

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup>**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Total private.....		115.0	117.5	117.6	117.8	0.2	169.9	177.7	178.1	178.9	0.4
Goods-producing.....		91.1	94.2	94.7	94.5	-0.2	129.5	137.6	138.6	138.6	0.0
Mining and logging.....		121.4	140.8	136.2	138.7	1.8	194.0	230.5	223.4	229.2	2.6
Logging <sup>4</sup> .....	1133	71.5	74.0	76.6	-	-	98.9	106.3	107.5	-	-
Mining <sup>4</sup> .....	21	128.0	150.0	144.0	-	-	204.6	245.1	236.0	-	-
Oil and gas extraction <sup>4</sup> .....	211	115.7	138.7	135.6	-	-	206.5	253.9	251.0	-	-
Mining, except oil and gas <sup>4</sup> .....	212	86.0	89.0	88.9	-	-	123.5	128.1	128.8	-	-
Coal mining <sup>4</sup> .....	2121	71.5	73.9	71.1	-	-	106.6	109.4	105.6	-	-
Stone mining and quarrying <sup>4</sup> .....	21231	85.7	89.0	89.0	-	-	120.0	131.5	134.0	-	-
Crushed and broken limestone mining <sup>4</sup> .....	212312	80.2	84.8	84.5	-	-	114.2	124.6	126.5	-	-
Other stone mining and quarrying <sup>4</sup> .....	212311,3,9	92.5	94.8	94.2	-	-	125.1	140.7	142.7	-	-
Support activities for mining <sup>4</sup> .....	213	181.5	223.1	211.8	-	-	315.5	397.9	376.4	-	-
Support activities for oil and gas operations <sup>4</sup> .....	213112	203.7	261.1	246.3	-	-	386.4	518.5	485.8	-	-
Construction.....	23	103.4	107.6	108.6	108.2	-0.4	149.9	160.1	162.3	162.0	-0.2
Construction of buildings <sup>4</sup> .....	236	93.3	95.2	96.1	-	-	137.6	146.8	148.9	-	-
Residential building <sup>4</sup> .....	2361	85.0	88.8	89.3	-	-	121.3	133.7	136.6	-	-
New single-family general contractors <sup>4</sup> .....	236115	64.8	65.5	65.4	-	-	92.7	99.8	102.5	-	-
Residential remodelers <sup>4</sup> .....	236118	122.0	135.9	137.4	-	-	164.6	193.2	197.7	-	-
Nonresidential building <sup>4</sup> .....	2362	100.7	101.2	103.0	-	-	150.5	157.1	159.3	-	-
Industrial building <sup>4</sup> .....	23621	92.3	93.3	95.8	-	-	140.6	149.8	156.0	-	-
Commercial building <sup>4</sup> .....	23622	103.7	103.8	105.8	-	-	153.6	159.3	160.7	-	-
Heavy and civil engineering construction <sup>4</sup> .....	237	108.1	112.9	113.7	-	-	173.4	183.8	186.1	-	-
Utility system construction <sup>4</sup> .....	2371	136.3	144.7	146.7	-	-	225.3	246.6	252.2	-	-
Water and sewer system construction <sup>4</sup> .....	23711	103.6	108.8	107.9	-	-	151.0	165.3	165.2	-	-
Oil and gas pipeline construction <sup>4</sup> .....	23712	191.9	199.5	206.0	-	-	371.5	374.9	395.1	-	-
Power and communication system construction <sup>4</sup> .....	23713	147.2	156.4	157.5	-	-	239.9	275.0	277.6	-	-
Highway, street, and bridge construction <sup>4</sup> .....	2373	93.9	97.7	98.6	-	-	135.8	144.0	147.1	-	-
Specialty trade contractors <sup>4</sup> .....	238	105.5	110.5	111.2	-	-	147.7	158.9	160.8	-	-
Building foundation and exterior contractors <sup>4</sup> .....	2381	98.4	101.1	101.2	-	-	134.9	142.8	143.9	-	-
Poured concrete structure contractors <sup>4</sup> .....	23811	123.4	130.3	129.9	-	-	182.8	196.1	197.8	-	-
Steel and precast concrete contractors <sup>4</sup> .....	23812	91.2	94.4	96.5	-	-	122.1	116.4	123.0	-	-
Framing contractors <sup>4</sup> .....	23813	69.5	65.5	63.6	-	-	85.4	87.1	84.7	-	-
Masonry contractors <sup>4</sup> .....	23814	66.8	69.9	68.4	-	-	91.0	97.2	94.4	-	-
Glass and glazing contractors <sup>4</sup> .....	23815	128.8	125.4	124.1	-	-	170.1	179.6	179.7	-	-
Roofing contractors <sup>4</sup> .....	23816	117.1	118.5	120.9	-	-	167.6	175.7	181.2	-	-
Siding contractors <sup>4</sup> .....	23817	109.9	118.7	120.6	-	-	179.6	212.8	219.5	-	-
Other building exterior contractors <sup>4</sup> .....	23819	115.5	135.6	142.9	-	-	152.2	184.0	199.8	-	-
Building equipment contractors <sup>4</sup> .....	2382	112.3	117.6	118.7	-	-	155.3	165.9	167.7	-	-
Electrical contractors <sup>4</sup> .....	23821	99.1	104.2	105.3	-	-	139.0	148.6	150.3	-	-
Plumbing and HVAC contractors <sup>4</sup> .....	23822	123.8	130.5	130.0	-	-	169.6	184.3	183.6	-	-
Other building equipment contractors <sup>4</sup> .....	23829	133.0	126.6	137.2	-	-	178.9	171.4	186.6	-	-
Building finishing contractors <sup>4</sup> .....	2383	92.2	96.3	97.0	-	-	131.7	142.4	145.4	-	-
Drywall and insulation contractors <sup>4</sup> .....	23831	76.9	82.2	82.8	-	-	113.8	125.0	125.8	-	-
Painting and wall covering contractors <sup>4</sup> .....	23832	94.9	94.5	94.8	-	-	124.1	134.5	139.5	-	-
Flooring contractors <sup>4</sup> .....	23833	97.0	108.0	105.5	-	-	145.7	154.6	150.8	-	-
Tile and terrazzo contractors <sup>4</sup> .....	23834	116.2	120.8	115.8	-	-	199.8	200.9	193.6	-	-
