



Quality Information, Informed Choices

Labor Market Information

875 Union NE, Salem, OR 97311 • www.QualityInfo.org

April 2020

Contact information: Erik Knoder
Regional Economist
541-351-5595

Erik.A.Knoder@oregon.gov

Third Quarter 2019: Jobs Increase and Median Wage Rises

Oregon employers must report total wages and hours worked for each employee covered by unemployment insurance. These quarterly records cover more than two million individuals employed in the state but don't include roughly 280,000 self-employed workers. Past quarterly wage reports are available in the Oregonians @ Work box at www.qualityinfo.org/pubs.

Oregon's employers reported a total of 2,238,980 jobs during the third quarter of 2019 (July, August, and September). This continued an upward trend in employment that began in 2010, and was an increase of about 44,000 jobs over the previous quarter. The median (middle) wage of all non-federal jobs was \$20.37 per hour during the second quarter, which was \$0.21 per hour higher than the previous quarter.

Why the rise in median wage? It was largely due to the decrease in lower-wage jobs and an increase in jobs that paid \$15 to \$30 per hour. Part of this shift to higher wages was probably due to the increase in Oregon's minimum wage to \$11.25 per hour for standard counties and \$12.50 per hour for the Portland metro area that took effect on July 1. Even workers who make a little more than minimum wage already may see a wage increase when the minimum wage increases. Another reason was the tight labor market that prevailed during the third quarter, which is often the peak employment quarter for many seasonal industries. That part was good news for Oregon's economy. In addition to losing some lower-wage jobs, Oregon lost nearly 1,300 higher-wage jobs (those paying \$50 to \$60 per hour) from the first to the second quarter of 2019. The largest drops in these higher-wage jobs came from the professional and business services industry and from local government. Local government includes schools, which often cut back on staff over the summer.

In addition to local government, which lost a total of 11,276 jobs, some other industries had large employment changes in the third quarter. Natural resources (including agriculture) and mining (+25,460 jobs), leisure and hospitality (+8,718 jobs), and construction (+5,328 jobs) all are noted as seasonal industries, and all had large employment gains during the third quarter.

The impact of measures taken in response to the COVID-19 pandemic will likely change the employment situation for the upcoming third quarter of 2020. July 1, 2020 will produce another increase in the minimum wage which may help to raise median wages again. The third quarter

could also see the addition of seasonal jobs, but it's likely that some of the jobs lost in response to the pandemic will not be recovered by then.

To provide better data, this analysis also filters out job records that probably contain errors. Jobs that report zero hours or more than 999 hours (about 77 hours per week) worked in a quarter and jobs that paid less than the federal minimum wage (\$7.25 per hour) are excluded. Jobs that paid more than \$500 per hour and reported less than 10 hours work during the quarter are also excluded.

Table 1: Oregon - Number of Jobs by Hourly Wage Level and Broad Industry - 3rd Quarter 2019*

	Under \$10.00	\$10.00 - \$14.99	\$15.00 - \$19.99	\$20.00 - \$29.99	\$30.00 - \$39.99	\$40.00 - \$49.99	\$50.00 - \$59.99	\$60.00 or more	Total	Median Wage
Total - All Industries	13,892	605,165	466,937	490,321	238,586	145,836	90,581	187,662	2,238,980	\$20.37
Natural Resources and Mining	833	44,619	28,131	22,241	5,776	1,801	687	1,501	105,589	\$15.86
Construction	432	12,038	24,973	37,671	23,191	19,504	7,744	6,986	132,539	\$26.95
Manufacturing	1,201	31,752	48,147	58,598	26,954	15,632	10,250	24,547	217,081	\$23.72
Wholesale Trade	267	11,132	17,999	23,195	11,598	6,381	4,075	9,898	84,545	\$24.95
Retail Trade	1,554	125,990	56,896	38,062	12,455	4,952	2,753	6,851	249,513	\$14.85
Transportation, Warehousing, and Utilities	353	8,851	21,310	19,470	8,429	4,687	3,430	6,456	72,986	\$22.23
Information	137	4,510	4,165	7,577	6,299	4,699	3,207	7,731	38,325	\$34.10
Financial Activities	511	10,203	19,653	26,385	13,165	8,303	5,206	11,515	94,941	\$25.60
Professional and Business Services	1,713	72,276	59,755	54,202	30,330	19,600	12,806	29,061	279,743	\$20.66
Private Educational Services	466	8,022	6,611	8,483	4,430	2,391	1,643	2,651	34,697	\$22.00
Health Care & Social Assistance	1,782	62,741	64,696	72,860	28,154	20,000	15,590	36,317	302,140	\$21.42
Leisure and Hospitality	1,849	151,636	62,946	40,568	11,919	3,180	1,398	3,703	277,199	\$14.31
Other Services	1,027	32,875	20,802	18,316	7,529	3,603	1,996	3,575	89,723	\$16.99
State Government	38	782	3,259	11,996	11,454	7,960	4,139	3,454	43,082	\$34.42
Local Government	1,709	27,413	27,263	50,409	36,720	23,015	15,579	33,195	215,303	\$30.15
Non-classifiable	20	325	331	288	183	128	78	221	1,574	\$22.66

