

**HOUSEHOLD DATA
ANNUAL AVERAGES**

39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex

[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Total, full-time wage and salary workers.....	113,272	\$860	62,980	\$941	50,291	\$770
Management, professional, and related occupations.....	47,207	1,224	22,815	1,442	24,393	1,052
Management, business, and financial operations occupations.....	19,414	1,327	10,415	1,526	8,999	1,134
Management occupations.....	13,169	1,392	7,568	1,573	5,600	1,173
Chief executives.....	1,136	2,296	823	2,415	313	1,920
General and operations managers.....	920	1,328	598	1,488	321	1,134
Legislators.....	14	—	5	—	9	—
Advertising and promotions managers.....	53	1,330	24	—	29	—
Marketing and sales managers.....	994	1,509	566	1,747	428	1,288
Public relations and fundraising managers.....	71	1,318	24	—	47	—
Administrative services managers.....	147	1,233	89	1,629	57	1,013
Computer and information systems managers.....	594	1,843	428	1,897	165	1,629
Financial managers.....	1,111	1,412	500	1,719	611	1,222
Compensation and benefits managers.....	16	—	5	—	11	—
Human resources managers.....	304	1,448	92	1,748	211	1,280
Training and development managers.....	58	1,396	23	—	35	—
Industrial production managers.....	265	1,486	202	1,526	63	1,312
Purchasing managers.....	194	1,271	90	1,420	104	1,138
Transportation, storage, and distribution managers.....	274	1,039	225	1,061	49	—
Farmers, ranchers, and other agricultural managers.....	121	1,001	100	963	21	—
Construction managers.....	582	1,428	526	1,439	56	1,243
Education administrators.....	801	1,367	304	1,561	497	1,243
Architectural and engineering managers.....	128	1,999	119	2,020	10	—
Food service managers.....	816	753	421	894	394	674
Funeral service managers.....	9	—	4	—	5	—
Gaming managers.....	23	—	17	—	6	—
Lodging managers.....	116	882	54	982	62	844
Medical and health services managers.....	610	1,319	177	1,490	433	1,177
Natural sciences managers.....	17	—	10	—	7	—
Postmasters and mail superintendents.....	23	—	13	—	10	—
Property, real estate, and community association managers.....	421	957	181	1,163	241	873
Social and community service managers.....	337	1,136	101	1,281	236	1,052
Emergency management directors.....	10	—	4	—	7	—
Managers, all other.....	3,004	1,488	1,841	1,629	1,163	1,251
Business and financial operations occupations.....	6,245	1,174	2,847	1,390	3,398	1,055
Agents and business managers of artists, performers, and athletes.....	23	—	8	—	15	—
Buyers and purchasing agents, farm products.....	10	—	6	—	4	—
Wholesale and retail buyers, except farm products.....	154	886	67	882	87	888
Purchasing agents, except wholesale, retail, and farm products.....	240	1,132	143	1,144	96	1,085
Claims adjusters, appraisers, examiners, and investigators.....	346	1,002	128	1,108	218	925
Compliance officers.....	240	1,391	106	1,501	134	1,296
Cost estimators.....	113	1,139	100	1,157	13	—
Human resources workers.....	664	1,086	182	1,236	482	1,035
Compensation, benefits, and job analysis specialists.....	60	1,042	21	—	39	—
Training and development specialists.....	114	1,099	59	1,255	55	937
Logisticians.....	101	1,230	67	1,358	33	—
Management analysts.....	606	1,499	351	1,651	255	1,315
Meeting, convention, and event planners.....	102	1,080	14	—	89	1,064
Fundraisers.....	72	1,152	17	—	55	1,152
Market research analysts and marketing specialists.....	258	1,174	110	1,357	149	1,061
Business operations specialists, all other.....	250	1,136	118	1,361	132	1,013
Accountants and auditors.....	1,512	1,173	622	1,389	890	1,065
Appraisers and assessors of real estate.....	55	1,074	35	—	20	—
Budget analysts.....	54	1,377	29	—	26	—
Credit analysts.....	27	—	13	—	15	—
Financial analysts.....	264	1,530	156	1,590	108	1,369
Personal financial advisors.....	398	1,425	267	1,662	131	979
Insurance underwriters.....	92	1,153	35	—	57	1,115

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39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued
[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Financial examiners.....	15	—	8	—	7	—
Credit counselors and loan officers.....	320	1,070	127	1,332	193	958
Tax examiners and collectors, and revenue agents.....	62	1,078	28	—	33	—
Tax preparers.....	56	791	18	—	39	—
Financial specialists, all other.....	36	—	11	—	24	—
Professional and related occupations.....	27,794	1,160	12,400	1,391	15,394	1,014
Computer and mathematical occupations.....	4,350	1,465	3,240	1,552	1,110	1,235