Finish carpentry contractors <sup>4</sup> .....	23835	105.7	112.5	113.5	-	-	149.7	170.7	176.9	-	-
Other building finishing contractors <sup>4</sup> .....	23839	110.5	114.5	116.0	-	-	160.6	161.7	164.0	-	-
Other specialty trade contractors <sup>4</sup> .....	2389	116.7	124.4	126.2	-	-	167.3	183.6	187.9	-	-
Site preparation contractors <sup>4</sup> .....	23891	116.4	128.1	128.7	-	-	165.2	188.7	190.0	-	-
All other specialty trade contractors <sup>4</sup> .....	23899	117.2	119.9	122.4	-	-	170.0	176.6	183.8	-	-
Manufacturing.....		84.3	86.1	86.7	86.4	-0.3	115.4	120.8	121.5	121.2	-0.2
Durable goods.....		84.5	87.2	87.3	87.2	-0.1	115.8	122.1	122.4	122.3	-0.1
Wood products.....	321	72.9	74.0	74.0	74.2	0.3	103.8	107.0	107.8	107.7	-0.1

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Sawmills and wood preservation <sup>4</sup> .....	3211	77.5	75.8	75.4	-	-	104.6	105.6	104.7	-	-
Plywood and engineered wood products <sup>4</sup> .....	3212	64.5	66.3	68.3	-	-	95.4	100.3	104.7	-	-
Other wood products <sup>4</sup> .....	3219	74.2	76.3	76.1	-	-	106.7	110.6	111.4	-	-
Millwork <sup>4</sup> .....	32191	68.2	70.8	70.3	-	-	96.6	100.6	101.0	-	-
Wood windows and doors <sup>4</sup> .....	321911	68.0	73.3	72.6	-	-	103.4	111.3	110.4	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring <sup>4</sup> .....	321912,8	68.8	69.2	68.8	-	-	90.7	91.0	93.2	-	-
Wood containers and pallets <sup>4</sup> .....	32192	103.2	103.9	100.7	-	-	162.7	165.6	161.8	-	-
All other wood products <sup>4</sup> .....	32199	64.3	67.4	68.6	-	-	91.8	97.3	99.2	-	-
Nonmetallic mineral products.....	327	76.6	82.9	82.9	83.3	0.5	100.8	115.0	114.9	115.8	0.8
Cement and concrete products <sup>4</sup> .....	3273	84.3	90.2	87.3	-	-	110.5	126.4	121.3	-	-
Ready-mix concrete <sup>4</sup> .....	32732	78.2	89.4	86.1	-	-	105.3	131.5	125.1	-	-
Other cement and concrete products <sup>4</sup> .....	32731,3,9	92.1	90.8	88.5	-	-	118.5	118.6	114.8	-	-
Primary metals.....	331	75.2	78.7	78.4	78.0	-0.5	98.1	104.3	103.4	102.9	-0.5
Foundries <sup>4</sup> .....	3315	63.5	66.1	65.7	-	-	80.8	88.3	87.3	-	-
Fabricated metal products.....	332	96.2	100.0	99.8	100.1	0.3	132.4	139.9	139.7	140.0	0.2
Forging and stamping <sup>4</sup> .....	3321	94.4	98.8	97.2	-	-	126.5	132.2	130.3	-	-
Architectural and structural metals <sup>4</sup> .....	3323	95.2	99.6	100.1	-	-	130.1	137.9	139.4	-	-
Plate work and fabricated structural products <sup>4</sup> .....	33231	92.2	98.6	99.6	-	-	129.3	137.9	140.3	-	-
Fabricated structural metal products <sup>4</sup> .....	332312	94.9	102.3	105.0	-	-	134.5	141.5	146.4	-	-
Ornamental and architectural metal products <sup>4</sup> .....	33232	97.6	100.0	99.8	-	-	130.7	136.9	137.6	-	-
Sheet metal work <sup>4</sup> .....	332322	115.6	119.4	119.2	-	-	150.9	159.4	159.4	-	-
Boilers, tanks, and shipping containers <sup>4</sup> .....	3324	100.0	103.0	100.9	-	-	135.9	140.2	136.6	-	-
Machine shops and threaded products <sup>4</sup> .....	3327	119.4	125.0	124.9	-	-	162.2	175.3	175.1	-	-
Machine shops <sup>4</sup> .....	33271	131.0	137.8	137.8	-	-	177.5	193.5	193.3	-	-
Turned products and screws, nuts, and bolts <sup>4</sup> .....	33272	90.6	92.6	92.1	-	-	121.6	127.9	127.1	-	-
Coating, engraving, and heat treating metals <sup>4</sup> .....	3328	97.4	102.5	102.5	-	-	134.2	143.1	143.0	-	-
Metal heat treating and coating and nonprecious engraving <sup>4</sup> .....	332811,2	117.7	124.4	124.3	-	-	149.7	168.9	169.5	-	-
Electroplating, anodizing, and coloring metals <sup>4</sup> .....	332813	78.9	84.6	84.2	-	-	118.3	121.1	119.6	-	-
Other fabricated metal products <sup>4</sup> .....	3329	97.8	96.9	96.6	-	-	137.5	138.1	136.6	-	-
Metal valves <sup>4</sup> .....	33291	87.1	83.7	83.5	-	-	124.9	126.8	125.2	-	-
All other fabricated metal products <sup>4</sup> .....	33299	104.1	103.8	103.3	-	-	144.9	143.2	141.7	-	-
Machinery.....	333	92.7	96.5	96.9	96.0	-0.9	131.2	139.2	139.8	138.7	-0.8
Agricultural, construction, and mining machinery <sup>4</sup> .....	3331	119.3	134.3	134.8	-	-	179.6	207.7	209.7	-	-
Farm machinery and equipment <sup>4</sup> .....	333111	85.7	93.6	94.5	-	-	128.7	140.5	144.0	-	-
Industrial machinery <sup>4</sup> .....	3332	91.7	88.8	88.9	-	-	127.8	130.9	131.2	-	-
Commercial and service industry machinery <sup>4</sup> .....	3333	75.5	80.5	79.4	-	-	113.4	121.5	120.1	-	-
HVAC and commercial refrigeration equipment <sup>4</sup> .....	3334	82.8	82.0	84.5	-	-	116.7	121.0	123.1	-	-
Metalworking machinery <sup>4</sup> .....	3335	85.3	88.1	87.4	-	-	113.7	118.7	118.1	-	-
