

***Snohomish County  
Workforce Development Area  
Labor Market Information  
by  
Career Cluster***

*Prepared for:*  
***NEVAC Skills Center Feasibility Study  
November 2006***

*by*  
***CTE Services  
Olympia, WA***

	<b>2005</b>	<b>Estimated</b>		
Agriculture & Nat. Resources	5,791	6,536	745	11.4%
Architectural & Construction	28,512	33,236	4,724	14.2%
Art & Technology	5,866	6,362	496	7.8%
Business & Admin.	32,383	37,969	5,586	14.7%
Education & Training	11,584	13,495	1,911	14.2%
Finance & Insurance	7,917	9,095	1,178	13.0%
Govt. & Public Admin	854	980	126	12.8%
Health Sciences	12,860	15,226	2,366	15.5%
Hospitality & Tourism	28,886	32,956	4,070	12.3%
Human Services	5,311	6,028	717	11.9%
Information Technology	4,499	5,376	877	16.3%
Law & Safety	4,771	5,464	693	12.7%
Manufacturing	12,547	13,711	1,164	8.5%
Retail & Wholesale Trade	40,177	44,878	4,701	10.5%
Science, Research & Engineering	2,784	3,369	585	17.4%
Transportation, Dist. & Logistics	14,888	17,059	2,171	12.7%
<b>Total</b>	<b>219,630</b>	<b>251,741</b>	<b>32,111</b>	<b>12.8%</b>

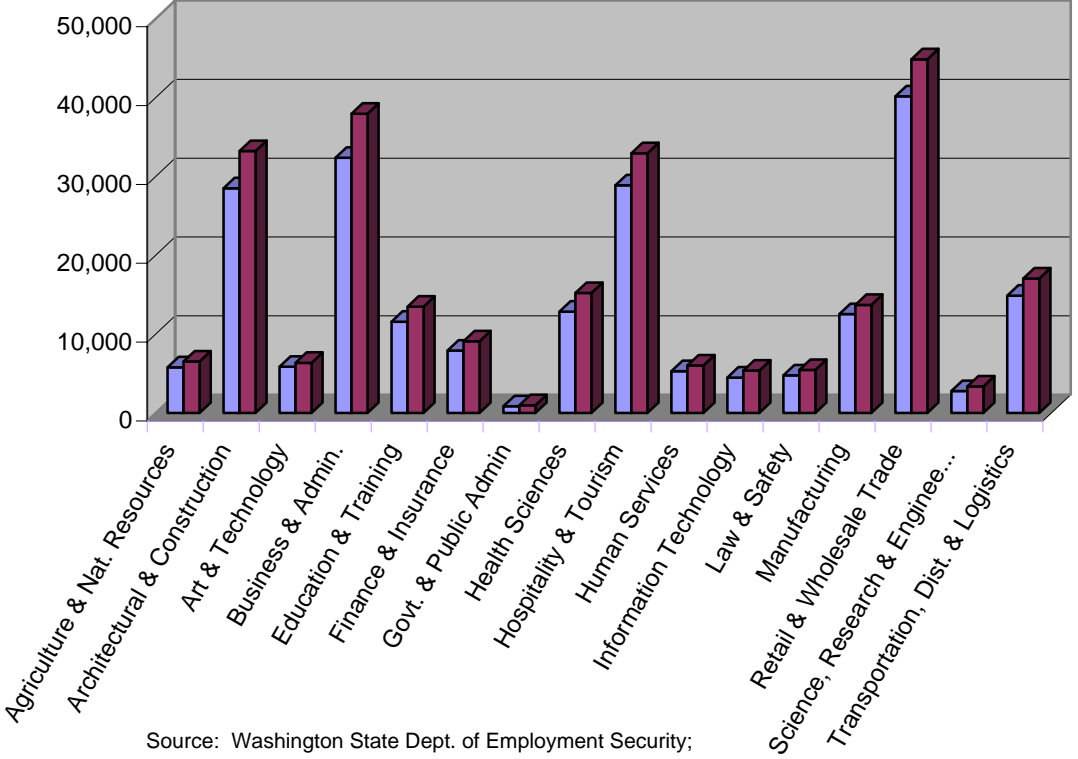
# Snohomish County 2005-2014 Employment Growth

