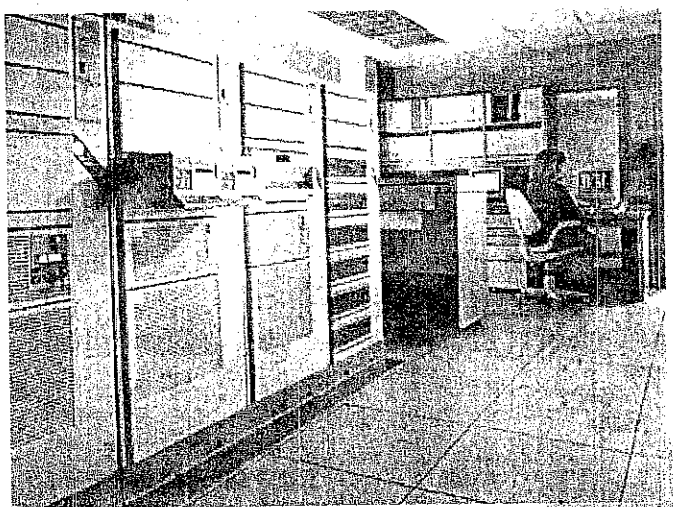

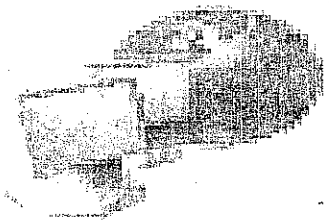

High-Growth, High Wage Jobs in Maine 2004-2014

Center for Workforce Research and Information

Maine Department of Labor

High-Growth, High-Wage Jobs in Maine by Education or Training Requirement for Entry

Sorted by Projected Annual Job Openings

SOC Code	Occupation	Employment 2004	Employment 2014	Growth Rate	Annual Openings	Median Wage	Education/Training Requirement
	High-School Diploma or Less						
53-3032	Truck Drivers, Heavy & Tractor-Trailer	11,188	12,126	8.4%	277	$14.85	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	5,043	5,739	13.8%	202	$21.73	Moderate-term on-the-job training
49-9042	Maintenance & Repair Workers, General	5,726	6,226	8.7%	160	$14.64	Moderate-term on-the-job training
33-2011	Fire Fighters	2,122	2,633	24.1%	113	$16.69	Long-term on-the-job training
33-3051	Police & Sheriff's Patrol Officers	2,186	2,513	15.0%	90	$16.96	Long-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers & Repairers	2,246	2,447	8.9%	76	$21.96	Work experience in a related occupation
31-9091	Dental Assistants	1,021	1,296	26.9%	57	$14.77	Moderate-term on-the-job training
47-2073	Operating Engineers & Other Construction Equipment Operators	1,571	1,710	8.8%	54	$14.73	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning & Refrigeration Mechanics & Installers	1,784	2,074	16.3%	53	$17.37	Long-term on-the-job training
11-9051	Food Service Managers	1,871	2,052	9.7%	49	$19.47	Work experience in a related occupation
41-3099	Sales Representatives, Services, All Other	887	1,089	22.8%	37	$21.05	Moderate-term on-the-job training
11-9081	Lodging Managers	1,030	1,216	18.1%	36	$20.87	Work experience in a related occupation
41-9021	Real Estate Brokers	1,201	1,317	9.7%	36	$41.84	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	864	987	14.2%	35	$22.58	Moderate-term on-the-job training
43-3051	Payroll & Timekeeping Clerks	1,003	1,085	8.2%	35	$13.99	Moderate-term on-the-job training
13-1022	Wholesale & Retail Buyers, Except Farm Products	887	967	9.0%	31	$17.65	Work experience in a related occupation
25-3021	Self-Enrichment Education Teachers	860	1,061	23.4%	31	$14.82	Work experience in a related occupation
51-8031	Water & Liquid Waste Treatment Plant & System Operators	672	751	11.8%	31	$16.39	Long-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	821	919	11.9%	29	$15.07	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine Operators	830	923	11.2%	29	$21.17	Work experience in a related occupation
35-1011	Chefs & Head Cooks	672	752	11.9%	28	$16.98	Work experience in a related occupation