Special tools, dies, jigs, and fixtures <sup>4</sup> .....	333514	75.0	76.0	76.1	-	-	102.0	106.4	105.8	-	-
Turbine and power transmission equipment <sup>4</sup> .....	3336	80.4	79.4	80.4	-	-	108.3	109.8	111.3	-	-
Other general purpose machinery <sup>4</sup> .....	3339	98.8	101.0	101.5	-	-	142.8	145.6	145.8	-	-
Computer and electronic products.....	334	83.7	85.8	85.9	85.6	-0.3	126.9	132.6	132.7	133.6	0.7
Communications equipment <sup>4</sup> .....	3342	61.6	58.6	58.3	-	-	79.1	77.2	76.5	-	-
Semiconductors and electronic components <sup>4</sup> .....	3344	69.9	71.7	71.6	-	-	101.0	103.5	103.8	-	-
Semiconductors and related devices <sup>4</sup> .....	334413	73.7	75.4	73.8	-	-	121.5	120.3	117.2	-	-
Electronic connectors and misc. electronic components <sup>4</sup> .....	334416,7,9	63.1	66.2	67.0	-	-	88.4	98.9	99.9	-	-
Electronic instruments <sup>4</sup> .....	3345	128.1	130.9	132.7	-	-	215.3	225.2	228.4	-	-
Electrical equipment and appliances.....	335	77.8	79.3	80.5	80.5	0.0	109.9	117.4	119.2	119.4	0.2
Electrical equipment <sup>4</sup> .....	3353	78.4	83.5	83.7	-	-	111.7	122.6	122.2	-	-
Other electrical equipment and components <sup>4</sup> .....	3359	90.9	94.9	97.3	-	-	130.0	141.8	145.3	-	-
Transportation equipment.....	336	89.7	92.1	92.7	92.5	-0.2	110.7	116.5	117.3	116.8	-0.4
Motor vehicles and parts <sup>5</sup> .....	3361,2,3	82.6	84.3	84.5	83.7	-0.9	85.0	89.8	90.0	88.7	-1.4
Motor vehicles <sup>4</sup> .....	3361	78.1	80.0	76.1	-	-	82.4	87.0	82.4	-	-
Motor vehicle bodies and trailers <sup>4</sup> .....	3362	107.0	118.8	120.1	-	-	125.2	143.9	146.5	-	-
Motor vehicle parts <sup>4</sup> .....	3363	79.4	79.6	79.7	-	-	80.0	83.3	83.4	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Motor vehicle gasoline engine and parts <sup>4</sup> .....	33631	69.7	68.9	65.3	-	-	77.5	76.1	71.4	-	-
Motor vehicle power train components <sup>4</sup> .....	33635	74.2	69.1	65.1	-	-	72.5	67.4	63.4	-	-
Motor vehicle metal stamping <sup>4</sup> .....	33637	92.5	95.8	95.2	-	-	88.9	96.1	97.6	-	-
All other motor vehicle parts <sup>4</sup> .....	33639	96.6	96.4	94.1	-	-	109.4	111.1	108.3	-	-
Aerospace products and parts <sup>4</sup> .....	3364	123.2	128.6	129.9	-	-	209.1	220.3	222.8	-	-
Aircraft <sup>4</sup> .....	336411	115.3	126.7	127.6	-	-	183.7	204.6	206.2	-	-
Furniture and related products.....	337	61.3	61.0	61.4	60.9	-0.8	85.5	86.4	86.9	86.5	-0.5
Household and institutional furniture <sup>4</sup> .....	3371	58.9	59.0	59.7	-	-	83.4	83.9	85.1	-	-
Wood kitchen cabinets and countertops <sup>4</sup> .....	33711	76.8	79.3	79.8	-	-	108.8	110.9	112.7	-	-
Other household and institutional furniture <sup>4</sup> .....	33712	48.5	47.3	48.0	-	-	67.6	66.9	68.1	-	-
Upholstered household furniture <sup>4</sup> .....	337121	67.6	65.5	65.7	-	-	91.0	89.8	89.1	-	-
Miscellaneous durable goods manufacturing.....	339	83.5	82.1	81.7	82.2	0.6	124.1	121.6	121.1	122.0	0.7
Medical equipment and supplies <sup>4</sup> .....	3391	103.4	101.1	100.8	-	-	156.3	153.0	152.6	-	-
Surgical appliances and supplies <sup>4</sup> .....	339113	109.8	111.5	115.0	-	-	147.4	151.6	155.1	-	-
Dental laboratories <sup>4</sup> .....	339116	77.2	74.7	74.7	-	-	119.4	116.0	120.1	-	-
Other miscellaneous durable goods manufacturing <sup>4</sup> ...	3399	69.2	68.0	67.8	-	-	98.7	96.0	95.7	-	-
Signs <sup>4</sup> .....	33995	96.3	96.9	96.0	-	-	128.3	133.5	134.2	-	-
All other miscellaneous durable goods manufacturing <sup>4</sup> .....	33993,4,9	69.5	70.2	69.5	-	-	103.1	103.8	102.8	-	-
Nondurable goods.....		83.6	84.5	85.3	84.9	-0.5	114.2	118.5	119.5	119.3	-0.2
Food manufacturing.....	311	110.8	112.9	114.6	114.6	0.0	148.7	156.3	158.8	159.2	0.3
Sugar and confectionery products <sup>4</sup> .....	3113	82.9	80.6	78.7	-	-	96.9	108.9	106.3	-	-
Fruit and vegetable preserving and specialty <sup>4</sup> .....	3114	110.1	104.5	109.8	-	-	132.9	138.9	144.2	-	-
Frozen food <sup>4</sup> .....	31141	112.1	104.3	111.9	-	-	148.3	137.4	147.9	-	-
Fruit and vegetable canning and drying <sup>4</sup> .....	31142	108.2	104.7	108.9	-	-	120.5	140.7	142.5	-	-
Dairy products <sup>4</sup> .....	3115	109.8	114.5	112.0	-	-	157.9	164.2	162.4	-	-
Animal slaughtering and processing <sup>4</sup> .....	3116	107.7	106.3	107.4	-	-	147.8	148.1	150.7	-	-
Poultry processing <sup>4</sup> .....	311615	105.7	106.5	107.0	-	-	142.1	145.9	147.9	-	-
Seafood product preparation and packaging <sup>4</sup> .....	3117	97.6	109.6	110.1	-	-	135.7	144.5	143.5	-	-