No. of Jobs

by  
Career Cluster

■ 2005 Employment  
Total = 219,630  
Jobs

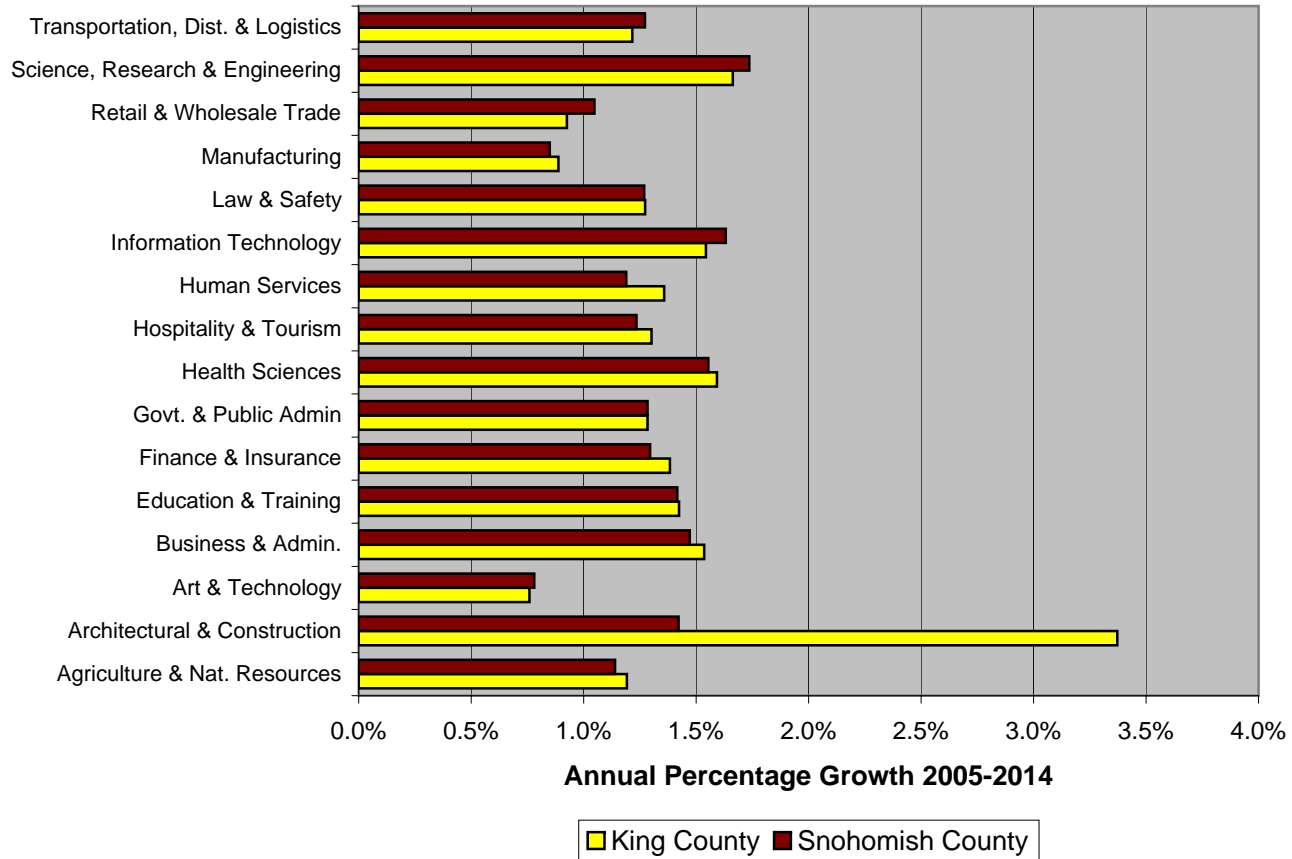
■ Estimated 2014  
Employment  
Total = 251,741  
Jobs



Source: Washington State Dept. of Employment Security;  
Workforce Explorer, Nov. 2006

Source: Washington State Dept. of  
Employment Security; Workforce  
Explorer, Nov. 2006

### King and Snohomish County Projected Employment Growth by Career Cluster



**SNOHOMISH COUNTY LABOR MARKET INFORMATION**  
**by**  
**Occupational Career Cluster**

**AGRICULTURE AND NATURAL RESOURCES:** The production, processing, marketing, distribution, financing and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture and other plant and animal products/resources.

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Landscaping and Groundskeeping Workers ( <i>In Demand</i> )	Little or No	2,013	97	\$11.98	20.1
Farmworkers Farm and Ranch Animals	Little or No	91	4	\$10.47	9.3
Farmworkers and Laborers Crop Nursery and Greenhouse	Little or No	51	2	\$8.35	24.5
Logging Equipment Operators	Some	137	5	\$10.41	19.3
Log Graders and Scalers	Some	39	1	\$19.77	27.7
Sales Rep. Wholesale, Manufacturing Technical and Scientific ( <i>In Demand</i> )	Medium	647	22	\$33.99	11
Supervisors/Managers of Landscaping Lawn Service and Groundskeepers	Medium	329	12	\$26.00	13.8
Water and Liquid Waste Treatment Plant and System Operators	Medium	94	5	\$25.54	2
Animal Trainers	Medium	67	2	\$10.58	4.1
Supervisors/Managers of Farming Fishing and Forestry Workers	Medium	76	2	\$22.42	17.2
Supervisors/Managers of Construction Trades and Extraction Workers ( <i>In Demand</i> )	Considerable	2,065	114	\$31.43	27.4
Landscape Architects	Considerable	32	1	\$25.25	4.3
Foresters	Considerable	19	1	\$28.07	6.4
Agricultural Inspectors	Considerable	12	0	\$22.86	7.7
Environmental Engineers	Extensive	50	3	\$39.11	5.3
Zoologists and Wildlife Biologists	Extensive	48	2	\$25.77	18.3
Soil and Plant Scientists	Extensive	21	1	\$25.88	13.1
<b>Total</b>		<b>5,791</b>	<b>274</b>		
<b>Estimated 2014 Employment</b>		<b>6,536</b>			
		<b>2004-2014 Increase = 12.9%</b>			

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**ARCHITECTURAL and CONSTRUCTION:** Careers in designing, planning, managing, building and maintaining the built environment.

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Helpers--Carpenters (In Demand)	Little or No	541	48	\$14.42	25.3
Carpenters ( <i>In Demand</i> )	Some	4,506	254	\$20.04	22.6
Construction Laborers ( <i>In Demand</i> )	Some	3,412	192	\$15.92	28
Drywall and Ceiling Tile Installers ( <i>In Demand</i> )	Some	342	23	\$22.34	19
Tapers ( <i>In Demand</i> )	Some	252	17	\$24.22	26.3
Helpers--Installation Maintenance and Repair Workers	Some	264	15	\$10.19	27
Excavating and Loading Machine and Dragline Operators	Some	234	15	\$24.12	14.3
Helpers--Electricians ( <i>In Demand</i> )	Some	80	7	\$13.29	24.4
Pipelayers	Some	107	7	\$16.12	26
Telecommunications Equipment Installers and Repairers Except Line Installers	Some	95	4	\$24.93	16.1
Control and Valve Installers and Repairers Except Mechanical Door	Some	43	2	\$21.25	12.2
Tile and Marble Setters	Some	28	2	\$20.39	11
Maintenance and Repair Workers General ( <i>In Demand</i> )	Medium	1,894	76	\$18.91	13.2
Roofers ( <i>In Demand</i> )	Medium	982	71	\$17.54	12.1
Plumbers Pipefitters and Steamfitters	Medium	1,020	68	\$21.40	17.9
Electricians	Medium	1,156	65	\$26.63	19.3
Construction Managers	Medium	1,120	62	\$47.73	9.2
Operating Engineers and Other Construction Equipment Operators ( <i>In Demand</i> )	Medium	724	45	\$24.41	19.4
Cabinetmakers and Bench Carpenters ( <i>In Demand</i> )	Medium	550	29	\$14.77	13.9
Cement Masons and Concrete Finishers	Medium	294	18	\$16.46	17.6
Structural Iron and Steel Workers	Medium	297	18	\$22.60	17
Glaziers	Medium	277	17	\$15.90	16.1
Heating Air Conditioning and Refrigeration Mechanics and Installers	Medium	317	13	\$26.14	16.3
Architectural and Civil Drafters ( <i>In Demand</i> )	Medium	161	11	\$20.15	12
Riggers	Medium	164	6	\$22.28	12.3
Surveyors	Medium	59	4	\$30.25	4
Telecommunications Equipment Installers and Repairers Except Line Installers	Medium	95	4	\$24.93	17.3
Control and Valve Installers and Repairers Except Mechanical Door	Medium	43	2	\$21.25	29.1
Carpenters (In Demand)	Considerable	4,506	254	\$20.04	17
Painters Construction and Maintenance (In Demand)	Considerable	2,065	123	\$19.23	23.3