High-Growth, High-Wage Jobs in Maine by Education or Training Requirement for Entry

Sorted by Projected Annual Job Openings

SOC Code	Occupation	Employment 2004	Employment 2014	Growth Rate	Annual Openings	Median Wage	Education/Training Requirement
49-3021	Automotive Body & Related Repairers	1,005	1,086	8.1%	28	$14.17	Long-term on-the-job training
53-3021	Bus Drivers, Transit & Intercity	651	794	22.0%	28	$14.48	Moderate-term on-the-job training
53-7032	Excavating & Loading Machine & Dragline Operators	777	834	7.3%	27	$15.28	Moderate-term on-the-job training
43-5031	Police, Fire & Ambulance Dispatchers	703	805	14.5%	25	$15.45	Moderate-term on-the-job training
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	790	867	9.7%	24	$21.20	Long-term on-the-job training
13-1051	Cost Estimators	651	726	11.5%	23	$21.25	Work experience in a related occupation
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety & Transportation	639	707	10.6%	22	$20.47	Long-term on-the-job training
41-3011	Advertising Sales Agents	647	734	13.4%	22	$15.54	Moderate-term on-the-job training
33-1012	First-Line Supervisors/Managers of Police & Detectives	412	468	13.6%	20	$23.95	Work experience in a related occupation
11-3071	Transportation, Storage & Distribution Managers	612	669	9.3%	18	$28.78	Work experience in a related occupation
47-4041	Hazardous Materials Removal Workers	388	434	11.9%	15	$15.61	Moderate-term on-the-job training
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	226	273	20.8%	14	$20.68	Work experience in a related occupation
33-3021	Detectives & Criminal Investigators	326	369	13.2%	13	$24.04	Work experience in a related occupation
47-4011	Construction & Building Inspectors	350	403	15.1%	13	$19.34	Work experience in a related occupation
13-1021	Purchasing Agents & Buyers, Farm Products	219	245	11.9%	11	$19.68	Work experience in a related occupation
27-3091	Interpreters & Translators	252	334	32.5%	11	$15.64	Long-term on-the-job training
31-1013	Psychiatric Aides	367	428	16.6%	11	$14.00	Short-term on-the-job training
45-1011	First-Line Supervisors/Managers of Farming, Fishing & Forestry Workers	329	357	8.5%	11	$21.63	Work experience in a related occupation
29-2081	Opticians, Dispensing	309	350	13.3%	9	$14.23	Long-term on-the-job training
33-9021	Private Detectives & Investigators	223	249	11.7%	8	$17.41	Work experience in a related occupation
53-4031	Railroad Conductors & Yardmasters	134	170	26.9%	8	$28.03	Moderate-term on-the-job training
49-3051	Motorboat Mechanics	159	188	18.2%	7	$16.25	Long-term on-the-job training
53-4011	Locomotive Engineers	113	128	13.3%	5	$27.95	Moderate-term on-the-job training
33-1011	First-Line Supervisors/Managers of Correctional Officers	84	92	9.5%	4	$21.50	Work experience in a related occupation

High-Growth, High-Wage Jobs in Maine by Education or Training Requirement for Entry

