

Median Earnings and Hours for NCPs and Non-NCPs for Selected Years Based on Hourly Wage Thresholds, Washington State

5/6/2019

Workers Earning*	NCPs						% Earning less than Full-Time At \$9.47 /hr	Non-NCPs					
	#	Median Ann Hours	Median Weekly Hours	Median Ann Earnings*	Median /\$19,698			#	Median Ann Hours	Median Weekly Hours	Median Ann Earnings*	Median /\$19,698	% Earning less than Full-Time At \$9.47 /hr
Full-Time work at \$9.47 / hr			40	\$19,698	1.0			40		\$19,698			
2008													
≤ \$11 hour	45,156	595	11.4	\$6,315.33	0.32	85.08%	957,110	706	13.6	\$7,326.62	0.37	82.73%	
≤ \$15 hour	73,245	870	16.7	\$10,430.07	0.53	70.54%	1,506,323	995	19.1	\$11,758.71	0.60	67.55%	
≤ \$19 hour	94,183	1035	19.9	\$13,884.17	0.70	61.18%	1,922,970	1196	23.0	\$15,678.07	0.80	57.61%	
2012													
≤ \$11 hour	34,808	540	10.4	\$5,454.24	0.28	90.38%	721,180	660	12.7	\$6,601.41	0.34	88.12%	
≤ \$15 hour	62,284	807	15.5	\$9,113.36	0.46	76.19%	1,257,872	943	18.1	\$10,557.06	0.54	73.45%	
≤ \$19 hour	81,375	989	19.0	\$12,179.08	0.62	66.41%	1,660,920	1140	21.9	\$14,030.91	0.71	62.67%	
2016													
≤ \$11 hour	15,799	385	7.4	\$3,791.38	0.19	95.99%	381,181	453	8.7	\$4,455.50	0.23	95.09%	
≤ \$15 hour	45,161	706	13.6	\$8,110.58	0.41	78.80%	1,090,307	792	15.2	\$9,030.51	0.46	76.88%	
≤ \$19 hour	65,546	942	18.1	\$11,818.86	0.60	66.71%	1,604,978	1035	19.9	\$13,099.15	0.66	64.24%	
2018													
≤ \$11 hour	516	391	7.5	\$3,656.16	0.19	93.02%	16,589	420	8.1	\$3,891.86	0.20	92.13%	
≤ \$15 hour	26,083	554	10.7	\$6,544.40	0.33	83.85%	697,050	635	12.2	\$7,430.12	0.38	82.25%	
≤ \$19 hour	49,585	854	16.4	\$11,167.21	0.57	69.01%	1,331,884	937	18.0	\$12,232.35	0.62	66.77%	

* Normalized to 2015 \$'s

Median Earnings and Hours for NCPs and Non-NCPs for Selected Years, Washington State

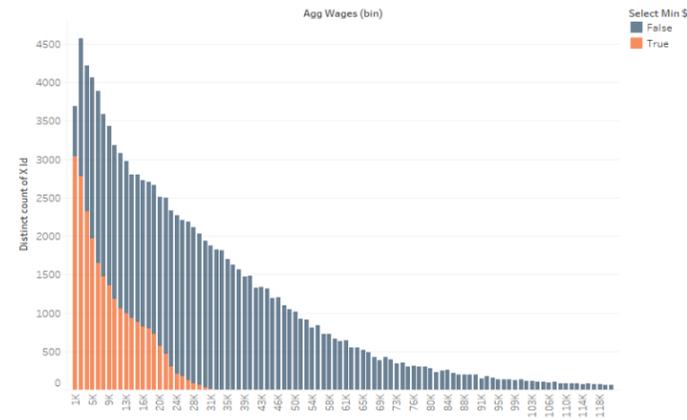
5/6/2019

Year	total NCPs	NCPs			Non-NCPs			NCPs	Non-NCPs
		# w/ Hrly Wage >75% Min Wage	Median Ann Hours	Median Earns*	# w/ Hrly Wage >75% Min Wage	Median Ann Hours	Median Earns*	Median Weekly Hour	Median Weekly Hour
2008	311,020	136,631	1,268	\$19,541.35	3,263,667	1,604	\$27,324.00	24	31
2012	321,792	127,308	1,268	\$19,776.26	3,207,380	1,630	\$29,098.06	24	31
2016	276,926	117,512	1,370	\$23,649.43	3,594,110	1,638	\$32,648.00	26	32
2018	261,330	111,690	1,415	\$27,305.00	3,737,076	1,608	\$35,883.53	27	31

