

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**Table D-4. Average hours and earnings of production employees on manufacturing payrolls in states and selected areas  
[in thousands]**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Dec. 2016	Nov. 2017	Dec. 2017 <sup>P</sup>	Dec. 2016	Nov. 2017	Dec. 2017 <sup>P</sup>	Dec. 2016	Nov. 2017	Dec. 2017 <sup>P</sup>
Alabama	43.1	44.4	44.6	19.45	19.69	19.99	838.30	874.24	891.55
Alaska	22.9	28.8	26.4	31.78	33.43	31.79	727.76	962.78	839.26
Arizona	39.9	41.0	41.3	17.12	17.59	17.66	683.09	721.19	729.36
Phoenix-Mesa-Scottsdale	40.1	41.4	42.0	18.45	18.62	18.79	739.85	770.87	789.18
Arkansas	39.3	42.3	40.7	15.81	16.16	16.18	621.33	683.57	658.53
California	41.3	41.0	41.1	21.99	23.32	23.42	908.19	956.12	962.56
Colorado	40.9	40.5	40.4	28.99	27.02	27.27	1,185.69	1,094.31	1,101.71
Denver-Aurora-Lakewood	41.0	42.5	42.2	33.35	32.25	32.36	1,367.35	1,370.63	1,365.59
Connecticut	43.5	41.5	41.1	24.95	25.07	24.50	1,085.33	1,040.41	1,006.95
Delaware	40.8	41.7	41.1	17.68	19.70	19.24	721.34	821.49	790.76
Florida	41.8	42.7	45.0	21.29	21.46	21.27	889.92	916.34	957.15
Georgia	44.5	44.4	44.0	18.20	18.37	18.64	809.90	815.63	820.16
Hawaii	39.7	37.8	38.0	21.45	19.75	20.15	851.57	746.55	765.70
Urban Honolulu	39.6	38.7	39.1	20.98	19.25	19.33	830.81	744.98	755.80
Idaho	37.1	44.0	41.9	18.98	18.76	18.37	704.16	825.44	769.70
Illinois	42.1	43.5	43.4	20.08	20.64	20.76	845.37	897.84	900.98
Davenport-Moline-Rock Island <sup>1</sup>	42.7	40.0	43.1	23.32	24.91	25.01	995.76	996.40	1,077.93
Indiana	42.9	42.3	42.7	19.02	20.40	20.73	815.96	862.92	885.17
Indianapolis-Carmel-Anderson	40.6	43.3	42.2	20.32	21.25	20.85	824.99	920.13	879.87
Iowa	41.9	42.5	42.3	19.08	19.52	19.73	799.45	829.60	834.58
Kansas	43.1	43.4	44.4	18.90	19.61	19.80	814.59	851.07	879.12
Wichita	44.7	44.3	44.6	18.25	17.23	17.29	815.78	763.29	771.13
Kentucky	44.2	41.8	41.8	20.83	20.37	20.24	920.69	851.47	846.03
Louisville/Jefferson County	44.9	40.4	40.9	21.50	20.99	20.86	965.35	848.00	853.17
Louisiana	43.0	42.7	42.4	21.58	22.10	22.27	927.94	943.67	944.25
Maine	40.3	41.3	41.2	21.81	22.65	22.33	878.94	935.45	920.00
Maryland	39.6	44.5	45.6	19.62	22.02	21.68	776.95	979.89	988.61
Massachusetts	42.1	42.6	42.2	23.03	24.04	24.24	969.56	1,024.10	1,022.93
Michigan	43.3	43.3	44.7	20.73	20.95	21.02	897.61	907.14	939.59
Detroit-Warren-Dearborn	44.3	45.0	44.8	21.66	22.76	22.55	959.54	1,024.20	1,010.24
Minnesota	40.6	41.0	41.5	20.39	21.17	21.59	827.83	867.97	895.99
Minneapolis-St. Paul-Bloomington	41.6	41.7	42.2	21.52	21.90	22.07	895.23	913.23	931.35
Mississippi	42.7	42.1	42.1	21.17	20.38	20.27	903.96	858.00	853.37
Missouri	41.0	42.6	42.5	20.66	23.10	22.47	847.06	984.06	954.98
St. Louis <sup>2</sup>	41.8	42.1	42.6	23.65	24.38	24.59	988.57	1,026.40	1,047.53
Montana	37.2	37.6	38.1	18.88	19.65	19.94	702.34	738.84	759.71
Nebraska	42.2	40.5	41.5	18.07	19.34	19.81	762.55	783.27	822.12
Nevada	40.2	40.2	41.5	19.79	19.02	18.74	795.56	764.60	777.71
Las Vegas-Henderson-Paradise	37.6	40.4	41.9	16.79	17.37	17.42	631.30	701.75	729.90
New Hampshire	42.5	43.7	43.3	21.62	21.69	21.75	918.85	947.85	941.78
New Jersey	41.4	40.8	40.6	22.10	21.78	21.88	914.94	888.62	888.33
New Mexico	38.6	38.9	40.8	16.59	17.49	17.60	640.37	680.36	718.08
New York	39.6	41.0	41.1	20.03	20.89	21.41	793.19	856.49	879.95
North Carolina	42.6	42.0	42.0	17.68	17.98	18.06	753.17	755.16	758.52
North Dakota	38.4	38.6	37.7	20.47	20.34	20.08	786.05	785.12	757.02
Ohio	42.4	43.0	42.9	21.02	21.47	21.69	891.25	923.21	930.50
Cincinnati	43.2	44.8	44.4	23.06	23.01	22.59	996.19	1,030.85	1,003.00
Cleveland-Elyria	42.7	43.4	42.6	19.93	21.27	21.70	851.01	923.12	924.42
Columbus	43.1	41.0	40.9	20.68	21.75	21.75	891.31	891.75	889.58
Oklahoma	40.6	42.3	42.7	18.68	19.28	19.42	758.41	815.54	829.23
Tulsa	35.4	39.1	40.2	20.70	21.46	21.47	732.78	839.09	863.09
Oregon	39.5	41.1	40.0	20.32	20.76	21.00	802.64	853.24	840.00
Portland-Vancouver-Hillsboro	39.0	40.8	39.1	22.17	22.31	22.41	864.63	910.25	876.23
Pennsylvania	42.0	41.8	41.4	19.84	20.47	20.68	833.28	855.65	856.15
Rhode Island	41.6	40.7	42.7	18.79	19.60	19.14	781.66	797.72	817.28
Providence-Warwick	41.1	40.5	41.9	18.95	19.40	18.81	778.85	785.70	788.14