Sorted by Projected Annual Job Openings

SOC Code	Occupation	Employment 2004	Employment 2014	Growth Rate	Annual Openings	Median Wage	Education/Training Requirement
43-4011	Brokerage Clerks	137	161	17.5%	4	$16.17	Moderate-term on-the-job training
47-2044	Tile & Marble Setters	105	129	22.9%	4	$14.86	Long-term on-the-job training
47-2121	Glaziers	112	128	14.3%	4	$16.04	Long-term on-the-job training
51-5021	Job Printers	129	140	8.5%	4	$14.23	Long-term on-the-job training
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	68	76	11.8%	3	$14.56	Moderate-term on-the-job training
53-2021	Air Traffic Controllers	63	70	11.1%	3	$46.60	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	58	63	8.6%	2	$23.20	Long-term on-the-job training
13-1061	Emergency Management Specialists	54	65	20.4%	2	$17.98	Work experience in a related occupation
27-4011	Audio & Video Equipment Technicians	52	56	7.7%	1	$16.40	Long-term on-the-job training
	Post-Secondary Education Less Than Bachelor's Degree						
29-1111	Registered Nurses	13,837	16,613	20.1%	568	$25.74	Associate degree
49-3023	Automotive Service Technicians & Mechanics	4,832	5,482	13.5%	194	$14.34	Postsecondary vocational training
41-9022	Real Estate Sales Agents	1,112	1,452	30.6%	56	$14.21	Postsecondary vocational training
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,443	1,599	10.8%	53	$15.85	Postsecondary vocational training
15-1041	Computer Support Specialists	1,713	1,885	10.0%	38	$17.92	Associate degree
29-2034	Radiologic Technologists & Technicians	991	1,179	19.0%	38	$22.88	Associate degree
43-6012	Legal Secretaries	1,267	1,409	11.2%	38	$16.22	Postsecondary vocational training
23-2011	Paralegals & Legal Assistants	938	1,156	23.2%	30	$19.59	Associate degree
29-2012	Medical & Clinical Laboratory Technicians	629	750	19.2%	29	$16.04	Associate degree
29-2021	Dental Hygienists	813	1,030	26.7%	29	$26.66	Associate degree
13-2021	Appraisers & Assessors of Real Estate	667	751	12.6%	22	$20.02	Postsecondary vocational training
29-1126	Respiratory Therapists	422	503	19.2%	22	$23.01	Associate degree
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	703	767	9.1%	21	$17.74	Postsecondary vocational training
17-3023	Electrical & Electronic Engineering Technicians	532	577	8.5%	16	$21.84	Associate degree
31-2021	Physical Therapist Assistants	301	406	34.9%	16	$18.15	Associate degree
29-2055	Surgical Technologists	350	405	15.7%	11	$16.12	Postsecondary vocational training

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Sorted by Projected Annual Job Openings

SOC Code	Occupation	Employment 2004	Employment 2014	Growth Rate	Annual Openings	Median Wage	Education/Training Requirement
49-3011	Aircraft Mechanics & Service Technicians	282	309	9.6%	10	$18.75	Postsecondary vocational training
43-9031	Desktop Publishers	203	244	20.2%	9	$16.63	Postsecondary vocational training
11-9061	Funeral Directors	179	209	16.8%	8	$20.11	Associate degree
29-2031	Cardiovascular Technologists & Technicians	229	271	18.3%	8	$24.34	Associate degree
29-2032	Diagnostic Medical Sonographers	139	167	20.1%	6	$29.69	Associate degree
19-4031	Chemical Technicians	134	146	9.0%	4	$15.91	Associate degree
17-3025	Environmental Engineering Technicians	89	98	10.1%	3	$19.52	Associate degree
49-2098	Security & Fire Alarm Systems Installers	115	129	12.2%	3	$19.63	Postsecondary vocational training
49-9062	Medical Equipment Repairers	73	81	11.0%	3	$22.56	Associate degree
17-3027	Mechanical Engineering Technicians	57	64	12.3%	2	$19.38	Associate degree
19-4092	Forensic Science Technicians	37	46	24.3%	2	*$14.67*	Associate degree
29-1124	Radiation Therapists	63	71	12.7%	2	$27.77	Associate degree
29-2033	Nuclear Medicine Technologists	70	80	14.3%	2	$28.67	Associate degree
31-2011	Occupational Therapist Assistants	83	96	15.7%	2	$19.65	Associate degree
49-2021	Radio Mechanics	30	35	16.7%	2	*$16.28*	Postsecondary vocational training
19-4041	Geological & Petroleum Technicians	18	20	11.1%	1	$16.52	Associate degree
	Bachelor's Degree or Higher						
11-1021	General & Operations Managers	10,273	11,583	12.8%	325	$34.95	Bachelor's degree plus work experience
13-1199	Business Operations Specialists, All Other	3,710	4,528	22.0%	145	$24.42	Bachelor's degree
21-1023	Mental Health & Substance Abuse Social Workers	2,011	2,502	24.4%	83	$18.71	Master's degree
11-3031	Financial Managers	2,832	3,164	11.7%	74	$31.15	Bachelor's degree plus work experience
23-1011	Lawyers	2,972	3,326	11.9%	73	$37.87	First professional degree
21-1021	Child, Family & School Social Workers	2,153	2,489	15.6%	71	$17.36	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten & Elementary School	1,476	1,684	14.1%	56	$41,280	Bachelor's degree
11-9111	Medical & Health Services Managers	1,544	1,794	16.2%	55	$31.63	Bachelor's degree plus work experience