<b>ARCHITECTURAL and CONSTRUCTION (Contd.)</b>	<b>Preparation</b>	<b>2005 Employment</b>	<b>Projected Annual Openings</b>	<b>Median 2005 Wage</b>	<b>Projected Growth % 2004-2014</b>
Supervisors/Managers of Construction Trades and Extraction Workers	Considerable	2,065	114	\$31.43	9.4
Cost Estimators ( <i>In Demand</i> )	Considerable	556	39	\$28.54	19.3
Electrical Power-Line Installers and Repairers	Considerable	161	8	\$30.15	2
Electrical and Electronics Drafters	Considerable	83	4	\$20.93	2.2
Plasterers and Stucco Masons	Considerable	19	1	\$24.23	6.7
<b>Total</b>		<b>28,512</b>	<b>1,638</b>		
		<b>Estimated 2014 Employment</b>	<b>33,236</b>		
		<b>2004-2014 Increase = 16.6%</b>			

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**ART, A/V TECHNOLOGY and COMMUNICATION:** Designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Ushers Lobby Attendants and Ticket Takers ( <i>In Demand</i> )	Little or No	423	44	\$8.66	17
Laborers and Freight Stock and Material Movers Hand ( <i>In Demand</i> )	Little or No	3,154	211	\$11.15	-35.1
Photographic Processing Machine Operators	Little or No	92	4	\$10.70	28.2
Photographers	Medium	168	10	\$17.06	-5.1
Writers and Authors	Medium	84	2	\$21.50	1.2
Public Address System and Other Announcers	Medium	33	1	\$12.99	21.1
Graphic Designers	Considerable	448	12	\$20.74	3.2
Fine Artists Including Painters Sculptors and Illustrators	Considerable	279	8	\$19.98	9.1
Technical Writers	Considerable	108	7	\$26.58	13
Editors	Considerable	105	6	\$28.93	31.2
Printing Machine Operators	Considerable	238	6	\$16.44	19.8
Photographic Process Workers	Considerable	119	5	\$11.09	3.2
Producers and Directors	Considerable	122	4	\$19.16	9.1
Commercial and Industrial Designers	Considerable	130	4	\$23.67	13
Writers and Authors	Considerable	84	2	\$21.50	31.2
Prepress Technicians and Workers	Considerable	96	2	\$15.74	19
Choreographers	Extensive	31	3	\$25.29	1.1
Prepress Technicians and Workers	Extensive	96	2	\$15.74	3.1
Job Printers	Extensive	56	2	\$12.83	17.2
	<b>Total</b>	<b>5,866</b>	<b>335</b>		
		<b>Estimated 2014 Employment</b>	<b>6,362</b>		
			<b>2004-2014 Increase = 8.5%</b>		

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**BUSINESS and ADMINISTRATION:** Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Office Machine Operators Except Computer <i>(In Demand)</i>	Little or No	157	8	\$17.42	18
Mail Clerks and Mail Machine Operators Except Postal Service	Little or No	120	6	\$15.15	17.6
Stock Clerks and Order Fillers <i>(In Demand)</i>	Some	3,429	295	\$12.22	12.4
Office Clerks General	Some	3,818	164	\$13.06	16.6
Customer Service Representatives <i>(In Demand)</i>	Some	2,468	83	\$14.88	19.9
Receptionists and Information Clerks <i>(In Demand)</i>	Some	1,424	69	\$11.06	11.2
Secretaries Except Legal Medical and Executive <i>(In Demand)</i>	Some	1,792	68	\$14.67	20.7
Medical Secretaries	Some	1,177	47	\$16.92	11.7
Shipping Receiving and Traffic Clerks <i>(In Demand)</i>	Some	1,181	45	\$13.72	26.7
Billing and Posting Clerks and Machine Operators <i>(In Demand)</i>	Some	1,059	40	\$16.10	23
Couriers and Messengers <i>(In Demand)</i>	Some	286	19	\$11.90	15.1
Order Clerks	Some	543	16	\$17.55	21.7
Data Entry Keyers	Some	268	15	\$13.86	13.4
Switchboard Operators Including Answering Service <i>(In Demand)</i>	Some	234	11	\$13.00	13.6
Word Processors and Typists	Some	87	5	\$14.41	13
Bookkeeping Accounting and Auditing Clerks <i>(In Demand)</i>	Medium	3,281	130	\$15.89	15.1
Executive Secretaries and Administrative Assistants <i>(In Demand)</i>	Medium	1,426	78	\$20.09	15.6
Supervisors/Managers of Office and Administrative Support Workers <i>(In Demand)</i>	Medium	1,785	70	\$24.13	18.1
Billing and Posting Clerks and Machine Operators	Medium	1,059	40	\$16.10	17.9
Payroll and Timekeeping Clerks	Medium	378	21	\$17.66	27
File Clerks	Medium	267	14	\$11.44	14.6
Interviewers Except Eligibility and Loan	Medium	283	14	\$13.69	16.6
Human Resources Assistants Except Payroll and Timekeeping	Medium	313	13	\$18.13	19.2
Supervisors/Managers of Housekeeping and Janitorial Workers <i>(In Demand)</i>	Medium	279	13	\$19.98	22.3
Employment Recruitment and Placement Specialists <i>(In Demand)</i>	Medium	290	12	\$20.27	11.7
Legal Secretaries	Medium	219	8	\$10.51	22.2
Procurement Clerks <i>(In Demand)</i>	Medium	121	7	\$14.05	14.3
Accountants and Auditors <i>(In Demand)</i>	Considerable	1,718	71	\$27.56	14.8
General and Operations Managers <i>(In Demand)</i>	Considerable	1,451	58	\$54.84	14.3
Employment Recruitment and Placement Specialists <i>(In Demand)</i>	Considerable	290	12	\$20.27	15.2
Administrative Services Managers	Considerable	232	10	\$39.30	20.5
Public Relations Specialists	Considerable	238	9	\$28.61	18.4