Bakeries and tortilla manufacturing <sup>4</sup> .....	3118	103.1	108.5	107.7	-	-	141.2	149.5	149.1	-	-
Textile mills.....	313	36.0	37.4	37.1	37.2	0.3	49.4	52.3	52.4	52.4	0.0
Textile product mills.....	314	53.0	51.0	51.2	50.8	-0.8	73.2	71.3	72.1	71.0	-1.5
Apparel.....	315	30.1	29.7	31.2	30.6	-1.9	48.5	50.6	52.6	50.9	-3.2
Paper and paper products.....	322	67.7	69.3	69.1	69.1	0.0	87.6	89.9	89.5	89.8	0.3
Pulp, paper, and paperboard mills <sup>4</sup> .....	3221	62.7	63.0	63.1	-	-	77.6	76.0	76.1	-	-
Converted paper products <sup>4</sup> .....	3222	70.2	72.0	71.8	-	-	94.4	99.2	98.9	-	-
Paperboard containers <sup>4</sup> .....	32221	73.8	77.1	76.6	-	-	97.0	105.2	105.2	-	-
Corrugated and solid fiber boxes <sup>4</sup> .....	322211	74.9	78.4	77.8	-	-	97.8	104.7	103.8	-	-
Paper bags and coated and treated paper <sup>4</sup> .....	32222	67.1	66.0	65.3	-	-	86.6	85.3	84.4	-	-
Printing and related support activities.....	323	63.9	62.4	62.6	61.3	-2.1	79.5	78.3	78.6	76.7	-2.4
Petroleum and coal products.....	324	109.2	102.9	103.2	102.4	-0.8	192.5	176.6	177.0	173.8	-1.8
Chemicals.....	325	97.8	102.6	103.1	102.5	-0.6	132.3	144.3	143.2	143.7	0.3
Basic chemicals <sup>4</sup> .....	3251	79.9	82.7	84.0	-	-	108.3	108.8	109.1	-	-
Resin, rubber, and artificial fibers <sup>4</sup> .....	3252	77.7	80.1	79.8	-	-	112.6	121.0	120.1	-	-
Pharmaceuticals and medicines <sup>4</sup> .....	3254	137.9	147.7	148.2	-	-	200.1	224.2	223.5	-	-
Soaps, cleaning compounds, and toiletries <sup>4</sup> .....	3256	88.6	93.9	93.1	-	-	115.0	129.8	127.4	-	-
Plastics and rubber products.....	326	85.9	85.1	85.9	85.3	-0.7	112.2	116.2	117.9	118.1	0.2
Plastics products <sup>4</sup> .....	3261	89.4	88.4	89.1	-	-	122.7	126.7	127.8	-	-
Plastics packaging materials, film, and sheet <sup>4</sup> .....	32611	104.5	106.7	104.6	-	-	135.2	151.0	150.2	-	-
Foam products <sup>4</sup> .....	32614,5	115.7	111.3	109.8	-	-	158.0	157.7	155.8	-	-
Other plastics products <sup>4</sup> .....	32619	81.9	79.7	82.3	-	-	116.5	116.0	119.2	-	-
Rubber products <sup>4</sup> .....	3262	73.8	72.7	74.6	-	-	82.1	86.0	89.7	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	100.9	102.2	100.9	100.6	-0.3	123.9	127.3	126.2	125.5	-0.6
Private service-providing.....		121.8	123.8	123.9	124.2	0.2	182.7	189.9	190.4	191.3	0.5
Trade, transportation, and utilities.....		108.9	111.3	111.4	111.4	0.0	150.5	157.9	158.0	158.8	0.5
Wholesale trade.....	42	108.8	110.0	110.0	110.7	0.6	158.4	163.8	163.0	164.7	1.0

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Durable goods <sup>4</sup> .....	423	102.7	105.0	104.8	-	-	144.9	152.0	150.8	-	-
Motor vehicles and parts <sup>4</sup> .....	4231	101.6	100.0	100.5	-	-	134.8	138.2	136.2	-	-
Motor vehicles <sup>4</sup> .....	42311	100.6	103.9	104.2	-	-	134.8	153.2	153.9	-	-
New motor vehicle parts <sup>4</sup> .....	42312	96.7	93.2	93.0	-	-	126.0	124.4	121.1	-	-
Furniture and furnishings <sup>4</sup> .....	4232	96.9	101.8	101.2	-	-	133.7	143.6	143.8	-	-
Lumber and construction supplies <sup>4</sup> .....	4233	102.3	104.4	103.6	-	-	151.5	161.1	160.3	-	-
Lumber and wood <sup>4</sup> .....	42331	87.5	89.6	89.0	-	-	133.9	142.9	142.7	-	-
Commercial equipment <sup>4</sup> .....	4234	95.2	96.5	96.1	-	-	133.8	135.1	134.7	-	-
Office equipment <sup>4</sup> .....	42342	69.4	68.6	68.1	-	-	102.7	97.6	96.9	-	-
Computer and software <sup>4</sup> .....	42343	79.8	81.6	81.1	-	-	105.8	106.9	105.8	-	-
Medical equipment <sup>4</sup> .....	42345	134.3	132.3	132.4	-	-	206.9	208.8	208.9	-	-
Miscellaneous professional and commercial equipment <sup>4</sup> .....	42341,4,6,9	110.1	116.9	115.8	-	-	171.7	180.2	182.3	-	-
Metals and minerals <sup>4</sup> .....	4235	104.0	106.6	104.6	-	-	141.2	151.1	149.8	-	-
Electric goods <sup>4</sup> .....	4236	96.1	95.9	95.6	-	-	135.0	138.0	137.3	-	-
Electrical equipment and wiring <sup>4</sup> .....	42361	107.5	106.5	106.4	-	-	149.5	143.9	143.5	-	-
Electric appliances and other electronic parts <sup>4</sup> .....	42362,9	86.9	87.7	86.7	-	-	124.9	133.9	133.8	-	-
Hardware and plumbing <sup>4</sup> .....	4237	114.4	119.6	120.4	-	-	171.7	186.2	184.2	-	-
Hardware <sup>4</sup> .....	42371	111.6	114.7	114.8	-	-	172.6	180.7	179.4	-	-
Plumbing equipment <sup>4</sup> .....	42372	119.1	127.6	127.2	-	-	189.0	217.9	212.7	-	-
HVAC and refrigeration equipment <sup>4</sup> .....	42373,4	111.8	115.3	115.9	-	-	153.1	159.7	156.9	-	-
Machinery and supplies <sup>4</sup> .....	4238	105.2	109.4	109.2	-	-	152.4	163.9	162.4	-	-