High-Growth, High-Wage Jobs in Maine by Education or Training Requirement for Entry

Sorted by Projected Annual Job Openings

SOC Code	Occupation	Employment 2004	Employment 2014	Growth Rate	Annual Openings	Median Wage	Education/Training Requirement
11-9151	Social & Community Service Managers	1,370	1,643	19.9%	53	$22.94	Bachelor's degree
11-9141	Property, Real Estate & Community Association Managers	938	1,219	30.0%	46	$22.10	Bachelor's degree
11-2022	Sales Managers	1,309	1,500	14.6%	43	$33.46	Bachelor's degree plus work experience
29-2011	Medical & Clinical Laboratory Technologists	834	1,020	22.3%	42	$22.21	Bachelor's degree
29-1051	Pharmacists	985	1,193	21.1%	40	$49.79	First professional degree
11-1011	Chief Executives	1,387	1,512	9.0%	39	$47.23	Bachelor's degree plus work experience
21-1014	Mental Health Counselors	850	1,054	24.0%	39	$19.31	Master's degree
15-1071	Network & Computer Systems Administrators	993	1,253	26.2%	37	$25.59	Bachelor's degree
15-1031	Computer Software Engineers, Applications	978	1,229	25.7%	35	$30.87	Bachelor's degree
29-1071	Physician Assistants	736	974	32.3%	35	$37.78	Bachelor's degree
29-1123	Physical Therapists	1,094	1,320	20.7%	34	$27.65	Master's degree
11-3021	Computer & Information Systems Managers	1,026	1,151	12.2%	32	$36.71	Bachelor's degree plus work experience
13-1073	Training & Development Specialists	1,026	1,173	14.3%	31	$19.78	Bachelor's degree
15-1051	Computer Systems Analysts	1,186	1,365	15.1%	31	$31.73	Bachelor's degree
11-3011	Administrative Services Managers	1,079	1,166	8.1%	30	$25.59	Bachelor's degree plus work experience
15-1081	Network Systems & Data Communications Analysts	521	736	41.3%	28	$31.21	Bachelor's degree
29-1069	Physicians & Surgeons, All Other	1,268	1,378	8.7%	28	*$70.00*	First professional degree
11-2021	Marketing Managers	748	879	17.5%	27	$33.52	Bachelor's degree plus work experience
19-3031	Clinical, Counseling & School Psychologists	776	879	13.3%	27	$25.72	Doctoral degree
41-3031	Securities, Commodities & Financial Services Sales Agents	879	1,052	19.7%	27	$30.23	Bachelor's degree
21-1022	Medical & Public Health Social Workers	617	742	20.3%	24	$17.88	Bachelor's degree
11-9011	Farm, Ranch & Other Agricultural Managers	518	625	20.7%	20	$30.95	Bachelor's degree plus work experience
21-1011	Substance Abuse & Behavioral Disorder Counselors	458	546	19.2%	20	$17.14	Master's degree
29-1131	Veterinarians	422	519	23.0%	20	$32.56	First professional degree
29-1062	Family & General Practitioners	782	860	10.0%	19	$62.65	First professional degree
29-1122	Occupational Therapists	649	753	16.0%	19	$24.85	Master's degree

High-Growth, High-Wage Jobs in Maine by Education or Training Requirement for Entry