<b>BUSINESS and ADMINISTRATION (Contd.)</b>	<b>Preparation</b>	<b>2005 Employment</b>	<b>Projected Annual Openings</b>	<b>Median 2005 Wage</b>	<b>Projected Growth % 2004-2014</b>
Training and Development Specialists	Considerable	247	8	\$27.65	28.5
Compensation Benefits and Job Analysis Specialists	Considerable	111	4	\$25.90	15.9
Public Relations Managers	Considerable	52	2	\$42.83	16.2
Operations Research Analysts	Considerable	39	2	\$24.91	14.7
Meeting and Convention Planners	Considerable	33	1	\$17.89	18.6
Training and Development Managers	Considerable	20	1	\$42.93	20.7
Chief Executives	Extensive	208	7	\$0.00	18.8
<b>Total</b>		<b>32,383</b>	<b>1,496</b>		

**Estimated 2014 Employment 37,969**  
**2004-2014 Increase = 17.3%**

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**EDUCATION and TRAINING: Planning, managing and providing education and training services and related learning support services.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Teacher Assistants <i>(In Demand)</i>	Medium	3247	114	\$27,228 yr	16.3
Fitness Trainers and Aerobics Instructors <i>(In Demand)</i>	Medium	424	18	\$18.21	19.8
Preschool Teachers Except Special Education	Medium	397	13	\$11.30	13.9
Elementary School Teachers Except Special Education <i>(In Demand)</i>	Considerable	2123	79	\$50,244 yr	13.6
Secondary School Teachers Except Special and Vocational Education <i>(In Demand)</i>	Considerable	1139	50	\$52,222 yr	16.7
Middle School Teachers Except Special and Vocational Education <i>(In Demand)</i>	Considerable	1201	45	\$49,596 yr	16.7
Vocational Education Teachers Postsecondary <i>(In Demand)</i>	Considerable	447	17	\$20.83	16.7
Vocational Education Teachers Secondary School	Considerable	292	13	\$49,428 yr	16.9
Special Education Teachers Preschool Kindergarten and Elementary School	Considerable	277	11	\$49,639 yr	15.2
Self-Enrichment Education Teachers	Considerable	271	8	\$17.51	15.4
Kindergarten Teachers Except Special Education	Considerable	258	7	\$47,320 yr	17
Special Education Teachers Secondary School	Considerable	170	7	\$51,228 yr	16.8
Special Education Teachers Middle School	Considerable	118	5	\$49,455 yr	16.7
Education Administrators Preschool and Child Care Center/Program	Considerable	42	2	\$26.48	16.7
Education Administrators Elementary and Secondary School <i>(In Demand)</i>	Extensive	332	13	\$90,985 yr	16.7
Librarians	Extensive	358	13	\$29.09	19.2
Educational Vocational and School Counselors	Extensive	227	9	\$26.36	15.1
Instructional Coordinators	Extensive	87	3	\$38.86	16.7
Health Educators	Extensive	44	2	\$30.99	16.5
Business Teachers Postsecondary	Extensive	61	2	\$35,319 yr	16.7
Mathematical Science Teachers Postsecondary	Extensive	38	1	\$39,557 yr	16.7
History Teachers Postsecondary	Extensive	18	1	\$38,323 yr	16.7
Political Science Teachers Postsecondary	Extensive	13	0	\$34,848 yr	16.8
<b>Total</b>		<b>11,584</b>	<b>433</b>		

**Estimated 2014 Employment 13,495**  
**2004-2014 Increase = 16.5%**

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**FINANCE and INSURANCE: Planning services for financial and investment planning, banking, insurance and business financial management.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Credit Authorizers Checkers and Clerks	Little or No	65	3	\$15.86	10.6
Tellers <i>(In Demand)</i>	Some	747	55	\$12.28	11.9
Insurance Claims and Policy Processing Clerks	Some	710	21	\$15.22	9.4
Loan Interviewers and Clerks <i>(In Demand)</i>	Some	568	17	\$17.64	9.9
New Accounts Clerks	Some	153	6	\$13.13	17.8
Brokerage Clerks	Some	37	1	\$17.25	12
Billing and Posting Clerks and Machine Operators <i>(In Demand)</i>	Medium	1,059	40	\$16.10	25
Loan Officers	Medium	867	27	\$22.53	11.3
Bill and Account Collectors <i>(In Demand)</i>	Medium	541	20	\$17.22	8.6
Insurance Sales Agents (In Demand)	Medium	430	17	\$20.54	8.5
Securities Commodities and Financial Services Sales Agents <i>(In Demand)</i>	Medium	397	11	\$23.00	84
Claims Adjusters Examiners and Investigators	Medium	182	5	\$25.63	6.6
Tax Examiners Collectors and Revenue Agents	Medium	64	2	\$24.21	11.5
Insurance Underwriters	Medium	66	2	\$29.27	27.4
Title Examiners Abstractors and Searchers	Medium	42	1	\$20.79	13.4
Financial Managers <i>(In Demand)</i>	Considerable	722	25	\$47.94	11.2
Market Research Analysts <i>(In Demand)</i>	Considerable	446	15	\$31.98	7.5
Securities Commodities and Financial Services Sales Agents	Considerable	397	11	\$23.00	12
Computer Automated Teller and Office Machine Repairers	Considerable	191	6	\$17.13	14.3
Credit Analysts	Considerable	102	3	\$23.17	12.7
Financial Analysts	Extensive	131	3	\$31.60	10.3
	<b>Total</b>	<b>7,917</b>	<b>291</b>		

**Estimated 2014 Employment 9,095**  
**2004-2014 Increase = 14.9%**

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**GOVERNMENT and PUBLIC ADMINISTRATION:** Executing governmental functions to include Governance, National Security, Foreign Service, Planning, Revenue and Taxation, Regulation and Management and Administration at the local, state and federal levels.