Construction equipment <sup>4</sup> .....	42381	113.6	120.3	119.5	-	-	162.6	182.2	177.5	-	-
Farm and garden equipment <sup>4</sup> .....	42382	105.8	106.1	107.5	-	-	172.9	178.2	181.5	-	-
Industrial machinery <sup>4</sup> .....	42383	99.3	102.8	102.3	-	-	142.8	149.7	146.4	-	-
Industrial supplies <sup>4</sup> .....	42384	129.1	134.9	130.7	-	-	191.0	212.8	206.1	-	-
Miscellaneous durable goods <sup>4</sup> .....	4239	117.2	122.7	122.7	-	-	169.8	183.9	184.0	-	-
Sporting goods <sup>4</sup> .....	42391	111.7	115.9	117.0	-	-	163.2	180.9	185.6	-	-
Recyclable materials <sup>4</sup> .....	42393	121.4	130.0	129.6	-	-	166.9	187.8	187.9	-	-
Nondurable goods <sup>4</sup> .....	424	105.8	104.6	105.0	-	-	151.0	153.6	154.6	-	-
Paper and paper products <sup>4</sup> .....	4241	84.3	82.8	84.3	-	-	119.1	127.0	126.2	-	-
Druggists' goods <sup>4</sup> .....	4242	92.3	91.5	94.2	-	-	136.3	142.9	149.8	-	-
Apparel and piece goods <sup>4</sup> .....	4243	100.9	95.2	95.8	-	-	140.9	136.6	137.2	-	-
Grocery and related products <sup>4</sup> .....	4244	114.2	113.8	113.7	-	-	158.9	160.0	160.0	-	-
General line grocery <sup>4</sup> .....	42441	110.7	110.6	110.6	-	-	150.8	146.0	144.2	-	-
Fruits and vegetables <sup>4</sup> .....	42448	145.4	146.4	146.6	-	-	202.1	210.6	208.6	-	-
Farm product raw materials <sup>4</sup> .....	4245	104.3	103.1	105.3	-	-	163.0	163.0	167.0	-	-
Chemicals <sup>4</sup> .....	4246	103.9	111.8	109.7	-	-	147.0	162.6	160.8	-	-
Petroleum <sup>4</sup> .....	4247	106.8	97.1	96.8	-	-	167.4	144.7	144.5	-	-
Alcoholic beverages <sup>4</sup> .....	4248	149.2	149.2	149.7	-	-	202.5	212.1	211.0	-	-
Misc. nondurable goods <sup>4</sup> .....	4249	92.5	89.1	89.5	-	-	135.0	137.5	138.5	-	-
Farm supplies <sup>4</sup> .....	42491	111.0	110.2	113.6	-	-	164.1	173.6	178.0	-	-
Nursery stock and florists' supplies <sup>4</sup> .....	42493	78.0	71.4	72.2	-	-	112.7	103.7	103.1	-	-
Electronic markets and agents and brokers <sup>4</sup> .....	425	152.3	153.2	155.2	-	-	239.9	239.5	239.7	-	-
Retail trade.....		102.9	105.1	105.0	104.9	-0.1	135.3	142.9	143.2	143.5	0.2
Motor vehicle and parts dealers <sup>4</sup> .....	441	113.1	114.3	114.9	-	-	137.2	145.6	146.8	-	-
Automobile dealers <sup>4</sup> .....	4411	113.1	114.3	114.9	-	-	131.2	139.5	140.9	-	-
New car dealers <sup>4</sup> .....	44111	107.3	108.6	108.7	-	-	124.2	132.7	133.3	-	-
Used car dealers <sup>4</sup> .....	44112	186.2	186.0	191.1	-	-	248.2	258.2	265.1	-	-
Other motor vehicle dealers <sup>4</sup> .....	4412	113.4	110.6	112.0	-	-	161.4	161.8	165.9	-	-
Auto parts, accessories, and tire stores <sup>4</sup> .....	4413	112.4	114.4	115.6	-	-	152.4	162.1	164.2	-	-
Automotive parts and accessories stores <sup>4</sup> .....	44131	107.7	110.1	111.1	-	-	150.6	164.2	166.4	-	-
Tire dealers <sup>4</sup> .....	44132	121.7	123.5	124.3	-	-	153.4	157.8	157.6	-	-
Furniture and home furnishings stores <sup>4</sup> .....	442	88.6	91.0	91.2	-	-	123.1	129.3	129.7	-	-
Furniture stores <sup>4</sup> .....	4421	87.7	91.3	91.5	-	-	119.1	126.0	127.3	-	-
Home furnishings stores <sup>4</sup> .....	4422	89.4	91.0	91.6	-	-	127.5	134.2	135.7	-	-
Floor covering stores <sup>4</sup> .....	44221	77.2	77.4	75.9	-	-	111.2	114.7	113.9	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Other home furnishings stores <sup>4</sup> .....	44229	99.0	102.2	104.0	-	-	145.9	156.8	159.1	-	-
Electronics and appliance stores <sup>4</sup> .....	443	99.0	99.7	99.5	-	-	140.3	146.6	145.7	-	-
Household appliance stores <sup>4</sup> .....	443141	60.8	65.1	66.3	-	-	81.1	93.5	97.7	-	-
Electronics stores <sup>4</sup> .....	443142	105.9	106.4	106.0	-	-	149.4	155.9	153.9	-	-
Building material and garden supply stores <sup>4</sup> .....	444	100.5	104.0	103.3	-	-	133.3	140.9	140.4	-	-
Building material and supplies dealers <sup>4</sup> .....	4441	99.0	102.5	102.3	-	-	130.6	137.8	138.3	-	-
Home centers <sup>4</sup> .....	44411	113.2	117.1	116.3	-	-	144.9	154.6	153.6	-	-
Hardware stores <sup>4</sup> .....	44413	88.0	89.2	89.3	-	-	120.9	125.5	126.0	-	-
Lawn and garden equipment and supplies stores <sup>4</sup> .....	4442	111.0	115.5	115.4	-	-	153.2	165.4	163.1	-	-
Food and beverage stores <sup>4</sup> .....	445	93.4	95.1	95.3	-	-	114.4	120.2	120.7	-	-
Grocery stores <sup>4</sup> .....	4451	94.5	96.0	96.1	-	-	116.5	121.7	122.2	-	-
Supermarkets and other grocery stores <sup>4</sup> .....	44511	93.6	94.8	95.2	-	-	115.3	120.3	121.1	-	-
Convenience stores <sup>4</sup> .....	44512	111.6	112.6	112.4	-	-	146.6	147.4	145.1	-	-
Specialty food stores <sup>4</sup> .....	4452	75.0	81.1	81.9	-	-	90.5	100.4	101.3	-	-