Sorted by Projected Annual Job Openings

SOC Code	Occupation	Employment 2004	Employment 2014	Growth Rate	Annual Openings	Median Wage	Education/Training Requirement
13-1072	Compensation, Benefits & Job Analysis Specialists	735	807	9.8%	18	$20.85	Bachelor's degree
27-3041	Editors	543	588	8.3%	18	$17.69	Bachelor's degree
27-3043	Writers & Authors	497	572	15.1%	17	$21.20	Bachelor's degree
13-2052	Personal Financial Advisors	534	625	17.0%	16	$43.84	Bachelor's degree
25-2042	Special Education Teachers, Middle School	452	505	11.7%	16	$40,720	Bachelor's degree
27-1024	Graphic Designers	703	768	9.2%	16	$15.35	Bachelor's degree
27-3031	Public Relations Specialists	573	650	13.4%	16	$20.65	Bachelor's degree
11-2011	Advertising & Promotions Managers	388	463	19.3%	15	$25.01	Bachelor's degree plus work experience
29-1011	Chiropractors	386	451	16.8%	14	$28.44	First professional degree
15-1032	Computer Software Engineers, Systems Software	324	420	29.6%	13	$33.56	Bachelor's degree
25-1194	Vocational Education Teachers, Postsecondary	316	375	18.7%	13	$20.96	Bachelor's degree plus work experience
25-9031	Instructional Coordinators	339	417	23.0%	13	$22.98	Master's degree
13-1079	Human Resources, Training & Labor Relations Specialists, All Other	352	414	17.6%	12	$21.34	Bachelor's degree
15-1061	Database Administrators	321	415	29.3%	12	$27.12	Bachelor's degree
17-2081	Environmental Engineers	332	393	18.4%	12	$31.75	Bachelor's degree
19-3021	Market Research Analysts	263	308	17.1%	12	$24.89	Bachelor's degree
21-1091	Health Educators	349	413	18.3%	12	$17.06	Master's degree
25-1011	Business Teachers, Postsecondary	341	378	10.9%	12	$46,690	Master's degree
29-1031	Dietitians & Nutritionists	284	327	15.1%	11	$20.88	Bachelor's degree
13-1071	Employment, Recruitment & Placement Specialists	407	451	10.8%	10	$21.03	Bachelor's degree
25-1071	Health Specialties Teachers, Postsecondary	259	299	15.4%	10	$53,400	Master's degree
11-3049	Human Resources Managers, All Other	353	384	8.8%	9	$31.79	Bachelor's degree plus work experience
13-2051	Financial Analysts	337	380	12.8%	9	$29.56	Bachelor's degree
25-1072	Nursing Instructors & Teachers, Postsecondary	252	284	12.7%	9	$51,750	Doctoral degree
25-1123	English Language & Literature Teachers, Postsecondary	272	306	12.5%	9	$47,800	Master's degree