* Count of records. Individuals holding multiple jobs will be counted more than once.

Records meeting the following conditions have been excluded from this analysis:

- 0 (zero) hours reported
- 999 hours reported
- wages < \$7.25/hr calculated
- wages > \$500/hr calculated and < 10 hours reported
- federal government employment

Source: Unemployment Insurance Wage Records

Table 2: Oregon - Fraction of Jobs by Broad Industry by Hourly Wage Level - 3rd Quarter 2019*

	Under \$10.00	\$10.00 - \$14.99	\$15.00 - \$19.99	\$20.00 - \$29.99	\$30.00 - \$39.99	\$40.00 - \$49.99	\$50.00 - \$59.99	\$60.00 or more	Total
Total - All Industries	0.6%	27.0%	20.9%	21.9%	10.7%	6.5%	4.0%	8.4%	100.0%
Natural Resources and Mining	0.8%	42.3%	26.6%	21.1%	5.5%	1.7%	0.7%	1.4%	100.0%
Construction	0.3%	9.1%	18.8%	28.4%	17.5%	14.7%	5.8%	5.3%	100.0%
Manufacturing	0.6%	14.6%	22.2%	27.0%	12.4%	7.2%	4.7%	11.3%	100.0%
Wholesale Trade	0.3%	13.2%	21.3%	27.4%	13.7%	7.5%	4.8%	11.7%	100.0%
Retail Trade	0.6%	50.5%	22.8%	15.3%	5.0%	2.0%	1.1%	2.7%	100.0%
Transportation, Warehousing, and Utilities	0.5%	12.1%	29.2%	26.7%	11.5%	6.4%	4.7%	8.8%	100.0%
Information	0.4%	11.8%	10.9%	19.8%	16.4%	12.3%	8.4%	20.2%	100.0%
Financial Activities	0.5%	10.7%	20.7%	27.8%	13.9%	8.7%	5.5%	12.1%	100.0%
Professional and Business Services	0.6%	25.8%	21.4%	19.4%	10.8%	7.0%	4.6%	10.4%	100.0%
Private Educational Services	1.3%	23.1%	19.1%	24.4%	12.8%	6.9%	4.7%	7.6%	100.0%
Health Care & Social Assistance	0.6%	20.8%	21.4%	24.1%	9.3%	6.6%	5.2%	12.0%	100.0%
Leisure and Hospitality	0.7%	54.7%	22.7%	14.6%	4.3%	1.1%	0.5%	1.3%	100.0%
Other Services	1.1%	36.6%	23.2%	20.4%	8.4%	4.0%	2.2%	4.0%	100.0%
State Government	0.1%	1.8%	7.6%	27.8%	26.6%	18.5%	9.6%	8.0%	100.0%
Local Government	0.8%	12.7%	12.7%	23.4%	17.1%	10.7%	7.2%	15.4%	100.0%
Non-classifiable	1.3%	20.6%	21.0%	18.3%	11.6%	8.1%	5.0%	14.0%	100.0%

* Count of records. Individuals holding multiple jobs will be counted more than once.