See footnotes at end of table.

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**Table D-4. Average hours and earnings of production employees on manufacturing payrolls in states and selected areas — Continued**  
[in thousands]

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Dec. 2016	Nov. 2017	Dec. 2017 <sup>p</sup>	Dec. 2016	Nov. 2017	Dec. 2017 <sup>p</sup>	Dec. 2016	Nov. 2017	Dec. 2017 <sup>p</sup>
South Carolina.....	43.2	44.1	44.8	19.39	19.26	18.88	837.65	849.37	845.82
South Dakota.....	40.8	42.4	41.2	18.79	18.48	18.60	766.63	783.55	766.32
Tennessee.....	43.5	42.9	43.7	20.04	19.60	19.78	871.74	840.84	864.39
Texas.....	43.7	43.2	43.0	23.04	23.17	23.32	1,006.85	1,000.94	1,002.76
Dallas-Fort Worth-Arlington.....	42.3	41.2	41.4	27.29	28.17	28.17	1,154.37	1,160.60	1,166.24
Houston-The Woodlands-Sugar Land.....	44.7	44.9	44.8	22.10	21.80	22.00	987.87	978.82	985.60
San Antonio-New Braunfels.....	43.7	41.1	40.9	16.24	18.82	18.91	709.69	773.50	773.42
Utah.....	41.0	40.5	39.9	20.70	20.63	21.02	848.70	835.52	838.70
Salt Lake City.....	42.2	39.2	38.4	21.37	20.00	19.92	901.81	784.00	764.93
Vermont.....	39.1	40.8	40.3	21.06	20.75	20.92	823.45	846.60	843.08
Virginia.....	40.6	41.3	40.6	19.35	19.30	19.31	785.61	797.09	783.99
Washington.....	41.9	42.3	42.4	26.96	28.04	28.59	1,129.62	1,186.09	1,212.22
West Virginia.....	39.8	41.1	41.3	21.05	21.65	21.46	837.79	889.82	886.30
Wisconsin.....	40.6	42.1	41.9	20.52	20.45	20.43	833.11	860.95	856.02
Milwaukee-Waukesha-West Allis.....	41.4	43.6	43.4	21.33	22.59	23.05	883.06	984.92	1,000.37
Wyoming.....	39.7	41.7	42.3	21.70	22.92	22.92	861.49	955.76	969.52
Puerto Rico.....	40.6	37.5	37.6	12.25	12.68	12.55	497.35	475.50	471.88
Virgin Islands.....	38.6	39.4	38.8	18.66	17.05	17.21	720.28	670.07	667.75

<sup>1</sup> For operational reasons, these interstate areas are listed under the state that accounts for the larger share of the population, which is different from the state that contains the first principal city.

<sup>2</sup> Area boundary does not reflect the official OMB delineation.

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NOTE: State and area data are currently estimated from 2016 benchmark levels. When more recent benchmark data are introduced with the release of January 2018 estimates, unadjusted data from April 2016 are subject to revision. Area delineations are based on Office of Management and Budget Bulletin No. 15-01, dated July 15, 2015, and available at <https://www.bls.gov/lau/lausmsa.htm>. Areas in the six New England states are Metropolitan New England City and Town Areas (NECTAs), while areas in other states are county-based. Some metropolitan areas lie in two or more states. They are listed under the state containing the first principal city, unless otherwise footnoted.