*Earnings not converted to 2015 \$'s

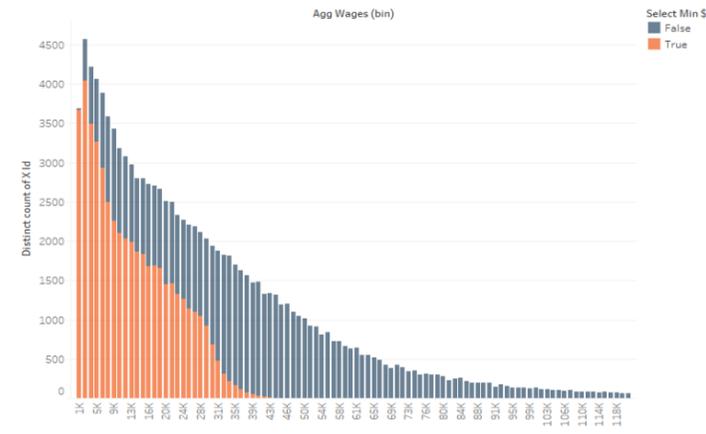
2012

Frequency of Annual Earnings for NCPs by Hourly Earnings Threshold of Less than \$11/Hr (True), 2012



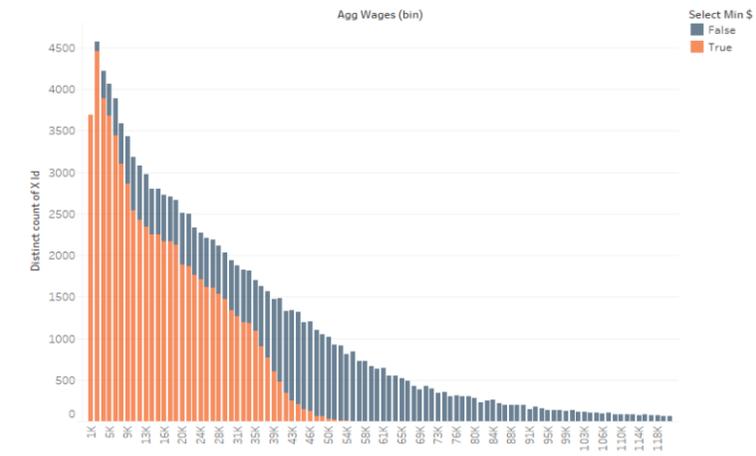
Distinct count of X Id for each Agg Wages (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage, Agg Wages and ncp_flag. The Agg Hrs filter ranges from 150 to 3000. The Hrly_wage filter ranges from 6.57 to 419. The Agg Wages filter ranges from 500 to 121433. The ncp_flag filter keeps NCP.

Frequency of Annual Earnings for NCPs by Hourly Earnings Threshold of Less than \$15/Hr (True), 2012



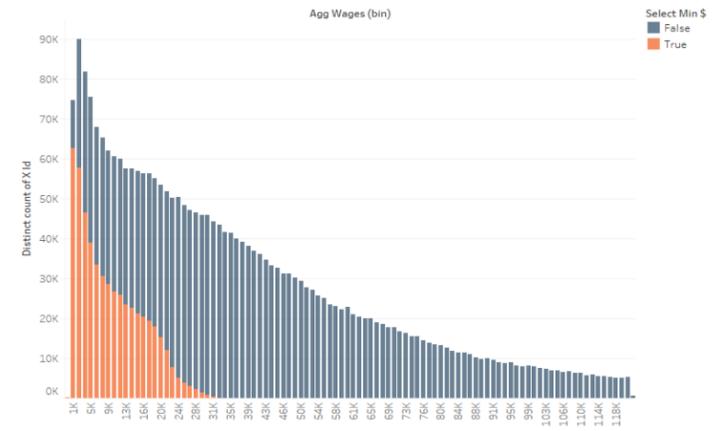
Distinct count of X Id for each Agg Wages (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage, Agg Wages and ncp_flag. The Agg Hrs filter ranges from 150 to 3000. The Hrly_wage filter ranges from 6.57 to 419. The Agg Wages filter ranges from 500 to 121433. The ncp_flag filter keeps NCP.