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11-3041	Compensation & Benefits Managers	296	325	9.8%	8	$31.08	Bachelor's degree plus work experience
11-2031	Public Relations Managers	249	281	12.9%	7	$28.20	Bachelor's degree plus work experience
11-3042	Training & Development Managers	184	222	20.7%	7	$31.15	Bachelor's degree plus work experience
17-1011	Architects, Except Landscape & Naval	369	402	8.9%	7	$27.03	Bachelor's degree
25-1042	Biological Science Teachers, Postsecondary	187	212	13.4%	7	$58,810	Doctoral degree
27-1014	Multi-Media Artists & Animators	188	214	13.8%	7	$19.04	Bachelor's degree
29-1125	Recreational Therapists	200	217	8.5%	7	$16.85	Bachelor's degree
11-9031	Education Administrators, Preschool & Child Care Center/Program	168	192	14.3%	6	$17.57	Bachelor's degree plus work experience
11-9121	Natural Sciences Managers	203	221	8.9%	6	$35.77	Bachelor's degree plus work experience
13-1121	Meeting & Convention Planners	156	185	18.6%	6	$15.92	Bachelor's degree
25-1022	Mathematical Science Teachers, Postsecondary	197	221	12.2%	6	$49,060	Master's degree
25-1126	Philosophy & Religion Teachers, Postsecondary	159	181	13.8%	6	$43,260	Doctoral degree
41-9031	Sales Engineers	140	157	12.1%	6	$31.12	Bachelor's degree
15-2031	Operations Research Analysts	162	175	8.0%	5	$30.80	Master's degree
19-3051	Urban & Regional Planners	113	126	11.5%	5	$25.27	Master's degree
25-1124	Foreign Language & Literature Teachers, Postsecondary	120	137	14.2%	5	$44,680	Master's degree
25-1125	History Teachers, Postsecondary	110	125	13.6%	5	$54,940	Doctoral degree
27-1011	Art Directors	130	151	16.2%	5	$25.19	Bachelor's degree plus work experience
27-2012	Producers & Directors	161	190	18.0%	5	$17.51	Bachelor's degree plus work experience
29-1041	Optometrists	106	126	18.9%	5	$45.56	First professional degree
29-1065	Pediatricians, General	200	219	9.5%	5	$66.75	First professional degree
13-2031	Budget Analysts	178	192	7.9%	4	$26.29	Bachelor's degree
19-1021	Biochemists & Biophysicists	66	84	27.3%	4	$29.22	Doctoral degree
19-2043	Hydrologists	89	108	21.3%	4	$33.10	Master's degree
25-1066	Psychology Teachers, Postsecondary	110	124	12.7%	4	$54,120	Doctoral degree

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		2004	2014				
25-3011	Adult Literacy, Remedial Education & GED Teachers & Instructors	185	200	8.1%	4	$18.90	Bachelor's degree
29-1066	Psychiatrists	166	190	14.5%	4	$67.94	First professional degree
13-2061	Financial Examiners	73	80	9.6%	3	$26.81	Bachelor's degree
25-1021	Computer Science Teachers, Postsecondary	104	116	11.5%	3	$47,070	Master's degree
25-1052	Chemistry Teachers, Postsecondary	79	90	13.9%	3	$57,790	Doctoral degree
25-1063	Economics Teachers, Postsecondary	85	96	12.9%	3	$66,400	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	68	77	13.2%	3	$56,670	Doctoral degree
27-3042	Technical Writers	62	70	12.9%	3	$23.78	Bachelor's degree
27-4032	Film & Video Editors	65	81	24.6%	3	$18.69	Bachelor's degree
29-9091	Athletic Trainers	76	90	18.4%	3	$36,720	Bachelor's degree
17-1012	Landscape Architects	89	96	7.9%	2	$27.24	Bachelor's degree
19-1013	Soil & Plant Scientists	57	63	10.5%	2	$26.13	Bachelor's degree
19-3022	Survey Researchers	47	57	21.3%	2	$23.10	Bachelor's degree
21-1013	Marriage & Family Therapists	34	40	17.6%	2	$15.31	Master's degree
25-1053	Environmental Science Teachers, Postsecondary	41	48	17.1%	2	$53,580	Doctoral degree
25-1054	Physics Teachers, Postsecondary	58	65	12.1%	2	$67,470	Doctoral degree
25-1061	Anthropology & Archeology Teachers, Postsecondary	44	51	15.9%	2	$70,170	Doctoral degree
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	39	44	12.8%	2	$45,150	Doctoral degree
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	63	72	14.3%	2	$51,310	Master's degree
25-4011	Archivists	33	36	9.1%	1	$18.92	Master's degree

Source: Maine Department of Labor, Center for Workforce Research & Information.

Notes: 1. High-Growth High-Wage Criteria: Projected job growth above 7.2 percent between 2004 & 2014 & a median wage of above $13.76 per hour ($28,621 annually) in 2006. 2. Some occupations are not listed due to statistical validity & non-disclosure constraints; some of those occupations have significant employment in Maine. 3. Median wage rates of $70.00 per hour ($145,600 annually) or above are noted in italics. This represents the upper limit of the wage analysis program. 4. Some wage rates were not published in 2006, that were available for 2005. Substitutions of 2005 data appear in italics.