

**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**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	July 2017	June 2018	July 2018 <sup>P</sup>	July 2017	June 2018	July 2018 <sup>P</sup>	July 2017	June 2018	July 2018 <sup>P</sup>
Alabama.....	42.1	44.2	43.1	20.11	20.10	20.25	846.63	888.42	872.78
Alaska.....	49.0	32.2	33.6	20.46	20.86	18.21	1,002.54	671.69	611.86
Arizona.....	40.9	41.2	40.8	17.51	19.91	20.14	716.16	820.29	821.71
Phoenix-Mesa-Scottsdale.....	41.5	41.4	40.6	18.59	20.71	20.74	771.49	857.39	842.04
Arkansas.....	39.8	41.8	41.3	16.11	17.35	17.46	641.18	725.23	721.10
California.....	40.6	41.7	41.5	22.96	23.26	23.26	932.18	969.94	965.29
Colorado.....	40.9	39.5	39.8	26.90	26.88	26.56	1,100.21	1,061.76	1,057.09
Denver-Aurora-Lakewood.....	42.3	40.9	42.2	30.47	32.92	32.49	1,288.88	1,346.43	1,371.08
Connecticut.....	41.6	40.5	40.6	25.80	25.44	25.37	1,073.28	1,030.32	1,030.02
Delaware.....	42.4	42.9	42.5	19.23	18.95	19.18	815.35	812.96	815.15
Florida.....	40.9	44.0	43.7	21.88	21.93	21.95	894.89	964.92	959.22
Georgia.....	43.2	42.9	43.2	18.50	18.74	18.70	799.20	803.95	807.84
Hawaii.....	41.1	36.1	37.8	19.95	20.34	20.42	819.95	734.27	771.88
Urban Honolulu.....	40.3	36.5	39.7	19.20	19.75	19.42	773.76	720.88	770.97
Idaho.....	41.7	41.6	40.5	18.54	18.84	18.62	773.12	783.74	754.11
Illinois.....	41.9	43.1	43.0	20.03	21.08	21.09	839.26	908.55	906.87
Davenport-Moline-Rock Island <sup>1</sup> .....	38.8	42.3	41.5	25.29	24.78	26.42	981.25	1,048.19	1,096.43
Indiana.....	41.6	42.3	41.2	20.11	20.81	20.87	836.58	880.26	859.84
Indianapolis-Carmel-Anderson.....	39.4	41.9	38.2	21.69	20.32	20.71	854.59	851.41	791.12
Iowa.....	41.8	41.5	41.4	19.49	19.61	19.82	814.68	813.82	820.55
Kansas.....	41.7	43.2	43.5	19.09	19.79	19.84	796.05	854.93	863.04
Wichita.....	41.8	40.3	41.8	17.39	18.64	18.44	726.90	751.19	770.79
Kentucky.....	41.4	42.5	42.3	19.68	20.23	20.48	814.75	859.78	866.30
Louisville/Jefferson County.....	40.0	43.8	42.2	20.30	22.53	22.77	812.00	986.81	960.89
Louisiana.....	42.1	44.6	43.4	22.47	22.00	21.90	945.99	981.20	950.46
Maine.....	41.1	40.6	39.5	22.42	22.64	22.86	921.46	919.18	902.97
Maryland.....	41.5	42.9	42.9	20.77	21.13	20.71	861.96	906.48	888.46
Massachusetts.....	41.3	42.1	41.9	23.53	24.52	24.54	971.79	1,032.29	1,028.23
Michigan.....	42.1	43.5	42.3	20.49	21.21	21.17	862.63	922.64	895.49
Detroit-Warren-Dearborn.....	43.0	45.9	43.9	21.45	23.20	23.05	922.35	1,064.88	1,011.90
Minnesota.....	40.8	40.5	40.3	20.69	21.37	21.54	844.15	865.49	868.06
Minneapolis-St. Paul-Bloomington.....	41.5	41.7	41.0	21.63	21.91	22.30	897.65	913.65	914.30
Mississippi.....	42.2	40.9	41.1	20.39	20.28	20.45	860.46	829.45	840.50
Missouri.....	42.3	42.4	41.8	23.41	21.70	21.79	990.24	920.08	910.82
St. Louis <sup>2</sup> .....	40.8	40.2	41.1	24.19	23.47	23.97	986.95	943.49	985.17
Montana.....	37.6	38.7	38.4	19.13	20.79	20.36	719.29	804.57	781.82
Nebraska.....	41.7	39.8	40.1	19.58	19.54	19.50	816.49	777.69	781.95
Nevada.....	40.6	41.8	42.3	19.45	19.62	19.68	789.67	820.12	832.46
Las Vegas-Henderson-Paradise.....	39.4	43.1	42.7	17.31	18.60	18.93	682.01	801.66	808.31
New Hampshire.....	41.7	43.4	43.0	21.55	21.32	21.75	898.64	925.29	935.25
New Jersey.....	39.0	41.1	39.7	21.70	21.96	22.64	846.30	902.56	898.81
New Mexico.....	37.9	37.4	37.1	17.54	17.83	18.03	664.77	666.84	668.91
New York.....	39.6	41.4	41.4	20.74	21.73	21.87	821.30	899.62	905.42
North Carolina.....	42.0	42.8	42.0	17.65	18.25	18.21	741.30	781.10	764.82
North Dakota.....	38.5	37.9	37.4	19.68	19.94	19.90	757.68	755.73	744.26
Ohio.....	42.3	42.3	41.4	21.13	21.41	21.27	893.80	905.64	880.58
Cincinnati.....	45.4	45.1	46.5	22.65	23.14	22.52	1,028.31	1,043.61	1,047.18
Cleveland-Elyria.....	43.0	43.5	43.2	20.56	21.66	21.50	884.08	942.21	928.80
Columbus.....	39.3	40.6	38.7	20.88	20.78	20.38	820.58	843.67	788.71
Oklahoma.....	41.2	42.3	42.1	18.60	18.62	18.88	766.32	787.63	794.85
Tulsa.....	37.0	39.4	39.3	21.32	21.76	21.72	788.84	857.34	853.60
Oregon.....	41.1	39.5	39.2	20.43	21.38	21.22	839.67	844.51	831.82
Portland-Vancouver-Hillsboro.....	39.8	38.9	38.8	22.43	22.80	22.20	892.71	886.92	861.36
Pennsylvania.....	40.4	41.5	40.7	20.53	20.45	20.65	829.41	848.68	840.46
Rhode Island.....	39.3	41.0	40.4	19.42	19.35	19.30	763.21	793.35	779.72
Providence-Warwick.....	39.2	40.9	40.6	19.34	19.26	19.19	758.13	787.73	779.11
South Carolina.....	42.6	43.3	43.4	18.93	19.30	19.37	806.42	835.69	840.66