Frequency of Annual Earnings for NCPs by Hourly Earnings Threshold of Less than \$19/Hr (True), 2012



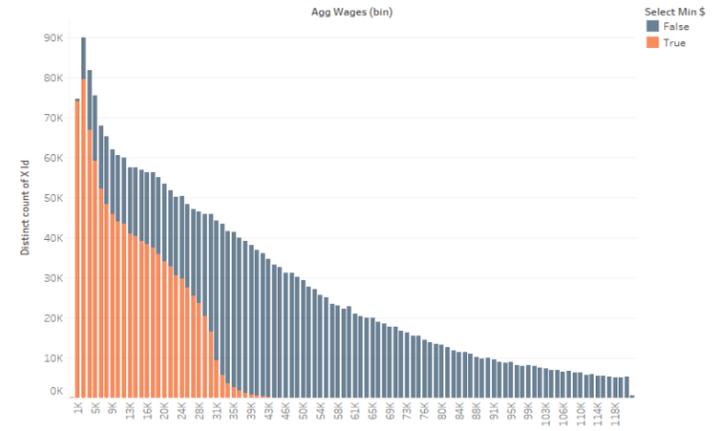
Distinct count of X Id for each Agg Wages (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage, Agg Wages and ncp_flag. The Agg Hrs filter ranges from 150 to 3000. The Hrly_wage filter ranges from 6.57 to 419. The Agg Wages filter ranges from 500 to 121433. The ncp_flag filter keeps NCP.

Frequency of Annual Earnings for Non-NCPs by Hourly Earnings Threshold of Less than \$11/Hr (True), 2012



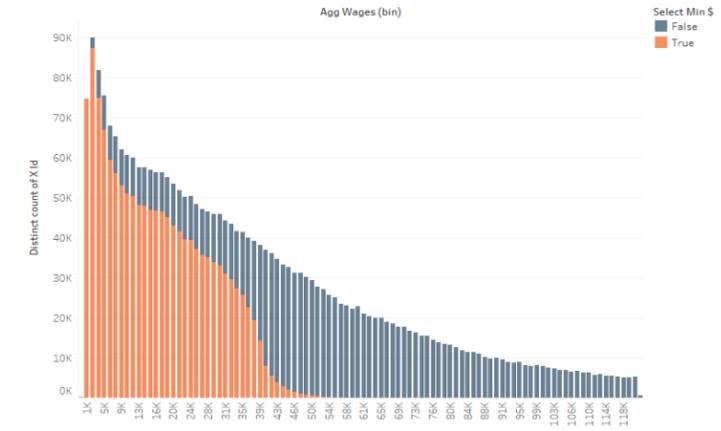
Distinct count of X Id for each Agg Wages (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage, Agg Wages and ncp_flag. The Agg Hrs filter ranges from 150 to 3000. The Hrly_wage filter ranges from 6.57 to 419. The Agg Wages filter ranges from 500 to 121433. The ncp_flag filter keeps Non-NCP.

Frequency of Annual Earnings for Non-NCPs by Hourly Earnings Threshold of Less than \$15/Hr (True), 2012



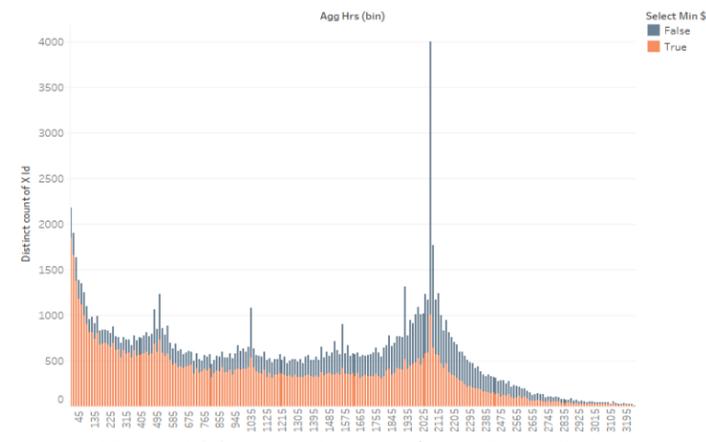
Distinct count of X Id for each Agg Wages (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage, Agg Wages and ncp_flag. The Agg Hrs filter ranges from 150 to 3000. The Hrly_wage filter ranges from 6.57 to 419. The Agg Wages filter ranges from 500 to 121433. The ncp_flag filter keeps Non-NCP.