Computer and information research scientists.....	23	—	13	—	9	—
Computer systems analysts.....	522	1,409	311	1,495	211	1,270
Information security analysts.....	94	1,725	74	1,773	20	—
Computer programmers.....	423	1,483	333	1,539	89	1,363
Software developers, applications and systems software.....	1,439	1,792	1,174	1,863	265	1,543
Web developers.....	144	1,235	98	1,342	46	—
Computer support specialists.....	443	1,068	319	1,134	124	919
Database administrators.....	93	1,381	56	1,745	37	—
Network and computer systems administrators.....	193	1,395	155	1,396	38	—
Computer network architects.....	100	1,636	97	1,659	3	—
Computer occupations, all other.....	627	1,194	484	1,250	142	1,059
Actuaries.....	23	—	16	—	7	—
Mathematicians.....	2	—	2	—	0	—
Operations research analysts.....	146	1,396	71	1,570	74	1,205
Statisticians.....	77	1,433	36	—	41	—
Miscellaneous mathematical science occupations.....	2	—	1	—	1	—
Architecture and engineering occupations.....	2,936	1,478	2,494	1,518	442	1,307
Architects, except naval.....	196	1,453	150	1,650	46	—
Surveyors, cartographers, and photogrammetrists.....	30	—	25	—	5	—
Aerospace engineers.....	137	1,892	128	1,891	9	—
Agricultural engineers.....	3	—	3	—	0	—
Biomedical engineers.....	16	—	11	—	4	—
Chemical engineers.....	78	1,626	66	1,631	12	—
Civil engineers.....	393	1,494	332	1,524	61	1,343
Computer hardware engineers.....	73	1,771	60	1,793	13	—
Electrical and electronics engineers.....	276	1,803	245	1,772	30	—
Environmental engineers.....	32	—	21	—	11	—
Industrial engineers, including health and safety.....	213	1,496	168	1,520	46	—
Marine engineers and naval architects.....	7	—	7	—	0	—
Materials engineers.....	32	—	28	—	5	—
Mechanical engineers.....	337	1,534	311	1,533	26	—
Mining and geological engineers, including mining safety engineers.....	12	—	10	—	1	—
Nuclear engineers.....	7	—	7	—	0	—
Petroleum engineers.....	23	—	17	—	6	—
Engineers, all other.....	546	1,561	473	1,571	73	1,436
Drafters.....	122	1,126	100	1,149	21	—
Engineering technicians, except drafters.....	339	1,053	269	1,102	70	884
Surveying and mapping technicians.....	63	1,109	61	1,114	2	—
Life, physical, and social science occupations.....	1,238	1,286	674	1,361	564	1,183
Agricultural and food scientists.....	25	—	14	—	10	—
Biological scientists.....	82	1,140	41	—	41	—
Conservation scientists and foresters.....	26	—	15	—	11	—
Medical scientists.....	162	1,378	82	1,383	80	1,270
Life scientists, all other.....	4	—	1	—	3	—
Astronomers and physicists.....	16	—	15	—	1	—
Atmospheric and space scientists.....	6	—	4	—	2	—
Chemists and materials scientists.....	98	1,425	56	1,451	41	—
Environmental scientists and geoscientists.....	80	1,639	51	1,746	30	—
Physical scientists, all other.....	270	1,529	147	1,565	122	1,409
Economists.....	29	—	18	—	12	—
Survey researchers.....	2	—	1	—	1	—
Psychologists.....	106	1,454	35	—	71	1,437

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Occupation	2017					
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	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Sociologists.....	2	—	2	—	0	—
Urban and regional planners.....	34	—	18	—	16	—
Miscellaneous social scientists and related workers.....	27	—	18	—	9	—
Agricultural and food science technicians.....	30	—	20	—	10	—
Biological technicians.....	23	—	8	—	15	—
Chemical technicians.....	62	1,013	45	—	16	—
Geological and petroleum technicians.....	13	—	9	—	4	—
Nuclear technicians.....	6	—	4	—	2	—
Social science research assistants.....	4	—	0	—	4	—
Miscellaneous life, physical, and social science technicians.....	132	826	70	970	63	766
Community and social service occupations.....	2,165	900	747	976	1,418	857
Counselors.....	650	897	178	901	472	894
Social workers.....	714	906	122	935	591	900
Probation officers and correctional treatment specialists.....	90	881	36	—	55	858
Social and human service assistants.....	189	739	48	—	141	701
Miscellaneous community and social service specialists, including health educators and community health workers.....	68	829	17	—	51	791
Clergy.....	342	1,058	297	1,073	46	—
Directors, religious activities and education.....	61	844	36	—	25	—
Religious workers, all other.....	50	831	13	—	37	—
Legal occupations.....	1,379	1,443	568	1,896	811	1,192
Lawyers.....	781	1,901	444	2,105	337	1,753
Judicial law clerks.....	13	—	7	—	6	—
Judges, magistrates, and other judicial workers.....	59	1,742	42	—	17	—
Paralegals and legal assistants.....	370	945	49	—	321	934
Miscellaneous legal support workers.....	156	957	26	—	130	904