Meat markets and fish and seafood markets <sup>4</sup> .....	44521,2	98.5	102.1	103.9	-	-	127.0	128.6	130.5	-	-
Beer, wine, and liquor stores <sup>4</sup> .....	4453	102.3	105.8	106.3	-	-	118.6	131.0	132.1	-	-
Health and personal care stores <sup>4</sup> .....	446	105.0	106.6	105.5	-	-	153.2	160.7	160.9	-	-
Pharmacies and drug stores <sup>4</sup> .....	44611	97.4	96.1	95.6	-	-	151.6	154.0	154.7	-	-
Cosmetic and beauty supply stores <sup>4</sup> .....	44612	143.4	159.5	158.5	-	-	174.4	203.7	210.8	-	-
Optical goods stores <sup>4</sup> .....	44613	127.6	139.0	138.6	-	-	171.7	192.1	192.0	-	-
Other health and personal care stores <sup>4</sup> .....	44619	103.5	106.2	103.2	-	-	134.1	148.7	149.8	-	-
Gasoline stations <sup>4</sup> .....	447	101.8	104.7	103.9	-	-	136.9	141.9	141.2	-	-
Gasoline stations with convenience stores <sup>4</sup> .....	44711	106.7	109.2	109.6	-	-	144.8	149.3	150.0	-	-
Other gasoline stations <sup>4</sup> .....	44719	77.7	79.8	79.3	-	-	103.9	107.7	107.9	-	-
Clothing and clothing accessories stores <sup>4</sup> .....	448	92.0	91.7	91.9	-	-	123.1	131.4	131.7	-	-
Clothing stores <sup>4</sup> .....	4481	92.4	92.0	92.1	-	-	119.8	126.9	127.2	-	-
Women's clothing stores <sup>4</sup> .....	44812	112.7	105.7	104.3	-	-	141.1	132.5	131.3	-	-
Family clothing stores <sup>4</sup> .....	44814	83.8	84.1	83.9	-	-	104.1	115.4	114.2	-	-
Clothing accessories stores <sup>4</sup> .....	44815	135.0	126.9	128.2	-	-	195.4	195.9	196.5	-	-
Shoe stores <sup>4</sup> .....	4482	108.9	110.4	110.9	-	-	173.2	185.9	185.3	-	-
Jewelry, luggage, and leather goods stores <sup>4</sup> .....	4483	77.0	73.3	74.3	-	-	105.7	113.6	115.6	-	-
Sporting goods, hobby, book, and music stores <sup>4</sup> .....	451	99.9	102.6	97.6	-	-	147.2	152.5	143.9	-	-
Sporting goods and musical instrument stores <sup>4</sup> .....	4511	117.9	122.8	116.7	-	-	170.2	178.6	168.3	-	-
Sporting goods stores <sup>4</sup> .....	45111	141.0	148.8	147.2	-	-	195.7	208.2	203.9	-	-
Book stores and news dealers <sup>4</sup> .....	4512	43.8	39.7	39.0	-	-	67.2	62.8	61.0	-	-
General merchandise stores <sup>4</sup> .....	452	116.5	122.0	122.0	-	-	153.2	169.9	170.9	-	-
Miscellaneous store retailers <sup>4</sup> .....	453	82.7	83.7	83.1	-	-	106.3	108.6	108.4	-	-
Florists <sup>4</sup> .....	4531	45.9	46.9	48.3	-	-	61.6	65.2	69.4	-	-
Office supplies, stationery, and gift stores <sup>4</sup> .....	4532	51.3	49.8	49.7	-	-	65.1	63.3	62.6	-	-
Office supplies and stationery stores <sup>4</sup> .....	45321	52.6	47.0	46.2	-	-	62.9	55.0	53.7	-	-
Gift, novelty, and souvenir stores <sup>4</sup> .....	45322	51.2	52.0	52.8	-	-	70.0	74.7	75.2	-	-
Used merchandise stores <sup>4</sup> .....	4533	171.9	174.1	175.2	-	-	253.9	257.3	257.7	-	-
Other miscellaneous store retailers <sup>4</sup> .....	4539	113.4	116.8	115.3	-	-	143.5	149.6	151.2	-	-
Pet and pet supplies stores <sup>4</sup> .....	45391	173.1	184.4	181.6	-	-	235.9	255.7	254.7	-	-
Nonstore retailers <sup>4</sup> .....	454	126.5	128.4	126.3	-	-	181.5	180.0	177.1	-	-
Electronic shopping and mail-order houses <sup>4</sup> .....	4541	166.5	167.9	166.3	-	-	229.7	221.3	219.7	-	-
Transportation and warehousing.....		129.6	133.9	134.6	134.6	0.0	175.9	185.4	186.7	187.3	0.3
Air transportation <sup>4</sup> .....	481	73.6	74.7	74.9	-	-	157.5	161.8	161.5	-	-
Truck transportation <sup>4</sup> .....	484	117.2	119.6	119.8	-	-	161.3	167.7	168.7	-	-
General freight trucking <sup>4</sup> .....	4841	114.0	116.0	115.7	-	-	154.2	158.1	158.0	-	-
General freight trucking, local <sup>4</sup> .....	48411	111.7	116.2	115.7	-	-	156.0	164.4	163.4	-	-
General freight trucking, long-distance <sup>4</sup> .....	48412	114.5	116.0	116.2	-	-	153.1	156.6	156.7	-	-
General freight trucking, long-distance TL <sup>4</sup> .....	484121	110.3	111.0	110.8	-	-	150.2	150.3	150.4	-	-
General freight trucking, long-distance LTL <sup>4</sup> .....	484122	125.2	127.6	128.2	-	-	160.7	169.5	169.5	-	-
Specialized freight trucking <sup>4</sup> .....	4842	125.9	129.3	129.8	-	-	182.9	195.6	198.3	-	-
Used household and office goods moving <sup>4</sup> .....	48421	83.4	88.7	88.4	-	-	112.1	131.4	131.9	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Other specialized trucking, local <sup>4</sup> .....	48422	136.1	138.6	139.3	-	-	202.2	217.2	222.5	-	-
Other specialized trucking, long-distance <sup>4</sup> .....	48423	145.7	147.3	147.4	-	-	203.5	203.2	207.3	-	-
Transit and ground passenger transportation <sup>4</sup> .....	485	135.3	144.3	142.2	-	-	181.9	200.8	198.5	-	-