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Compliance Officers Except Agriculture Construction Health and Safety	Medium	358	15	24.06	9.1
Chief Executives	Considerable	208	7	0	15
Social and Community Service Managers	Considerable	80	3	41.05	18
Chief Executives	Extensive Prepara	208	7	0	19.3
<b>Total</b>		<b>854</b>	<b>32</b>		
<b>Estimated 2014 Employment</b>		<b>980</b>			
		<b>2004-2014 Increase = 14.7%</b>			

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**HEALTH SCIENCE: Planning, managing and providing therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Nursing Aides Orderlies and Attendants (In Demand)	Some	1,451	51	\$12.14	17.3
Dental Assistants	Some	747	37	\$16.51	21
Home Health Aides	Some	499	17	\$11.16	19.7
Pharmacy Technicians	Some	353	12	\$16.16	11.5
Emergency Medical Technicians and Paramedics	Some	326	10	\$26.65	20
Veterinary Assistants and Laboratory Animal Caretakers ( <i>In Demand</i> )	Some	107	7	\$10.64	20.2
Pharmacy Aides	Some	154	6	\$13.09	34.2
Physical Therapist Aides	Some	116	5	\$10.96	10.1
Medical Equipment Preparers	Some	101	4	\$14.05	12.5
Medical and Clinical Laboratory Technicians	Some	77	4	\$14.77	18.9
Registered Nurses ( <i>In Demand</i> )	Medium	3,239	132	\$29.92	20.7
Licensed Practical and Licensed Vocational Nurses ( <i>In Demand</i> )	Medium	604	26	\$20.34	20.7
Medical Assistants	Medium	594	24	\$15.49	18.9
Medical Records and Health Information Technicians	Medium	445	15	\$13.55	20.2
Dental Hygienists	Medium	388	12	\$41.44	21.3
Radiologic Technologists and Technicians ( <i>In Demand</i> )	Medium	257	10	\$23.54	17.5
Physical Therapist Assistants	Medium	167	8	\$17.42	19.7
Occupational Therapist Assistants	Medium	40	2	\$19.67	20
Surgical Technologists	Medium	64	2	\$22.98	19.4
Cardiovascular Technologists and Technicians	Medium	49	2	\$28.24	13.4
Diagnostic Medical Sonographers	Medium	67	2	\$34.25	22.5
Compliance Officers Except Agriculture Construction Health and Safety	Considerable	358	15	\$24.06	19.4
Occupational Therapists ( <i>In Demand</i> )	Considerable	329	14	\$27.26	17.7
Medical and Clinical Laboratory Technologists	Considerable	163	8	\$27.80	18.6
Physician Assistants	Considerable	104	4	\$38.36	34.7
Recreational Therapists	Considerable	15	1	\$23.10	18.2
Physical Therapists	Extensive	623	23	\$28.43	19
Speech-Language Pathologists ( <i>In Demand</i> )	Extensive	311	17	\$26.09	17.9
Pharmacists	Extensive	372	15	\$43.18	20.8
Veterinarians ( <i>In Demand</i> )	Extensive	145	9	\$35.36	12.7
Medical and Health Services Managers	Extensive	199	8	\$47.91	18.1
Dentists General	Extensive	175	7	\$68.28	18.1
Occupational Health and Safety Specialists	Extensive	87	5	\$27.67	18.8
Dietitians and Nutritionists	Extensive	74	4	\$23.98	19.1

<b>HEALTH SCIENCE (Contd.)</b>		<b>2005</b>	<b>Projected</b>	<b>Median 2005</b>	<b>Projected</b>
	<b>Preparation</b>	<b>Employment</b>	<b>Annual</b>	<b>Wage</b>	<b>Growth %</b>
			<b>Openings</b>		<b>2004-2014</b>
Surgeons	Extensive	60	2	\$0.00	18.8
	<b>Total</b>	<b>12,860</b>	<b>520</b>		
		<b>Estimated 2014 Employment</b>	<b>15,226</b>		
		<b>2004-2014 Increase = 18.4%</b>			