Education, training, and library occupations.....	6,978	1,002	1,939	1,202	5,039	935
Postsecondary teachers.....	985	1,312	551	1,414	434	1,208
Preschool and kindergarten teachers.....	530	657	12	—	518	654
Elementary and middle school teachers.....	2,838	1,023	614	1,139	2,224	987
Secondary school teachers.....	917	1,139	392	1,226	524	1,091
Special education teachers.....	386	1,024	54	1,051	332	1,017
Other teachers and instructors.....	419	897	155	1,128	265	820
Archivists, curators, and museum technicians.....	42	—	18	—	24	—
Librarians.....	135	1,009	31	—	104	972
Library technicians.....	16	—	2	—	14	—
Teacher assistants.....	590	550	67	642	523	537
Other education, training, and library workers.....	120	1,049	44	—	77	956
Arts, design, entertainment, sports, and media occupations.....	1,778	1,066	1,013	1,161	765	943
Artists and related workers.....	70	1,209	43	—	27	—
Designers.....	600	1,012	327	1,172	273	857
Actors.....	17	—	11	—	6	—
Producers and directors.....	131	1,489	89	1,708	43	—
Athletes, coaches, umpires, and related workers.....	149	898	104	1,031	45	—
Dancers and choreographers.....	9	—	4	—	5	—
Musicians, singers, and related workers.....	41	—	29	—	12	—
Entertainers and performers, sports and related workers, all other.....	24	—	10	—	13	—
Announcers.....	24	—	18	—	7	—
News analysts, reporters and correspondents.....	72	945	30	—	42	—
Public relations specialists.....	92	1,339	35	—	57	1,203
Editors.....	124	1,084	56	1,123	68	992
Technical writers.....	67	1,222	30	—	37	—
Writers and authors.....	106	1,137	50	1,171	57	1,045
Miscellaneous media and communication workers.....	53	809	25	—	28	—
Broadcast and sound engineering technicians and radio operators.....	81	1,150	71	1,160	10	—
Photographers.....	66	931	40	—	25	—
Television, video, and motion picture camera operators and editors.....	46	—	38	—	8	—

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	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Media and communication equipment workers, all other.....	5	—	3	—	2	—
Healthcare practitioners and technical occupations.....	6,970	1,124	1,724	1,341	5,246	1,068
Chiropractors.....	11	—	9	—	2	—
Dentists.....	41	—	16	—	25	—
Dietitians and nutritionists.....	88	991	8	—	80	996
Optometrists.....	19	—	6	—	13	—
Pharmacists.....	254	1,923	107	2,228	147	1,834
Physicians and surgeons.....	815	1,918	463	2,277	352	1,759
Physician assistants.....	97	1,747	31	—	66	1,640
Podiatrists.....	7	—	3	—	4	—
Audiologists.....	13	—	1	—	12	—
Occupational therapists.....	74	1,301	12	—	62	1,273
Physical therapists.....	182	1,317	64	1,341	118	1,297
Radiation therapists.....	11	—	3	—	8	—
Recreational therapists.....	5	—	1	—	3	—
Respiratory therapists.....	83	961	27	—	56	904
Speech-language pathologists.....	106	1,213	4	—	102	1,214
Exercise physiologists.....	5	—	1	—	3	—
Therapists, all other.....	142	983	29	—	114	947
Veterinarians.....	60	1,840	20	—	40	—
Registered nurses.....	2,536	1,150	283	1,260	2,253	1,143
Nurse anesthetists.....	30	—	13	—	17	—
Nurse midwives.....	5	—	0	—	5	—
Nurse practitioners.....	141	1,841	12	—	129	1,832
Health diagnosing and treating practitioners, all other.....	15	—	3	—	12	—
Clinical laboratory technologists and technicians.....	297	890	94	1,061	203	845
Dental hygienists.....	78	1,033	5	—	73	1,028
Diagnostic related technologists and technicians.....	271	1,162	85	1,404	186	1,041
Emergency medical technicians and paramedics.....	203	984	145	1,119	58	733
Health practitioner support technologists and technicians.....	469	710	98	858	371	678
Licensed practical and licensed vocational nurses.....	501	815	62	817	438	814
Medical records and health information technicians.....	151	763	11	—	140	761
Opticians, dispensing.....	43	—	13	—	30	—
Miscellaneous health technologists and technicians.....	143	811	48	—	95	746
Other healthcare practitioners and technical occupations.....	77	1,183	49	—	28	—
Service occupations.....	16,044	544	7,985	608	8,059	501
Healthcare support occupations.....	2,500	542	320	597	2,180	533
Nursing, psychiatric, and home health aides.....	1,387	500	164	583	1,223	493
Occupational therapy assistants and aides.....	13	—	1	—	11	—
Physical therapist assistants and aides.....	47	—	15	—	33	—
Massage therapists.....	51	632	15	—	36	—
Dental assistants.....	215	608	12	—	203	602
Medical assistants.....	457	594	39	—	418	597
Medical transcriptionists.....	21	—	3	—	18	—
Pharmacy aides.....	25	—	11	—	14	—
Veterinary assistants and laboratory animal caretakers.....	37	—	4	—	33	—