School and employee bus transportation <sup>4</sup> .....	4854	129.6	156.7	154.3	-	-	173.9	225.2	223.2	-	-
Other ground passenger transportation <sup>4</sup> .....	4859	195.3	205.6	202.4	-	-	244.7	265.3	261.8	-	-
Pipeline transportation <sup>4</sup> .....	486	130.7	129.2	131.1	-	-	240.3	246.3	250.7	-	-
Support activities for transportation <sup>4</sup> .....	488	132.7	136.0	137.6	-	-	169.0	177.7	180.3	-	-
Support activities for air transportation <sup>4</sup> .....	4881	146.5	150.0	150.9	-	-	167.5	174.4	177.6	-	-
Airport operations <sup>4</sup> .....	48811	148.2	153.4	155.2	-	-	143.6	149.5	154.5	-	-
Support activities for water transportation <sup>4</sup> .....	4883	86.1	90.0	90.3	-	-	132.0	145.3	144.0	-	-
Support activities for road transportation <sup>4</sup> .....	4884	154.7	157.1	157.7	-	-	168.2	176.4	178.1	-	-
Freight transportation arrangement <sup>4</sup> .....	4885	137.7	141.7	142.8	-	-	194.8	202.9	202.9	-	-
Support activities for other transportation, including rail <sup>4</sup> .....	4882,9	141.1	137.3	138.3	-	-	209.4	207.9	212.5	-	-
Couriers and messengers <sup>4</sup> .....	492	170.9	179.7	185.6	-	-	209.4	229.7	236.4	-	-
Warehousing and storage <sup>4</sup> .....	493	207.1	219.7	219.5	-	-	239.1	263.7	263.9	-	-
General warehousing and storage <sup>4</sup> .....	49311	222.8	235.0	234.0	-	-	258.4	282.0	281.3	-	-
Utilities.....	22	96.1	96.7	95.4	97.0	1.7	144.1	147.5	145.8	149.6	2.6
Power generation and supply <sup>4</sup> .....	2211	94.3	96.5	95.1	-	-	148.6	150.9	148.7	-	-
Electric power generation <sup>4</sup> .....	22111	60.1	60.8	60.5	-	-	96.4	94.1	94.1	-	-
Fossil fuel electric power generation <sup>4</sup> .....	221112	66.7	68.4	68.2	-	-	111.8	113.4	113.9	-	-
Electric power transmission and distribution <sup>4</sup> .....	22112	149.2	152.8	149.6	-	-	242.9	251.4	245.6	-	-
Natural gas distribution <sup>4</sup> .....	2212	92.4	91.3	91.2	-	-	120.3	137.2	137.9	-	-
Water, sewage and other systems <sup>4</sup> .....	2213	120.0	116.3	116.6	-	-	153.8	147.0	145.8	-	-
Information.....	51	91.7	90.1	90.7	90.3	-0.4	139.5	141.3	142.1	142.7	0.4
Publishing industries, except Internet <sup>4</sup> .....	511	99.6	99.7	99.3	-	-	156.1	159.9	159.2	-	-
Newspaper, book, and directory publishers <sup>4</sup> .....	5111	73.7	70.9	69.5	-	-	111.2	107.4	105.4	-	-
Newspaper publishers <sup>4</sup> .....	51111	66.7	61.8	60.9	-	-	88.7	79.0	77.9	-	-
Periodical publishers <sup>4</sup> .....	51112	89.1	90.2	86.2	-	-	148.0	151.2	145.7	-	-
Software publishers <sup>4</sup> .....	5112	141.3	146.7	147.4	-	-	191.9	202.7	203.4	-	-
Motion picture and sound recording industries <sup>4</sup> .....	512	90.1	86.8	88.8	-	-	106.3	102.1	103.6	-	-
Broadcasting, except Internet <sup>4</sup> .....	515	82.5	82.1	80.7	-	-	125.1	129.4	129.5	-	-
Radio broadcasting <sup>4</sup> .....	51511	84.6	87.1	84.5	-	-	134.8	145.7	146.2	-	-
Telecommunications <sup>4</sup> .....	517	71.0	68.6	68.1	-	-	103.7	106.9	106.8	-	-
Wired and wireless telecommunications carriers <sup>4</sup> .....	5173	76.9	74.5	73.5	-	-	112.9	116.8	116.1	-	-
Data processing, hosting and related services <sup>4</sup> .....	518	115.8	116.9	115.6	-	-	207.7	207.1	203.6	-	-
Other information services <sup>4</sup> .....	519	245.7	252.1	262.4	-	-	386.3	398.9	417.1	-	-
Financial activities.....		114.8	115.7	115.6	116.1	0.4	188.4	191.5	191.1	192.1	0.5
Credit intermediation and related activities <sup>4</sup> .....	522	108.6	108.8	108.5	-	-	177.1	180.3	179.8	-	-
Depository credit intermediation <sup>4</sup> .....	5221	105.5	107.4	107.2	-	-	175.1	184.9	184.8	-	-
Commercial banking <sup>4</sup> .....	52211	111.9	114.0	113.4	-	-	189.9	200.8	199.4	-	-
Savings institutions <sup>4</sup> .....	52212	49.8	49.9	49.3	-	-	75.1	78.7	78.8	-	-
Credit unions and other depository credit intermediation <sup>4</sup> .....	52213,9	128.9	131.9	131.9	-	-	207.1	218.7	220.1	-	-
Nondepository credit intermediation <sup>4</sup> .....	5222	102.0	102.1	101.2	-	-	155.9	160.7	157.8	-	-
Consumer lending <sup>4</sup> .....	522291	109.8	107.4	106.9	-	-	140.2	145.6	145.9	-	-
Real estate credit <sup>4</sup> .....	522292	99.1	98.9	98.1	-	-	140.3	145.2	138.3	-	-
Activities related to credit intermediation <sup>4</sup> .....	5223	148.6	138.6	142.0	-	-	254.0	220.6	228.4	-	-
Securities, commodity contracts, investments, and funds and trusts <sup>4</sup> .....	523,5	131.7	127.8	128.4	-	-	238.1	230.9	230.9	-	-
