

Covered employment summaries derive from the Quarterly Census of Employment and Wages (QCEW), administrative records employers report, by law, to the Washington State Employment Security Department (ESD). The dataset for March of each year is presented here as a representative month when seasonal fluctuations are minimized. The unit of measurement is jobs, rather than working persons or proportional full-time employment (FTE) equivalents; part-time and temporary positions are included. Locations are measured as separate reporting workplaces, rather than firms. To provide more accurate workplace reporting, PSRC gathers supplemental data from the Boeing Company, the Office of Washington Superintendent of Public Instruction (OSPI), and governmental units throughout the central Puget Sound region.

Covered Employment refers to positions covered by the Washington Unemployment Insurance Act. The Act exempts the self-employed, proprietors and corporate officers, military personnel, and railroad workers, so those categories are not included in the dataset. Covered Employment accounts for approximately 85-90% of all employment.

TITLE

2019 Covered Employment Estimates by Jurisdiction

CONTACT(S)

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1.0 DATA SET OVERVIEW

Abstract: Covered Employment Estimates summarize employment from PSRC's point-level workplace employment dataset. The data represents a census of covered employers within the Puget Sound Region.

Time period covered by the data: March 2019

Data available: Annual

Release: July 2020

Last Updated: Release, July 2020

Physical location: (latitude and longitude)

Data Source: Quarterly Census of Employment and Wages, Washington State Employment Security Department

2.0 DATA STORAGE AND ACCESS INFORMATION

File type: Microsoft Excel

External location of data: <http://psrc.org/data/employment/covered-emp>

Data processing environment: SQL Server 2016, ArcGIS 10.7, MS Excel Office 365

Size of file: 83KB

3.0 DATA COLLECTION AND PROCESSING

Description of data collection: Data is received near year end from the State Employment Security Department (ESD) for the first quarter of that same year. Supplemental information from Boeing, OSPI, and governmental units from the same period are collected directly by PSRC and used as distributions of the jobs totals reported by ESD. Duplicates, temporary staffing agencies, ski resorts, out-of-area records, and unlocatable records are removed from the dataset. Major sector employment totals by county from the initial ESD dataset are used as control totals, and applied proportionally to each record's employment data to arrive at a total matching that of ESD.

Description of derived parameters and processing techniques: N/A

4.0 QUALITY CONTROL PROCEDURES

Description of quality control procedures: The dataset is compared against previous values, and reviewed by member jurisdictions for accuracy.

5.0 DATA REMARKS

Assessment of the data: These employment estimates are based on the Washington State Employment Security Department's (ESD) Quarterly Census of Employment and Wages (QCEW) series (formerly known as ES-202). This series consists of employment for those firms, organizations and individuals whose employees are covered by the Washington Unemployment Insurance Act. Covered employment excludes self-employed workers, proprietors, CEOs, etc., and other non-insured workers. Typically, covered employment has represented 85-90% of total employment. Note that this includes part-time and temporary employment, and if a worker holds more than one job, each job would appear in the database.

The Puget Sound Regional Council protects confidential employer information through data suppression, as stipulated by ESD. Data from individual employers is not shared; where aggregate employment values represent fewer than three reporting firms, or when a single employer accounts for more than 80 percent of jobs, the value is withheld (in these tables, replaced with an asterisk). Additionally, since grand totals are included in the table, an additional suppression is made in any industrial category or geography with a single suppressed value, to prevent disclosure through subtraction. Boeing employment is included in NAICS code 33 and the manufacturing sector.

Locational data may still reflect centralized payroll reporting rather than actual work location in many cases. Removal of records and normalization to control totals result in divergences from reported values.

These data correspond with ESD's final 2019 QCEW revision.

Missing data periods: N/A

Data intercomparisons: N/A

6.0 REFERENCE REQUIREMENTS

Puget Sound Regional Council, Seattle, WA - 2019 Covered Employment Estimates by Jurisdiction

7.0 DATA ATTRIBUTES

Tables included in this file divide regional employment by city and by tract. They include two related industrial categorizations, which utilize the North American Industry Classification System (NAICS) and divide between public and private sectors.