Phlebotomists.....	97	635	16	—	82	639
Miscellaneous healthcare support occupations, including medical equipment preparers.....	150	587	40	—	110	603
Protective service occupations.....	2,739	852	2,204	894	535	690
First-line supervisors of correctional officers.....	50	899	38	—	12	—
First-line supervisors of police and detectives.....	94	1,348	81	1,347	13	—
First-line supervisors of fire fighting and prevention workers.....	43	—	42	—	2	—
First-line supervisors of protective service workers, all other.....	69	953	58	938	11	—
Firefighters.....	272	1,123	264	1,136	8	—
Fire inspectors.....	22	—	22	—	0	—
Bailiffs, correctional officers, and jailers.....	390	771	284	825	106	669
Detectives and criminal investigators.....	142	1,256	110	1,291	32	—
Fish and game wardens.....	5	—	5	—	0	—
Parking enforcement workers.....	4	—	2	—	2	—

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Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Police and sheriff's patrol officers.....	688	1,015	595	1,024	94	985
Transit and railroad police.....	6	—	4	—	2	—
Animal control workers.....	12	—	8	—	4	—
Private detectives and investigators.....	86	963	42	—	44	—
Security guards and gaming surveillance officers.....	740	596	570	616	170	548
Crossing guards.....	23	—	17	—	6	—
Transportation security screeners.....	43	—	32	—	11	—
Lifeguards and other recreational, and all other protective service workers.....	49	—	30	—	19	—
Food preparation and serving related occupations.....	4,465	484	2,359	502	2,106	459
Chefs and head cooks.....	382	634	310	655	72	514
First-line supervisors of food preparation and serving workers.....	427	537	200	613	227	500
Cooks.....	1,365	466	859	481	506	436
Food preparation workers.....	510	425	242	449	269	410
Bartenders.....	210	554	98	600	112	515
Combined food preparation and serving workers, including fast food.....	175	407	75	415	100	401
Counter attendants, cafeteria, food concession, and coffee shop.....	65	460	29	—	36	—
Waiters and waitresses.....	911	493	319	533	592	475
Food servers, nonrestaurant.....	88	473	28	—	59	468
Dining room and cafeteria attendants and bartender helpers.....	134	458	79	444	55	481
Dishwashers.....	131	401	111	408	19	—
Hosts and hostesses, restaurant, lounge, and coffee shop.....	67	401	9	—	58	400
Food preparation and serving related workers, all other.....	1	—	1	—	1	—
Building and grounds cleaning and maintenance occupations.....	3,641	522	2,373	573	1,268	463
First-line supervisors of housekeeping and janitorial workers.....	190	661	113	749	77	515
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	111	723	102	760	9	—
Janitors and building cleaners.....	1,595	539	1,136	574	459	481
Maids and housekeeping cleaners.....	815	450	128	508	687	439
Pest control workers.....	94	616	89	617	5	—
Grounds maintenance workers.....	837	525	805	526	31	—
Personal care and service occupations.....	2,699	520	728	612	1,971	503
First-line supervisors of gaming workers.....	126	797	73	837	53	763
First-line supervisors of personal service workers.....	76	619	31	—	45	—
Animal trainers.....	23	—	16	—	7	—
Nonfarm animal caretakers.....	99	506	21	—	78	504
Gaming services workers.....	66	692	37	—	28	—
Motion picture projectionists.....	0	—	0	—	0	—
Ushers, lobby attendants, and ticket takers.....	8	—	6	—	2	—
Miscellaneous entertainment attendants and related workers.....	74	517	39	—	36	—
Embalmers and funeral attendants.....	15	—	8	—	7	—
Morticians, undertakers, and funeral directors.....	22	—	19	—	3	—
Barbers.....	54	590	47	—	8	—
Hairdressers, hairstylists, and cosmetologists.....	324	528	22	—	302	521
Miscellaneous personal appearance workers.....	235	567	48	—	187	538
Baggage porters, bellhops, and concierges.....	70	547	56	543	14	—
Tour and travel guides.....	21	—	14	—	6	—
Childcare workers.....	448	482	35	—	413	474
Personal care aides.....	735	486	127	520	608	479
Recreation and fitness workers.....	200	616	82	726	118	565
Residential advisors.....	27	—	10	—	17	—
Personal care and service workers, all other.....	76	570	37	—	40	—
Sales and office occupations.....	23,686	718	9,481	834	14,205	672
Sales and related occupations.....	9,953	763	5,598	934	4,355	609
First-line supervisors of retail sales workers.....	2,388	764	1,376	891	1,013	639
First-line supervisors of non-retail sales workers.....	815	1,062	541	1,151	274	965
Cashiers.....	1,360	438	378	493	982	422
Counter and rental clerks.....	78	607	48	—	31	—
Parts salespersons.....	115	786	108	800	7	—