Records meeting the following conditions have been excluded from this analysis:

- 0 (zero) hours reported
- 999 hours reported
- wages < \$7.25/hr calculated
- wages > \$500/hr calculated and < 10 hours reported
- federal government employment

Source: *Unemployment Insurance Wage Records*

Table 3: Oregon - Fraction of Jobs by Hourly Wage Level by Broad Industry - 3rd Quarter 2019*

	Under \$10.00	\$10.00 - \$14.99	\$15.00 - \$19.99	\$20.00 - \$29.99	\$30.00 - \$39.99	\$40.00 - \$49.99	\$50.00 - \$59.99	\$60.00 or more	Total
Total - All Industries	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Natural Resources and Mining	6.0%	7.4%	6.0%	4.5%	2.4%	1.2%	0.8%	0.8%	4.7%
Construction	3.1%	2.0%	5.3%	7.7%	9.7%	13.4%	8.5%	3.7%	5.9%
Manufacturing	8.6%	5.2%	10.3%	12.0%	11.3%	10.7%	11.3%	13.1%	9.7%
Wholesale Trade	1.9%	1.8%	3.9%	4.7%	4.9%	4.4%	4.5%	5.3%	3.8%
Retail Trade	11.2%	20.8%	12.2%	7.8%	5.2%	3.4%	3.0%	3.7%	11.1%
Transportation, Warehousing, and Utilities	2.5%	1.5%	4.6%	4.0%	3.5%	3.2%	3.8%	3.4%	3.3%
Information	1.0%	0.7%	0.9%	1.5%	2.6%	3.2%	3.5%	4.1%	1.7%
Financial Activities	3.7%	1.7%	4.2%	5.4%	5.5%	5.7%	5.7%	6.1%	4.2%
Professional and Business Services	12.3%	11.9%	12.8%	11.1%	12.7%	13.4%	14.1%	15.5%	12.5%
Private Educational Services	3.4%	1.3%	1.4%	1.7%	1.9%	1.6%	1.8%	1.4%	1.5%
Health Care & Social Assistance	12.8%	10.4%	13.9%	14.9%	11.8%	13.7%	17.2%	19.4%	13.5%
Leisure and Hospitality	13.3%	25.1%	13.5%	8.3%	5.0%	2.2%	1.5%	2.0%	12.4%
Other Services	7.4%	5.4%	4.5%	3.7%	3.2%	2.5%	2.2%	1.9%	4.0%
State Government	0.3%	0.1%	0.7%	2.4%	4.8%	5.5%	4.6%	1.8%	1.9%
Local Government	12.3%	4.5%	5.8%	10.3%	15.4%	15.8%	17.2%	17.7%	9.6%
Non-classifiable	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

* Count of records. Individuals holding multiple jobs will be counted more than once.

Records meeting the following conditions have been excluded from this analysis:

- 0 (zero) hours reported
- 999 hours reported
- wages < \$7.25/hr calculated
- wages > \$500/hr calculated and < 10 hours reported
- federal government employment

Source: *Unemployment Insurance Wage Records*

Table 4: Oregon - Number of Jobs by Hourly Wage Level and Firm Employment Size Class - 3rd Quarter 2019*

	Under \$10.00	\$10.00 - \$14.99	\$15.00 - \$19.99	\$20.00 - \$29.99	\$30.00 - \$39.99	\$40.00 - \$49.99	\$50.00 - \$59.99	\$60.00 or more	Total	Median Wage
Total - All Size Classes	13,892	605,165	466,937	490,321	238,586	145,836	90,581	187,662	2,238,980	\$20.37
Under 5 employees	1,664	33,121	26,419	26,148	11,138	6,475	4,060	10,435	119,460	\$19.65
5 - 9 employees	1,015	40,538	31,723	29,883	11,969	6,359	3,173	6,867	131,527	\$18.41
10 - 19 employees	1,062	59,338	43,425	41,821	17,070	9,352	4,442	9,143	185,653	\$18.38
20 - 49 employees	1,624	93,650	66,715	64,180	28,151	14,886	7,622	15,184	292,012	\$18.47
50 - 99 employees	1,435	62,443	50,367	49,880	24,084	13,804	7,192	13,388	222,593	\$19.60
100 - 249 employees	2,378	83,573	66,743	65,948	33,063	19,153	10,144	20,534	301,536	\$19.80
250 - 499 employees	1,415	59,789	48,013	47,383	24,644	15,539	8,776	17,239	222,798	\$20.28
500 or more employees	3,299	172,713	133,532	165,078	88,467	60,268	45,172	94,872	763,401	\$23.37

* Count of records. Individuals holding multiple jobs will be counted more than once.