2-Digit Naics categories are as follows:

- 11 - Agriculture, Forestry, Fishing and Hunting
- 21 - Mining
- 22 - Utilities
- 23 - Construction
- 31-33 - Manufacturing
- 42 - Wholesale Trade
- 44-45 - Retail Trade
- 48-49 - Transportation and Warehousing
- 51 - Information
- 52 - Finance and Insurance
- 53 - Real Estate and Rental and Leasing
- 54 - Professional, Scientific and Technical Services
- 55 - Management of Companies and Enterprises
- 56 - Administrative and Support and Waste Management and Remediation Services
- 61 - Educational Services
- 62 - Health Care and Social Assistance
- 71 - Arts, Entertainment and Recreation
- 72 - Accommodation and Food Services
- 81 - Other Services (except Public Administration)

Major sector categories combine NAICS categories as follows:

Construction and Resources (Const/Res): 11, 21, 23

Finance, Insurance and Real Estate (FIRE): 52, 53

Manufacturing: 31-33

Retail: 44, 45

Services: 51, 54-56, 61 (private-sector portion), 62, 71, 72, 81

Wholesale Trade, Transportation, and Utilities (WTU): 22, 42, 48, 49

Government: Public-sector employment, excluding education

Education: 61(public-sector portion)

PSRC Covered Employment Estimates (scaled to ESD totals), the City of Seattle- NAICS 3-Digit																							
NAICS-3-Digit	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Nursing and Residential Care Facilities (623)	7,471	7,871	8,178	7,850	7,928	7,774	7,658	7,708	7,760	7,903	8,379	8,566	9,020	9,340	9,721	9,330	8,792	9,133	8,683	8,320	8,397	8,201	7,820
Social Assistance (624)	8,909	11,188	10,540	10,792	10,619	10,565	11,700	11,736	11,561	12,139	12,640	11,964	12,906	13,572	14,282	17,706	17,824	17,639	18,184	19,293	19,461	17,249	16,796
Performing Arts, Spectator Sports and Related Industries (711)	3,099	4,351	4,090	3,668	3,565	4,048	4,168	3,924	3,854	4,092	4,072	4,261	4,209	4,037	4,484	4,699	4,855	4,875	4,800	5,140	5,397	5,728	3,117
Museums, Historical Sites and Similar Institutions (712)	723	995	1,050	968	1,128	1,278	1,156	1,330	1,384	1,540	1,462	1,399	1,518	1,572	1,606	1,491	1,496	1,614	1,655	1,814	1,832	1,800	1,219
Amusement, Gambling and Recreation Industries (713)	2,695	2,879	2,889	2,577	2,518	2,827	2,880	2,874	3,456	3,668	3,292	3,350	3,520	3,632	3,911	4,086	4,090	4,454	5,096	4,877	5,155	5,668	2,930
Accommodation (721)	5,713	6,262	6,916	6,495	6,710	6,880	6,680	6,676	7,436	7,082	6,926	6,833	6,841	6,781	6,951	7,022	7,225	7,440	7,387	7,715	8,499	8,766	2,742
Food Services and Drinking Places (722)	26,485	32,460	32,062	31,051	30,699	31,667	33,210	34,604	35,879	37,365	34,245	35,172	36,965	39,687	42,351	42,963	45,189	47,128	48,866	51,117	50,322	47,413	27,023
Repair and Maintenance (811)	3,867	3,983	3,735	3,598	3,478	3,252	3,362	3,213	3,233	3,268	3,021	2,913	2,735	2,654	2,660	2,830	3,094	2,944	2,720	2,804	2,772	2,629	2,277
Personal and Laundry Services (812)	5,382	6,188	6,220	5,676	5,122	5,049	5,195	5,486	5,440	5,659	5,622	5,506	5,945	6,369	6,427	6,540	6,198	6,530	6,918	6,965	6,948	6,950	4,790
Religious, Grantmaking, Civic, Professional and Similar Organizations (813)	5,574	7,245	7,004	7,037	7,510	6,978	7,242	7,475	7,510	7,580	7,907	7,781	8,051	8,194	8,469	8,620	8,809	9,137	9,469	9,702	12,409	12,899	12,281
Private Households (814)	2,504	3,229	3,818	3,674	4,205	3,786	3,810	3,682	3,948	3,911	4,175	5,487	5,807	5,705	4,842	2,415	2,651	2,757	2,942	2,924	2,894	2,833	2,951
Government	51,571	47,565	48,104	47,518	48,424	46,741	46,453	44,811	45,174	47,128	46,758	48,468	47,728	46,681	46,352	46,470	46,615	47,555	48,287	49,374	48,276	50,694	49,775
Education	28,625	32,094	31,771	33,882	32,723	32,981	34,872	34,485	34,196	34,584	34,384	34,570	34,988	35,204	32,831	36,965	38,050	39,043	39,651	37,119	37,624	37,581	36,143
Total	426,729	502,835	497,205	468,763	462,210	456,578	464,429	470,681	478,351	496,877	473,280	462,180	473,921	483,318	499,946	514,710	535,430	558,023	581,780	602,142	619,911	637,908	589,793
	* Indicates data suppression																						