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Retail salespersons.....	1,896	615	1,160	704	736	523
Advertising sales agents.....	193	887	87	895	106	882
Insurance sales agents.....	440	897	198	1,058	242	795
Securities, commodities, and financial services sales agents.....	231	1,332	154	1,416	77	911
Travel agents.....	57	665	10	—	47	—
Sales representatives, services, all other.....	458	1,147	339	1,332	120	902
Sales representatives, wholesale and manufacturing.....	1,105	1,157	796	1,222	308	956
Models, demonstrators, and product promoters.....	16	—	4	—	12	—
Real estate brokers and sales agents.....	488	953	219	1,159	269	818
Sales engineers.....	39	—	36	—	3	—
Telemarketers.....	37	—	11	—	27	—
Door-to-door sales workers, news and street vendors, and related workers.....	41	—	27	—	15	—
Sales and related workers, all other.....	195	971	107	1,147	89	799
Office and administrative support occupations.....	13,733	701	3,884	735	9,850	691
First-line supervisors of office and administrative support workers.....	1,261	867	408	987	854	819
Switchboard operators, including answering service.....	16	—	3	—	12	—
Telephone operators.....	35	—	9	—	27	—
Communications equipment operators, all other.....	5	—	4	—	2	—
Bill and account collectors.....	130	674	38	—	92	655
Billing and posting clerks.....	405	696	58	718	347	691
Bookkeeping, accounting, and auditing clerks.....	718	719	92	743	625	716
Gaming cage workers.....	11	—	0	—	11	—
Payroll and timekeeping clerks.....	103	765	13	—	89	767
Procurement clerks.....	29	—	14	—	15	—
Tellers.....	209	572	25	—	184	562
Financial clerks, all other.....	74	902	26	—	48	—
Brokerage clerks.....	5	—	2	—	3	—
Correspondence clerks.....	6	—	0	—	5	—
Court, municipal, and license clerks.....	79	738	17	—	62	718
Credit authorizers, checkers, and clerks.....	50	807	20	—	31	—
Customer service representatives.....	1,881	654	646	712	1,234	637
Eligibility interviewers, government programs.....	66	849	16	—	50	779
File clerks.....	135	704	26	—	109	706
Hotel, motel, and resort desk clerks.....	84	486	35	—	49	—
Interviewers, except eligibility and loan.....	106	671	16	—	89	683
Library assistants, clerical.....	45	—	8	—	37	—
Loan interviewers and clerks.....	114	742	19	—	95	725
New accounts clerks.....	36	—	8	—	28	—
Order clerks.....	80	629	38	—	42	—
Human resources assistants, except payroll and timekeeping.....	45	—	8	—	37	—
Receptionists and information clerks.....	892	602	66	652	826	599
Reservation and transportation ticket agents and travel clerks.....	99	739	43	—	56	691
Information and record clerks, all other.....	92	691	19	—	74	683
Cargo and freight agents.....	14	—	10	—	4	—
Couriers and messengers.....	155	725	131	751	24	—
Dispatchers.....	255	710	110	753	145	691
Meter readers, utilities.....	14	—	12	—	2	—
Postal service clerks.....	104	940	48	—	56	925
Postal service mail carriers.....	266	944	158	965	108	856
Postal service mail sorters, processors, and processing machine operators.....	49	—	26	—	23	—
Production, planning, and expediting clerks.....	238	911	118	1,043	120	798
Shipping, receiving, and traffic clerks.....	544	611	379	616	165	596
Stock clerks and order fillers.....	982	559	643	571	339	538
Weighers, measurers, checkers, and samplers, recordkeeping.....	43	—	22	—	21	—
Secretaries and administrative assistants.....	2,165	739	119	852	2,046	735
Computer operators.....	63	809	27	—	35	—
Data entry keyers.....	224	650	48	—	176	640
Word processors and typists.....	80	683	8	—	72	667

**HOUSEHOLD DATA
ANNUAL AVERAGES**

39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued
[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Desktop publishers.....	1	—	0	—	1	—
Insurance claims and policy processing clerks.....	223	714	34	—	189	711
Mail clerks and mail machine operators, except postal service.....	46	—	30	—	16	—
Office clerks, general.....	935	682	142	780	793	670
Office machine operators, except computer.....	27	—	10	—	17	—
Proofreaders and copy markers.....	6	—	2	—	4	—
Statistical assistants.....	17	—	7	—	10	—
Office and administrative support workers, all other.....	473	758	122	768	352	756
Natural resources, construction, and maintenance occupations.....	11,509	801	10,994	809	515	579
Farming, fishing, and forestry occupations.....	962	539	756	585	206	471
First-line supervisors of farming, fishing, and forestry workers.....	51	711	47	—	4	—
Agricultural inspectors.....	14	—	10	—	4	—
Animal breeders.....	3	—	3	—	0	—
Graders and sorters, agricultural products.....	99	500	32	—	67	487