Frequency of Annual Earnings for Non-NCPs by Hourly Earnings Threshold of Less than \$19/Hr (True), 2012



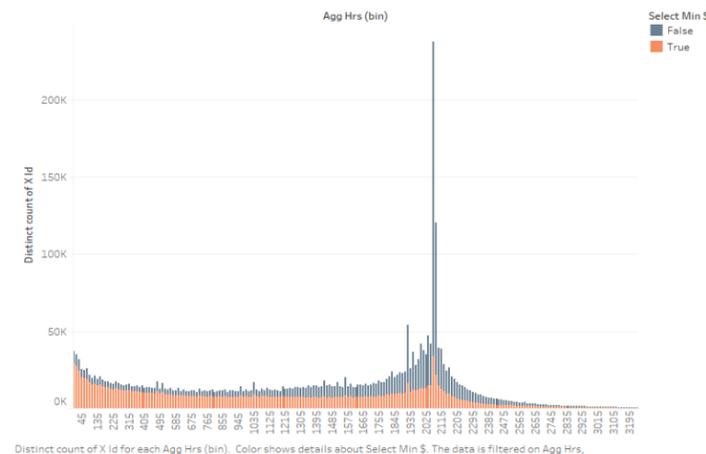
Distinct count of X Id for each Agg Wages (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage, Agg Wages and ncp_flag. The Agg Hrs filter ranges from 150 to 3000. The Hrly_wage filter ranges from 6.57 to 419. The Agg Wages filter ranges from 500 to 121433. The ncp_flag filter keeps Non-NCP.

Frequency of Hours for NCPs by Hourly Earnings Threshold of Less than \$19/Hr (True), 2012



Distinct count of X Id for each Agg Hrs (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage and ncp_flag. The Agg Hrs filter ranges from 1 to 3247. The Hrly_wage filter ranges from 6.57 to 419. The ncp_flag filter keeps NCP.

Frequency of Hours for Non-NCPs by Hourly Earnings Threshold of Less than \$19/Hr (True), 2012



Distinct count of X Id for each Agg Hrs (bin). Color shows details about Select Min \$. The data is filtered on Agg Hrs, Hrly_wage and ncp_flag. The Agg Hrs filter ranges from 1 to 3247. The Hrly_wage filter ranges from 6.57 to 419. The ncp_flag filter keeps Non-NCP.

Methodology Notes

5/3/2019

Wage Records were matched to the Employment Security Unemployment Insurance Wage table using Social Security number. Individual records for NCPs were matched for the quarters in which NCP's were **active** on IV-D Cases.

Matches were made using SSNs from the MAPSDATAMINE.dbo.Individual table.

In cases in which an NCP had greater than 1 SSN assigned, the most recent SSN was used.

SSNs:

Erroneous SSNs and SSNs used for administrative purposes were filtered from both the NCP and Non-NCP wage matches. These include SSNs containing the same digit repeated, as well as non-existed series codes.

Based on this criteria, there were 632 erroneous SSNs assigned to NCPs for the years being examined.

The non-NCP dataset for 2012, for example, contains 108 erroneous SSNs.

Matches were made to the ESD Wage file using SSNs. Analysis was only made for those records in which the computed hrly wage (dividing annual earnings by annual hours) was greater than 75% of the minimum wage for that year. This resulted in minimal filtering (e.g., less than .9% of the records for 2012)

Note: Consulting the Washington State Labor and Industries documentation, there are cases in which employers may legally pay workers no less than 75% of the minimum wage (see: <http://www.lni.wa.gov/workplacerrights/wages/minimum/>)

Non-NCPs are records in which the SSNs are not in the IV-D caseload.

Annual Wages, and Hourly Wage thresholds were converted to 2015 \$'s using the annual average unadjusted national CPI-W figures.

Annual Average CPI-W

2008 = 211.05

2012 = 226.23

2015 = 231.81

2016 = 234.08

2018 = 245.15

source: <https://www.ssa.gov/oact/STATS/cpiw.html>

WA State Minimum Wage for Select Years

2008 - \$8.07

2012 - \$9.04

2015 - \$9.47

2016 - \$9.47

2018 - \$11.05

source: <http://www.lni.wa.gov/WorkplaceRights/Wages/Minimum/History/default.asp>