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**HOSPITALITY and TOURISM: Management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Combined Food Preparation and Serving Workers Including Fast Food <i>(In Demand)</i>	Little or No	5,469	414	\$8.64	15.3
Waiters and Waitresses <i>(In Demand)</i>	Little or No	3,725	290	\$8.52	15.5
Counter Attendants Cafeteria Food Concession and Coffee Shop <i>(In Demand)</i>	Little or No	1,630	206	\$9.24	1.4
Janitors and Cleaners Except Maids and Housekeeping Cleaners <i>(In Demand)</i>	Little or No	3,755	161	\$13.28	15.4
Food Preparation Workers	Little or No	1,133	76	\$10.49	14.6
Dishwashers <i>(In Demand)</i>	Little or No	971	66	\$9.74	15.1
Maids and Housekeeping Cleaners	Little or No	1,998	58	\$8.70	13.6
Dining Room and Cafeteria Attendants and Bartender Helpers <i>(In Demand)</i>	Little or No	733	47	\$8.22	14.9
Hosts and Hostesses Restaurant Lounge and Coffee Shop <i>(In Demand)</i>	Little or No	658	37	\$8.35	15.2
Cooks Fast Food <i>(In Demand)</i>	Little or No	532	33	\$8.49	16.8
Amusement and Recreation Attendants <i>(In Demand)</i>	Little or No	399	23	\$8.29	18.3
Cooks Short Order	Little or No	172	10	\$10.95	14.5
Food Servers Nonrestaurant	Little or No	119	8	\$11.03	12.1
Meat Poultry and Fish Cutters and Trimmers	Little or No	151	5	\$9.40	11
Cooks Restaurant <i>(In Demand)</i>	Some	1,513	90	\$10.65	16
Supervisors/Managers of Food Preparation and Serving Workers (In Demand)	Some	1,174	54	\$18.76	15.1
Bartenders <i>(In Demand)</i>	Some	836	48	\$9.42	14.8
Gaming Dealers <i>(In Demand)</i>	Some	532	42	\$8.04	16.6
Cooks Institution and Cafeteria	Some	489	29	\$13.00	14.9
Gaming Supervisors <i>(In Demand)</i>	Some	114	6	\$20.73	5.1
Gaming Cage Workers	Some	33	3	\$10.15	11.9
Reservation and Transportation Ticket Agents and Travel Clerks	Some	65	3	\$15.00	11.9
Food Batchmakers	Some	31	1	\$16.07	5.1
Supervisors/Managers of Personal Service Workers <i>(In Demand)</i>	Medium	464	20	\$20.43	20.8
Bakers	Medium	459	15	\$14.39	15.5
Supervisors/Managers of Housekeeping and Janitorial Workers (In Demand)	Medium	279	13	\$19.98	18.5
Food Service Managers	Medium	241	9	\$39.88	6
Recreation Workers <i>(In Demand)</i>	Considerable	740	29	\$9.72	12
Chefs and Head Cooks	Considerable	135	8	\$21.45	14.7
Coaches and Scouts	Extensive	258	9	\$33,034.00	15.5
Athletic Trainers	Extensive	78	4	\$33,580.00	21.6
<b>Total</b>		<b>28,886</b>	<b>1,817</b>		<b>429.7</b>

Source: Washington St. Dept. of Employment Security, Workforce Explorer, Nov. 2005

**Estimated 2014 Employment 32,956**  
**2004-2014 Increase = 14.1%**

**HUMAN SERVICES: Preparing individuals for employment in career pathways that relate to families and human needs.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Personal and Home Care Aides ( <i>In Demand</i> )	Some	894	27	\$10.04	10
Eligibility Interviewers Government Programs	Some	184	7	\$19.60	2.2
Child Care Workers ( <i>In Demand</i> )	Medium	2,436	102	\$8.62	21.8
Social and Human Service Assistants ( <i>In Demand</i> )	Medium	421	16	\$12.05	15
Probation Officers and Correctional Treatment Specialists	Considerable	269	8	\$22.29	10.9
Mental Health and Substance Abuse Social Workers	Extensive	389	13	\$22.27	14.3
Clinical Counseling and School Psychologists	Extensive	337	13	\$28.06	15.9
Substance Abuse and Behavioral Disorder Counselors	Extensive	130	6	\$18.06	14.3
Medical and Public Health Social Workers	Extensive	113	4	\$23.47	18.1
Child Family and School Social Workers	Extensive	70	2	\$20.46	25.7
Clergy	Extensive	68	2	\$23.76	14.5
	<b>Total</b>	<b>5,311</b>	<b>200</b>		

**Estimated 2014 Employment 6,028**  
**2004-2014 Increase = 13.5%**

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**INFORMATION TECHNOLOGY: Technical and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia and Systems Integration Services.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Coin Vending and Amusement Machine Servicers and Repairers	Some	101	3	\$19.12	11.1
Computer Support Specialists <i>(In Demand)</i>	Medium	846	30	\$22.17	27.7
Network Systems and Data Communications Analysts <i>(In Demand)</i>	Medium	453	17	\$33.71	21.3
Computer Operators	Medium	153	5	\$18.69	11.3
Computer Systems Analysts <i>(In Demand)</i>	Considerable	874	25	\$33.98	19
Network and Computer Systems Administrators <i>(In Demand)</i>	Considerable	680	22	\$31.73	34.5
Computer Programmers <i>(In Demand)</i>	Considerable	327	15	\$31.47	16
Computer Software Engineers Systems Software	Considerable	406	7	\$37.16	19.8
Database Administrators	Considerable	155	6	\$40.79	21
Computer Automated Teller and Office Machine Repairers	Considerable	191	6	\$17.13	11.3
Computer and Information Systems Managers <i>(In Demand)</i>	Extensive	313	14	\$50.04	21.6
<b>Total</b>		<b>4,499</b>	<b>150</b>		

**Estimated 2014 Employment 5,376**  
**2004-2014 Increase = 19.5%**

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**LAW and SAFETY: Planning, managing and providing legal, public safety, protective services and homeland security including professional and technical support services.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Security Guards ( <i>In Demand</i> )	Some	508	27	\$11.91	15.6
Private Detectives and Investigators	Some	26	2	\$13.99	13
Gaming Surveillance Officers and Gaming Investigators	Some	43	2	\$14.72	24
Police and Sheriff's Patrol Officers	Medium	983	38	\$29.23	16.1
Correctional Officers and Jailers	Medium	1,114	37	\$18.55	21.6
Fire Fighters	Medium	529	22	\$30.19	12.2
Supervisors/Managers of Fire Fighting and Prevention Workers	Medium	176	10	\$40.06	11.1
Paralegals and Legal Assistants	Medium	200	5	\$25.97	12
Fire Inspectors and Investigators	Medium	25	1	\$32.51	16
Supervisors/Managers of Police and Detectives	Considerable	140	6	\$39.81	12.2
Detectives and Criminal Investigators	Considerable	21	1	\$29.68	10.8
Lawyers ( <i>In Demand</i> )	Extensive	830	26	\$44.65	13.4
Supervisors/Managers of Fire Fighting and Prevention Workers	Extensive	176	10	\$40.06	9.9
<b>Total</b>		<b>4,771</b>	<b>187</b>		