Miscellaneous agricultural workers.....	701	517	574	553	127	453
Fishers and related fishing workers.....	21	—	21	—	0	—
Hunters and trappers.....	2	—	0	—	1	—
Forest and conservation workers.....	25	—	23	—	2	—
Logging workers.....	47	—	46	—	1	—
Construction and extraction occupations.....	6,147	796	5,987	796	160	802
First-line supervisors of construction trades and extraction workers..	520	1,158	506	1,166	14	—
Boilermakers.....	15	—	15	—	0	—
Brickmasons, blockmasons, and stonemasons.....	121	787	121	787	0	—
Carpenters.....	870	789	851	789	19	—
Carpet, floor, and tile installers and finishers.....	115	631	114	628	1	—
Cement masons, concrete finishers, and terrazzo workers.....	47	—	45	—	2	—
Construction laborers.....	1,443	670	1,400	667	43	—
Paving, surfacing, and tamping equipment operators.....	12	—	12	—	0	—
Pile-driver operators.....	2	—	2	—	0	—
Operating engineers and other construction equipment operators....	324	868	318	868	6	—
Drywall installers, ceiling tile installers, and tapers.....	114	634	112	628	1	—
Electricians.....	726	979	711	974	15	—
Glaziers.....	39	—	39	—	0	—
Insulation workers.....	52	768	49	—	3	—
Painters, construction and maintenance.....	347	683	328	689	20	—
Paperhangers.....	1	—	1	—	0	—
Pipelayers, plumbers, pipefitters, and steamfitters.....	497	866	489	865	8	—
Plasterers and stucco masons.....	24	—	24	—	0	—
Reinforcing iron and rebar workers.....	13	—	13	—	0	—
Roofers.....	174	621	174	621	0	—
Sheet metal workers.....	136	865	132	866	3	—
Structural iron and steel workers.....	43	—	41	—	2	—
Solar photovoltaic installers.....	7	—	7	—	0	—
Helpers, construction trades.....	57	621	53	627	4	—
Construction and building inspectors.....	63	974	60	1,068	4	—
Elevator installers and repairers.....	38	—	38	—	0	—
Fence erectors.....	26	—	25	—	1	—
Hazardous materials removal workers.....	27	—	20	—	6	—
Highway maintenance workers.....	91	761	88	770	4	—
Rail-track laying and maintenance equipment operators.....	10	—	10	—	0	—
Septic tank servicers and sewer pipe cleaners.....	6	—	6	—	0	—
Miscellaneous construction and related workers.....	15	—	14	—	1	—
Derrick, rotary drill, and service unit operators, oil, gas, and mining..	27	—	27	—	0	—
Earth drillers, except oil and gas.....	17	—	17	—	0	—
Explosives workers, ordnance handling experts, and blasters.....	12	—	12	—	0	—
Mining machine operators.....	49	—	49	—	0	—
Roof bolters, mining.....	2	—	2	—	0	—
Roustabouts, oil and gas.....	4	—	4	—	0	—
Helpers--extraction workers.....	5	—	5	—	1	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued
[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Other extraction workers.....	54	900	52	907	2	—
Installation, maintenance, and repair occupations.....	4,400	878	4,251	883	149	736
First-line supervisors of mechanics, installers, and repairers.....	244	1,092	225	1,089	19	—
Computer, automated teller, and office machine repairers.....	173	819	156	833	17	—
Radio and telecommunications equipment installers and repairers... ..	121	1,010	113	1,069	8	—
Avionics technicians.....	7	—	7	—	0	—
Electric motor, power tool, and related repairers.....	30	—	30	—	0	—
Electrical and electronics installers and repairers, transportation equipment.....	1	—	1	—	0	—
Electrical and electronics repairers, industrial and utility.....	14	—	14	—	0	—
Electronic equipment installers and repairers, motor vehicles.....	11	—	11	—	0	—
Electronic home entertainment equipment installers and repairers... ..	38	—	38	—	0	—
Security and fire alarm systems installers.....	71	945	68	943	3	—
Aircraft mechanics and service technicians.....	153	1,169	146	1,175	6	—
Automotive body and related repairers.....	124	821	122	832	1	—
Automotive glass installers and repairers.....	21	—	21	—	0	—
Automotive service technicians and mechanics.....	752	761	737	764	15	—
Bus and truck mechanics and diesel engine specialists.....	367	887	362	887	4	—
Heavy vehicle and mobile equipment service technicians and mechanics.....	177	993	173	1,005	4	—
Small engine mechanics.....	26	—	26	—	0	—
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	64	613	64	613	0	—
Control and valve installers and repairers.....	25	—	25	—	0	—
Heating, air conditioning, and refrigeration mechanics and installers.....	376	830	369	832	7	—
Home appliance repairers.....	26	—	26	—	0	—
Industrial and refractory machinery mechanics.....	395	923	379	932	16	—
Maintenance and repair workers, general.....	511	828	490	834	20	—
Maintenance workers, machinery.....	25	—	25	—	0	—
Millwrights.....	40	—	39	—	1	—