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**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	July 2017	June 2018	July 2018 <sup>p</sup>	July 2017	June 2018	July 2018 <sup>p</sup>	July 2017	June 2018	July 2018 <sup>p</sup>
South Dakota.....	41.6	41.5	40.6	18.45	18.69	18.79	767.52	775.64	762.87
Tennessee.....	42.0	43.8	43.2	19.26	19.86	19.76	808.92	869.87	853.63
Texas.....	43.6	43.1	42.8	23.22	23.48	23.47	1,012.39	1,011.99	1,004.52
Dallas-Fort Worth-Arlington.....	40.9	43.2	42.7	27.96	27.52	27.43	1,143.56	1,188.86	1,171.26
Houston-The Woodlands-Sugar Land.....	45.3	46.3	45.7	21.61	21.95	21.91	978.93	1,016.29	1,001.29
San Antonio-New Braunfels.....	42.6	40.4	39.1	18.33	19.57	18.98	780.86	790.63	742.12
Utah.....	39.4	39.5	38.8	20.67	20.51	20.87	814.40	810.15	809.76
Salt Lake City.....	40.6	38.5	37.5	20.29	19.67	20.35	823.77	757.30	763.13
Vermont.....	39.4	40.2	40.1	21.45	21.43	21.15	845.13	861.49	848.12
Virginia.....	41.2	40.7	39.3	19.55	19.54	19.47	805.46	795.28	765.17
Washington.....	41.1	42.8	41.4	27.15	28.23	28.14	1,115.87	1,208.24	1,165.00
West Virginia.....	40.0	42.3	41.5	21.39	21.46	21.47	855.60	907.76	891.01
Wisconsin.....	41.5	41.8	42.0	20.17	20.44	20.39	837.06	854.39	856.38
Milwaukee-Waukesha-West Allis.....	40.9	41.9	43.8	22.74	23.32	23.10	930.07	977.11	1,011.78
Wyoming.....	41.1	41.2	41.4	23.19	24.01	24.17	953.11	989.21	1,000.64
Puerto Rico.....	39.9	38.2	38.4	12.72	12.22	12.28	507.53	466.80	471.55
Virgin Islands.....	37.7	37.8	37.8	17.50	18.32	17.96	659.75	692.50	678.89

<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 2017 benchmark levels. When more recent benchmark data are introduced with the release of January 2019 estimates, unadjusted data from April 2017 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.