**Estimated 2014 Employment 5,464**  
**2004-2014 Increase = 14.5%**

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

**MANUFACTURING: Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engine**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Pressers Textile Garment and Related Materials	Little or No	54	2	\$9.16	5.1
Mixing and Blending Machine Setters Operators and Tenders	Little or No	71	3	\$20.40	6.7
Grinding and Polishing Workers Hand	Little or No	198	9	\$12.29	9.9
Machine Feeders and Offbearers	Little or No	250	6	\$10.96	2.2
Helpers--Production Workers	Little or No	301	15	\$11.05	0.3
Sewing Machine Operators	Little or No	521	10	\$10.97	3.1
Cleaners of Vehicles and Equipment <i>(In Demand)</i>	Little or No	807	45	\$8.80	13
Extruding Forming Pressing and Compacting Machine Setters Operators	Some	26	1	\$14.05	4.6
Furniture Finishers	Some	71	2	\$14.59	10.5
Dental Laboratory Technicians	Some	114	4	\$17.11	9.9
Grinding Lapping Polishing and Buffing Machine Tool Setters Operators <i>(In Demand)</i>	Some	129	7	\$11.56	9.4
Sawing Machine Setters Operators and Tenders Wood	Some	141	6	\$18.30	12.5
Coating Painting and Spraying Machine Setters Operators and Tenders	Some	148	11	\$13.14	14.9
Rolling Machine Setters Operators and Tenders Metal and Plastic <i>(In Demand)</i>	Some	189	12	\$13.33	-14.6
Packaging and Filling Machine Operators and Tenders	Some	190	6	\$12.81	18.5
Painters Transportation Equipment	Some	206	18	\$27.80	14.7
Cutting Punching and Press Machine Setters Operators and Tenders Metal	Some	329	17	\$15.42	12.1
Sheet Metal Workers	Some	372	24	\$19.45	13.6
Woodworking Machine Setters Operators and Tenders Except Sawing	Some	400	16	\$12.82	8.8
Computer-Controlled Machine Tool Operators Metal and Plastic (In Demand)	Some	414	31	\$18.98	7.9
Industrial Truck and Tractor Operators <i>(In Demand)</i>	Some	900	39	\$17.58	9.5
Medical Equipment Repairers	Medium	35	2	\$17.46	28.6
Tool Grinders Filers and Sharpeners	Medium	40	2	\$22.05	14.1
Control and Valve Installers and Repairers Except Mechanical Door	Medium	43	2	\$21.25	4.1
Electromechanical Equipment Assemblers	Medium	58	3	\$14.60	12.1
Numerical Tool and Process Control Programmers	Medium	82	7	\$27.96	11.5
Lathe & Turning Machine Tool Setters Operators/Tenders Metal <i>(In Demand)</i>	Medium	88	6	\$17.66	26.1
Stationary Engineers and Boiler Operators	Medium	91	3	\$23.85	12.3
Milling and Planing Machine Setters Operators and Tenders Metal and Plastic	Medium	92	6	\$19.31	13.3
Mechanical Engineering Technicians	Medium	107	6	\$26.23	4.7
Photographic Process Workers	Medium	119	5	\$11.09	12.3
Millwrights	Medium	124	9	\$20.64	3.8
Civil Engineering Technicians	Medium	179	6	\$23.66	15.4
Multiple Machine Tool Setters Operators and Tenders Metal and Plastic	Medium	215	4	\$13.79	7.7
Molding Coremaking and Casting Machine Setters Operators and Tenders	Medium	246	6	\$15.01	12.6

<b>MANUFACTURING (Contd.)</b>		<b>2005</b>	<b>Projected</b>	<b>Median 2005</b>	<b>Projected</b>
	<b>Preparation</b>	<b>Employment</b>	<b>Annual</b>	<b>Wage</b>	<b>Growth %</b>
			<b>Openings</b>		<b>2004-2014</b>
Industrial Machinery Mechanics	Medium	322	18	\$28.91	14.1
Machinists <i>(In Demand)</i>	Medium	482	27	\$18.69	19.4
Electrical and Electronic Equipment Assemblers	Medium	949	14	\$16.22	16.4
Supervisors/Managers of Production and Operating Workers <i>(In Demand)</i>	Medium	1,271	70	\$27.21	16.9
Tailors Dressmakers and Custom Sewers	Considerable	122	3	\$12.77	15.3
Structural Metal Fabricators and Fitters <i>(In Demand)</i>	Considerable	210	12	\$17.56	19.1
Electrical and Electronic Engineering Technicians	Considerable	227	12	\$21.36	10.9
Industrial Production Managers	Considerable	240	14	\$41.05	13.7
Welders Cutters Solderers and Brazers <i>(In Demand)</i>	Considerable	675	40	\$18.53	11.5
Supervisors/Managers of Mechanics Installers and Repairers	Considerable	699	35	\$31.28	14.2
	<b>Total</b>	<b>12,547</b>	<b>596</b>		