Electrical power-line installers and repairers.....	132	1,191	132	1,191	0	—
Telecommunications line installers and repairers.....	187	879	181	876	5	—
Precision instrument and equipment repairers.....	44	—	34	—	10	—
Wind turbine service technicians.....	6	—	6	—	0	—
Coin, vending, and amusement machine servicers and repairers... ..	24	—	23	—	1	—
Commercial divers.....	0	—	0	—	0	—
Locksmiths and safe repairers.....	20	—	18	—	2	—
Manufactured building and mobile home installers.....	3	—	3	—	0	—
Riggers.....	13	—	13	—	0	—
Signal and track switch repairers.....	11	—	11	—	0	—
Helpers--installation, maintenance, and repair workers.....	15	—	14	—	2	—
Other installation, maintenance, and repair workers.....	156	774	150	772	6	—
Production, transportation, and material moving occupations.....	14,825	692	11,705	736	3,119	545
Production occupations.....	7,589	701	5,545	769	2,044	564
First-line supervisors of production and operating workers.....	722	966	588	1,007	133	716
Aircraft structure, surfaces, rigging, and systems assemblers.....	1	—	0	—	1	—
Electrical, electronics, and electromechanical assemblers.....	123	624	73	682	50	587
Engine and other machine assemblers.....	14	—	11	—	2	—
Structural metal fabricators and fitters.....	25	—	24	—	1	—
Miscellaneous assemblers and fabricators.....	957	630	595	700	362	559
Bakers.....	135	472	67	488	68	464
Butchers and other meat, poultry, and fish processing workers... ..	259	587	196	621	63	487
Food and tobacco roasting, baking, and drying machine operators and tenders.....	7	—	4	—	3	—
Food batchmakers.....	70	575	32	—	38	—
Food cooking machine operators and tenders.....	8	—	3	—	5	—
Food processing workers, all other.....	171	676	119	701	52	545
Computer control programmers and operators.....	100	868	88	912	12	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued
[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	18	—	17	—	1	—
Forging machine setters, operators, and tenders, metal and plastic..	9	—	8	—	1	—
Rolling machine setters, operators, and tenders, metal and plastic...	9	—	6	—	2	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	84	665	74	688	9	—
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	7	—	7	—	0	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	40	—	35	—	4	—
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	14	—	13	—	1	—
Milling and planing machine setters, operators, and tenders, metal and plastic.....	5	—	3	—	2	—
Machinists.....	343	831	326	834	16	—
Metal furnace operators, tenders, pourers, and casters.....	23	—	20	—	3	—
Model makers and patternmakers, metal and plastic.....	3	—	1	—	3	—
Molders and molding machine setters, operators, and tenders, metal and plastic.....	43	—	38	—	5	—
Multiple machine tool setters, operators, and tenders, metal and plastic.....	5	—	4	—	1	—
Tool and die makers.....	59	1,007	56	1,021	3	—
Welding, soldering, and brazing workers.....	541	812	517	821	24	—
Heat treating equipment setters, operators, and tenders, metal and plastic.....	2	—	1	—	1	—
Layout workers, metal and plastic.....	11	—	11	—	0	—
Plating and coating machine setters, operators, and tenders, metal and plastic.....	16	—	14	—	2	—
Tool grinders, filers, and sharpeners.....	7	—	7	—	0	—
Metal workers and plastic workers, all other.....	381	654	303	679	78	574
Prepress technicians and workers.....	13	—	8	—	4	—
Printing press operators.....	151	758	126	789	26	—
Print binding and finishing workers.....	8	—	4	—	4	—
Laundry and dry-cleaning workers.....	106	450	27	—	79	443
Pressers, textile, garment, and related materials.....	19	—	10	—	9	—
Sewing machine operators.....	157	519	49	—	108	521
Shoe and leather workers and repairers.....	1	—	0	—	1	—
Shoe machine operators and tenders.....	3	—	2	—	1	—
Tailors, dressmakers, and sewers.....	31	—	10	—	21	—
Textile bleaching and dyeing machine operators and tenders.....	0	—	0	—	0	—
Textile cutting machine setters, operators, and tenders.....	6	—	2	—	4	—
Textile knitting and weaving machine setters, operators, and tenders.....	17	—	8	—	9	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	12	—	4	—	8	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	0	—	0	—	0	—
Fabric and apparel patternmakers.....	1	—	0	—	1	—
Upholsterers.....	22	—	18	—	4	—
Textile, apparel, and furnishings workers, all other.....	19	—	10	—	9	—
Cabinetmakers and bench carpenters.....	38	—	36	—	2	—
Furniture finishers.....	8	—	7	—	1	—
Model makers and patternmakers, wood.....	1	—	1	—	0	—