Records meeting the following conditions have been excluded from this analysis:

- 0 (zero) hours reported
- 999 hours reported
- wages < \$7.25/hr calculated
- wages > \$500/hr calculated and < 10 hours reported
- federal government employment

Source: *Unemployment Insurance Wage Records*

Table 5: Oregon - Fraction of Jobs by Firm Employment Size Class by Hourly Wage Level - 3rd Quarter 2019*

	Under \$10.00	\$10.00 - \$14.99	\$15.00 - \$19.99	\$20.00 - \$29.99	\$30.00 - \$39.99	\$40.00 - \$49.99	\$50.00 - \$59.99	\$60.00 or more	Total
Total - All Size Classes	0.6%	27.0%	20.9%	21.9%	10.7%	6.5%	4.0%	8.4%	100.0%
Under 5 employees	1.4%	27.7%	22.1%	21.9%	9.3%	5.4%	3.4%	8.7%	100.0%
5 - 9 employees	0.8%	30.8%	24.1%	22.7%	9.1%	4.8%	2.4%	5.2%	100.0%
10 - 19 employees	0.6%	32.0%	23.4%	22.5%	9.2%	5.0%	2.4%	4.9%	100.0%
20 - 49 employees	0.6%	32.1%	22.8%	22.0%	9.6%	5.1%	2.6%	5.2%	100.0%
50 - 99 employees	0.6%	28.1%	22.6%	22.4%	10.8%	6.2%	3.2%	6.0%	100.0%
100 - 249 employees	0.8%	27.7%	22.1%	21.9%	11.0%	6.4%	3.4%	6.8%	100.0%
250 - 499 employees	0.6%	26.8%	21.6%	21.3%	11.1%	7.0%	3.9%	7.7%	100.0%
500 or more employees	0.4%	22.6%	17.5%	21.6%	11.6%	7.9%	5.9%	12.4%	100.0%

* Count of records. Individuals holding multiple jobs will be counted more than once.

Records meeting the following conditions have been excluded from this analysis:

- 0 (zero) hours reported
- 999 hours reported
- wages < \$7.25/hr calculated
- wages > \$500/hr calculated and < 10 hours reported
- federal government employment

Source: Unemployment Insurance Wage Records

Table 6: Oregon - Fraction of Jobs in Hourly Wage Level by Firm Employment Size Class - 3rd Quarter 2019*

	Under \$10.00	\$10.00 - \$14.99	\$15.00 - \$19.99	\$20.00 - \$29.99	\$30.00 - \$39.99	\$40.00 - \$49.99	\$50.00 - \$59.99	\$60.00 or more	Total
Total - All Size Classes	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Under 5 employees	12.0%	5.5%	5.7%	5.3%	4.7%	4.4%	4.5%	5.6%	5.3%
5 - 9 employees	7.3%	6.7%	6.8%	6.1%	5.0%	4.4%	3.5%	3.7%	5.9%
10 - 19 employees	7.6%	9.8%	9.3%	8.5%	7.2%	6.4%	4.9%	4.9%	8.3%
20 - 49 employees	11.7%	15.5%	14.3%	13.1%	11.8%	10.2%	8.4%	8.1%	13.0%
50 - 99 employees	10.3%	10.3%	10.8%	10.2%	10.1%	9.5%	7.9%	7.1%	9.9%
100 - 249 employees	17.1%	13.8%	14.3%	13.4%	13.9%	13.1%	11.2%	10.9%	13.5%
250 - 499 employees	10.2%	9.9%	10.3%	9.7%	10.3%	10.7%	9.7%	9.2%	10.0%
500 or more employees	23.7%	28.5%	28.6%	33.7%	37.1%	41.3%	49.9%	50.6%	34.1%

* Count of records. Individuals holding multiple jobs will be counted more than once.