**Estimated 2014 Employment 13,711**  
**2004-2014 Increase = 9.28%**

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**RETAIL and WHOLESALE TRADE: Planning, managing and performing marketing activities to reach organizational objectives.**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Demonstrators and Product Promoters	Little or No	59	3	\$11.84	9.1
Parking Lot Attendants	Little or No	134	7	\$8.26	12.4
Laundry and Dry-Cleaning Workers	Little or No	370	17	\$10.21	14.3
Service Station Attendants	Little or No	394	28	\$8.61	14.3
Driver/Sales Workers	Little or No	708	21	\$12.24	10.8
Packers and Packagers Hand <i>(In Demand)</i>	Little or No	1,347	46	\$8.40	29.8
Counter and Rental Clerks <i>(In Demand)</i>	Little or No	1,611	117	\$10.56	17.8
Cashiers <i>(In Demand)</i>	Little or No	6,572	559	\$10.80	7.2
Pressers Textile Garment and Related Materials	Some	54	2	\$9.16	16.7
Floral Designers	Some	210	6	\$13.98	12
Parts Salespersons	Some	483	22	\$12.39	17.6
Real Estate Sales Agents	Some	688	26	\$23.72	19
Sales Representatives Wholesale and Manufacturing Except Technical and Scientific	Some	2,276	106	\$24.96	14.2
Customer Service Representatives <i>(In Demand)</i>	Some	2,468	83	\$14.88	9.3
Laborers and Freight Stock and Material Movers Hand <i>(In Demand)</i>	Some	3,154	211	\$11.15	2.1
Stock Clerks and Order Fillers <i>(In Demand)</i>	Some	3,429	295	\$12.22	9.5
Supervisors/Managers of Retail Sales Workers <i>(In Demand)</i>	Some	3,442	125	\$20.60	1.4
Retail Salespersons <i>(In Demand)</i>	Some	7,302	442	\$12.01	4.4
Butchers and Meat Cutters	Medium	205	9	\$19.00	1.1
Wholesale and Retail Buyers Except Farm Products	Medium	319	15	\$20.61	16.3
Bakers	Medium	459	15	\$14.39	12.8
Merchandise Displayers and Window Trimmers	Medium	483	11	\$14.20	11.6
Sales Representatives Wholesale and Manufacturing Technical and Scientific	Medium	647	22	\$33.99	7.2
Supervisors/Managers of Non-Retail Sales Workers <i>(In Demand)</i>	Medium	951	32	\$32.23	21.2
Hairdressers Hairstylists and Cosmetologists <i>(In Demand)</i>	Medium	1,501	59	\$13.43	10.5
Tailors Dressmakers and Custom Sewers	Considerable	122	3	\$12.77	9
Marketing Managers	Considerable	180	8	\$41.53	10.5
Property Real Estate and Community Association Managers	Considerable	181	6	\$20.34	8.6
Sales Managers <i>(In Demand)</i>	Considerable	428	16	\$56.64	8.6
<b>Total</b>		<b>40,177</b>	<b>2,312</b>		
		<b>Estimated 2014 Employment</b>	<b>44,878</b>		
			<b>2004-2014 Increase = 11.7%</b>		

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**SCIENCE, RESEARCH and ENGINEERING:** Planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services and research and development se

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Weighers Measurers Checkers and Samplers Recordkeeping	Little or No	52	2	\$16.67	21
Surveying and Mapping Technicians	Medium	133	10	\$17.44	25.3
Environmental Science and Protection Technicians Including Health	Considerable	17	1	\$20.17	21.6
Health and Safety Engineers Except Mining Safety Engineers and Inspectors	Considerable	34	2	\$37.17	18
Biological Technicians ( <i>In Demand</i> )	Considerable	85	5	\$18.76	18.4
Chemists	Considerable	148	13	\$34.20	21.1
Electronics Engineers Except Computer	Considerable	193	5	\$33.01	19.4
Medical Scientists Except Epidemiologists	Considerable	306	21	\$42.31	20
Mechanical Engineers ( <i>In Demand</i> )	Considerable	335	30	\$39.23	26.6
Electrical Engineers	Considerable	345	12	\$38.03	11.6
Civil Engineers ( <i>In Demand</i> )	Considerable	794	35	\$31.08	24.9
Materials Engineers	Extensive	26	0	\$25.67	28.6
Environmental Scientists and Specialists Including Health	Extensive	100	4	\$31.16	22
Natural Sciences Managers ( <i>In Demand</i> )	Extensive	216	15	\$47.29	15.7
<b>Total</b>		<b>2,784</b>	<b>155</b>		
<b>Estimated 2014 Employment</b>		<b>3,369</b>			
		<b>2004-2014 Increase = 12.1%</b>			

Source: Washington St. Dept. of Employment Security  
Workforce Explorer, November 2005

**TRANSPORTATION, DISTRIBUTION and LOGISTICS: Planning, management and movement of people, materials and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation, infrastructure planning and**

	Preparation	2005 Employment	Projected Annual Openings	Median 2005 Wage	Projected Growth % 2004-2014
Taxi Drivers and Chauffeurs	Little or No	166	4	\$12.71	13.7
Tire Repairers and Changers	Little or No	232	13	\$11.64	6.6
Postal Service Mail Carriers <i>(In Demand)</i>	Little or No	717	24	\$22.52	0.7
Truck Drivers Light or Delivery Services <i>(In Demand)</i>	Little or No	1,560	38	\$13.61	14.5
Laborers and Freight Stock and Material Movers Hand <i>(In Demand)</i>	Little or No	3,154	211	\$11.15	26.1
Postal Service Clerks	Some	113	3	\$22.46	23.3
Recreational Vehicle Service Technicians	Some	119	9	\$18.56	8
Automotive Body and Related Repairers	Some	396	15	\$26.08	19
Dispatchers Except Police Fire and Ambulance <i>(In Demand)</i>	Some	419	18	\$18.76	14.5
Production Planning and Expediting Clerks	Some	585	34	\$21.13	10.8
Bus Drivers Transit and Intercity	Some	846	30	\$19.49	17.4
Bus Drivers School <i>(In Demand)</i>	Some	1,478	58	\$15.46	17.5
Truck Drivers Heavy and Tractor-Trailer <i>(In Demand)</i>	Some	2,663	88	\$17.73	20
Postmasters and Mail Superintendents	Medium	21	0	\$30.81	15.8
Outdoor Power Equipment and Other Small Engine Mechanics	Medium	40	2	\$11.81	13.9
Transportation Storage and Distribution Managers	Medium	99	4	\$54.40	0.7
Supervisors/Managers of Transportation and Material-Moving <i>(In Demand)</i>	Medium	418	20	\$27.45	12.8
Bus and Truck Mechanics and Diesel Engine Specialists <i>(In Demand)</i>	Medium	475	20	\$21.69	11.8
Automotive Service Technicians and Mechanics <i>(In Demand)</i>	Medium	1,230	57	\$20.65	14.2
Mobile Heavy Equipment Mechanics Except Engines	Considerable	157	8	\$26.26	15.9
<b>Total</b>		<b>14,888</b>	<b>656</b>		<b>277.2</b>

**Estimated 2014 Employment 17,059**  
**2004-2014 Increase = 14.5%**

Source: Washington St. Dept. of Employment Security  
 Workforce Explorer, November 2005

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