Sawing machine setters, operators, and tenders, wood.....	26	—	26	—	0	—
Woodworking machine setters, operators, and tenders, except sawing.....	16	—	12	—	4	—
Woodworkers, all other.....	19	—	15	—	4	—
Power plant operators, distributors, and dispatchers.....	47	—	45	—	2	—
Stationary engineers and boiler operators.....	76	1,088	72	1,142	4	—
Water and wastewater treatment plant and system operators.....	107	907	102	910	5	—
Miscellaneous plant and system operators.....	41	—	34	—	6	—
Chemical processing machine setters, operators, and tenders.....	58	877	55	879	3	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued
[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Crushing, grinding, polishing, mixing, and blending workers.....	70	771	62	795	8	—
Cutting workers.....	51	521	40	—	12	—
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	13	—	10	—	3	—
Furnace, kiln, oven, drier, and kettle operators and tenders.....	5	—	5	—	0	—
Inspectors, testers, sorters, samplers, and weighers.....	717	765	443	853	275	637
Jewelers and precious stone and metal workers.....	24	—	20	—	5	—
Medical, dental, and ophthalmic laboratory technicians.....	57	598	16	—	40	—
Packaging and filling machine operators and tenders.....	275	553	128	598	147	516
Painting workers.....	131	693	117	705	14	—
Photographic process workers and processing machine operators... ..	23	—	16	—	7	—
Semiconductor processors.....	2	—	0	—	2	—
Adhesive bonding machine operators and tenders.....	4	—	4	—	0	—
Cleaning, washing, and metal pickling equipment operators and tenders.....	10	—	8	—	2	—
Cooling and freezing equipment operators and tenders.....	2	—	1	—	1	—
Etchers and engravers.....	5	—	3	—	2	—
Molders, shapers, and casters, except metal and plastic.....	25	—	21	—	4	—
Paper goods machine setters, operators, and tenders.....	28	—	23	—	5	—
Tire builders.....	10	—	10	—	0	—
Helpers—production workers.....	30	—	19	—	11	—
Production workers, all other.....	890	663	653	716	238	570
Transportation and material moving occupations.....	7,236	681	6,160	710	1,075	514
Supervisors of transportation and material moving workers.....	192	881	160	919	31	—
Aircraft pilots and flight engineers.....	112	1,736	105	1,750	7	—
Air traffic controllers and airfield operations specialists.....	16	—	11	—	5	—
Flight attendants.....	71	860	20	—	51	873
Ambulance drivers and attendants, except emergency medical technicians.....	8	—	7	—	1	—
Bus drivers.....	356	605	209	671	148	517
Driver/sales workers and truck drivers.....	2,828	797	2,689	807	139	589
Taxi drivers and chauffeurs.....	362	604	308	623	54	453
Motor vehicle operators, all other.....	33	—	28	—	5	—
Locomotive engineers and operators.....	43	—	36	—	7	—
Railroad brake, signal, and switch operators.....	5	—	5	—	0	—
Railroad conductors and yardmasters.....	42	—	39	—	2	—
Subway, streetcar, and other rail transportation workers.....	9	—	7	—	2	—
Sailors and marine oilers.....	19	—	19	—	0	—
Ship and boat captains and operators.....	29	—	29	—	0	—
Ship engineers.....	3	—	3	—	0	—
Bridge and lock tenders.....	5	—	3	—	2	—
Parking lot attendants.....	65	560	49	—	16	—
Automotive and watercraft service attendants.....	80	514	73	535	7	—
Transportation inspectors.....	41	—	33	—	8	—
Transportation attendants, except flight attendants.....	21	—	11	—	10	—
Other transportation workers.....	20	—	19	—	1	—
Conveyor operators and tenders.....	1	—	1	—	0	—
Crane and tower operators.....	52	902	51	898	1	—
Dredge, excavating, and loading machine operators.....	29	—	28	—	1	—
Hoist and winch operators.....	6	—	6	—	0	—
Industrial truck and tractor operators.....	584	624	538	632	46	—
Cleaners of vehicles and equipment.....	237	530	197	531	40	—
Laborers and freight, stock, and material movers, hand.....	1,450	578	1,196	595	254	500
Machine feeders and offbearers.....	29	—	14	—	15	—
Packers and packagers, hand.....	368	480	158	500	210	462
Pumping station operators.....	19	—	19	—	0	—
Refuse and recyclable material collectors.....	56	522	49	—	7	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued

[Numbers in thousands]

Occupation	2017					
	Total		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Mine shuttle car operators.....	0	—	0	—	0	—
Tank car, truck, and ship loaders.....	6	—	6	—	0	—
Material moving workers, all other.....	41	—	34	—	6	—

NOTE: Updated population controls are introduced annually with the release of January data. Dash indicates no data or data that do not meet publication criteria (values not shown where base is less than 50,000).