Records meeting the following conditions have been excluded from this analysis:

- 0 (zero) hours reported
- 999 hours reported
- wages < \$7.25/hr calculated
- wages > \$500/hr calculated and < 10 hours reported
- federal government employment

Source: Unemployment Insurance Wage Records

Table 7: Oregon - Unemployment Insurance Wage Record Summary Statistics - 3rd Quarter 2019

	Count	12-Month Percent Change	Percent of Total SSNs	Total Wages	12-Month Percent Change	Percent of Total Wages	Mean Wages Per Quarter	12-Month Percent Change
Total SSNs	2,015,756	1.2%	100.0%	\$ 24,957,278,160	2.4%	100.0%	\$ 12,381	1.2%
One Job	1,773,990	1.3%	88.0%	\$ 22,570,546,694	2.3%	90.4%	\$ 12,723	1.0%
Two Jobs	205,773	0.2%	10.2%	\$ 2,056,089,242	3.0%	8.2%	\$ 9,992	2.9%
Three Jobs	27,922	1.4%	1.4%	\$ 250,894,732	5.6%	1.0%	\$ 8,986	4.1%
Four or More Jobs	8,071	4.3%	0.4%	\$ 79,747,492	5.3%	0.3%	\$ 9,881	1.0%
Total Records	2,307,167	1.2%						
Records per SSN	1.14							
Two or More Jobs	241,766	0.5%	12.0%					
Workers in Oregon's workforce in 2nd Quarter 2019 who:								
- did not work in Oregon in 1st quarter 2019	177,542	-2.2%						
- had not worked in Oregon since 1990	66,291	-0.6%						
- returned to Oregon's workforce*	111,251	-3.1%						
Percent in workforce one year ago	83.4%							
Percent in same primary industry	83.7%							
Percent in new primary industry (3-digit NAICS)	16.3%							

*Did not work in Oregon in 2nd Quarter 2019, but have worked in Oregon at some point since 1990.

Source: Unemployment Insurance Wage Records

Table 8: Oregon - Quarterly Wages by Quintile and Hours Worked - 3rd Quarter 2019

2019 3rd Quarter Wages

All Workers

	Quintile					
	All ¹	1	2	3	4	5
Quintiles		\$3,838	\$7,434	\$11,161	\$17,881	NA
Mean	\$12,381	\$1,839	\$5,704	\$9,182	\$14,081	\$31,099
Median	\$9,120	\$1,815	\$5,757	\$9,120	\$13,866	\$24,742

¹2,015,756 SSNs

Employed 200+ Hours

	Quintile					
	All ²	1	2	3	4	5
Quintiles		\$6,245	\$9,105	\$12,836	\$19,623	NA
Mean	\$14,405	\$4,505	\$7,682	\$10,832	\$15,819	\$33,186
Median	\$10,763	\$4,600	\$7,680	\$10,763	\$15,603	\$26,658

²1,626,611 SSNs

Employed 350+ Hours

	Quintile					
	All ³	1	2	3	4	5
Quintiles		\$7,718	\$10,434	\$14,269	\$21,200	NA
Mean	\$16,585	\$6,163	\$9,034	\$12,204	\$17,323	\$35,430
Median	\$12,368	\$6,325	\$9,002	\$12,123	\$17,135	\$28,470

³1,325,209 SSNs

Percent Change from Prior Year

All Workers

	Quintile					
	All ¹	1	2	3	4	5
Quintiles		5.0%	4.3%	3.1%	2.9%	NA
Mean	1.2%	5.5%	4.6%	3.5%	2.9%	-1.0%
Median	3.4%	5.9%	4.8%	3.4%	2.7%	2.6%

Employed 200+ Hours

	Quintile					
	All ²	1	2	3	4	5
Quintiles		4.1%	3.1%	2.6%	2.6%	NA
Mean	0.9%	4.7%	3.8%	2.8%	2.6%	-1.5%
Median	2.8%	4.5%	3.8%	2.8%	2.6%	2.3%

Employed 350+ Hours

	Quintile					
	All ³	1	2	3	4	5
Quintiles		4.2%	3.3%	2.8%	2.7%	NA
Mean	4.6%	4.9%	3.7%	2.9%	2.8%	-1.6%
Median	4.9%	4.9%	3.5%	2.8%	2.8%	2.0%

Source: Unemployment Insurance Wage Records