Securities brokerage <sup>4</sup> .....	52312	110.4	104.5	105.5	-	-	189.9	185.5	187.1	-	-
Securities and commodity contracts brokerage and exchanges <sup>4</sup> .....	5231,2	105.2	97.8	99.3	-	-	197.9	178.0	179.0	-	-
Other financial investment activities, including funds and trusts <sup>4</sup> .....	5239; 525	176.1	178.1	177.1	-	-	303.4	317.8	315.8	-	-
Portfolio management <sup>4</sup> .....	52392	171.0	173.1	168.2	-	-	303.5	327.8	315.9	-	-
Investment advice <sup>4</sup> .....	52393	222.1	227.9	232.1	-	-	365.3	388.4	401.4	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Insurance carriers and related activities <sup>4</sup> .....	524	118.3	118.5	118.3	-	-	181.8	184.3	183.9	-	-
Insurance carriers <sup>4</sup> .....	5241	105.4	105.0	105.2	-	-	164.1	164.4	164.4	-	-
Direct life and health insurance carriers <sup>4</sup> .....	52411	111.2	113.4	112.9	-	-	179.7	185.5	184.6	-	-
Direct insurers, except life and health <sup>4</sup> .....	52412	99.7	97.5	97.5	-	-	146.7	143.5	143.1	-	-
Reinsurance carriers <sup>4</sup> .....	52413	94.1	92.5	92.1	-	-	230.3	212.8	209.3	-	-
Insurance agencies, brokerages, and related services <sup>4</sup> ..	5242	144.1	144.6	143.5	-	-	220.9	227.1	225.8	-	-
Insurance agencies and brokerages <sup>4</sup> .....	52421	142.2	143.1	141.5	-	-	213.7	222.6	220.7	-	-
Other insurance-related activities <sup>4</sup> .....	52429	149.1	149.6	150.3	-	-	239.0	239.1	240.3	-	-
Third-party administration of insurance funds <sup>4</sup> .....	524292	142.6	145.5	146.9	-	-	229.9	239.1	241.6	-	-
Real estate <sup>4</sup> .....	531	121.0	125.3	125.4	-	-	200.3	210.5	209.6	-	-
Lessors of real estate <sup>4</sup> .....	5311	94.6	98.1	97.7	-	-	153.8	165.5	166.7	-	-
Lessors of residential buildings <sup>4</sup> .....	53111	91.3	91.9	90.6	-	-	143.2	147.5	146.3	-	-
Lessors of nonresidential buildings <sup>4</sup> .....	53112	88.3	96.3	97.0	-	-	168.7	194.8	199.6	-	-
Offices of real estate agents and brokers <sup>4</sup> .....	5312	111.8	115.3	114.5	-	-	193.8	206.4	202.7	-	-
Activities related to real estate <sup>4</sup> .....	5313	164.8	170.4	172.0	-	-	259.4	266.8	266.1	-	-
Real estate property managers <sup>4</sup> .....	53131	165.9	172.6	173.6	-	-	260.1	269.9	269.9	-	-
Residential property managers <sup>4</sup> .....	531311	175.4	185.1	185.6	-	-	270.7	290.0	291.2	-	-
Nonresidential property managers <sup>4</sup> .....	531312	142.9	142.1	144.2	-	-	242.2	232.0	233.1	-	-
Rental and leasing services <sup>4</sup> .....	532	95.2	101.6	102.9	-	-	154.0	167.7	172.3	-	-
Home health equipment rental <sup>4</sup> .....	532283	123.8	116.2	116.1	-	-	127.6	127.3	127.4	-	-
General rental centers <sup>4</sup> .....	5323	59.5	59.1	57.4	-	-	61.2	62.6	61.8	-	-
Machinery and equipment rental and leasing <sup>4</sup> .....	5324	151.5	180.0	179.8	-	-	254.5	309.9	313.5	-	-
Heavy machinery rental and leasing <sup>4</sup> .....	53241	144.8	180.8	181.5	-	-	277.9	343.0	352.7	-	-
Office equipment and other machinery rental and leasing <sup>4</sup> .....	53242,9	162.4	179.9	180.8	-	-	226.8	263.7	265.9	-	-
Professional and business services.....		133.2	135.8	136.1	136.5	0.3	206.6	215.9	216.7	217.9	0.6
Professional and technical services <sup>4</sup> .....	54	143.3	146.4	146.8	-	-	224.7	235.9	236.7	-	-
Legal services <sup>4</sup> .....	5411	102.5	103.7	103.2	-	-	154.8	164.9	164.2	-	-
Offices of lawyers <sup>4</sup> .....	54111	100.6	102.1	101.5	-	-	152.0	163.0	162.0	-	-
Other legal services <sup>4</sup> .....	54119	130.8	129.0	130.2	-	-	209.8	211.6	215.9	-	-
Title abstract and settlement offices <sup>4</sup> .....	541191	113.9	113.2	113.5	-	-	159.5	164.3	165.6	-	-
Accounting and bookkeeping services <sup>4</sup> .....	5412	119.4	119.6	119.4	-	-	189.1	194.2	194.2	-	-
Offices of certified public accountants <sup>4</sup> .....	541211	128.0	131.2	131.1	-	-	191.3	195.1	195.4	-	-
Payroll services <sup>4</sup> .....	541214	132.9	134.6	135.7	-	-	209.7	228.9	232.5	-	-
Architectural and engineering services <sup>4</sup> .....	5413	116.0	116.8	117.2	-	-	180.8	186.7	187.6	-	-
Architectural services <sup>4</sup> .....	54131	107.6	110.8	109.6	-	-	160.3	171.5	170.1	-	-
Landscape architectural services <sup>4</sup> .....	54132	75.1	79.7	81.4	-	-	119.9	135.1	140.0	-	-
Engineering and drafting services <sup>4</sup> .....	54133,4	121.1	122.2	122.0	-	-	190.3	195.4	195.2	-	-
Building inspection, surveying, and mapping services <sup>4</sup> ..	54135,6,7	96.2	100.8	99.4	-	-	154.1	164.7	164.5	-	-
Testing laboratories <sup>4</sup> .....	54138	119.9	118.0	119.9	-	-	168.8	176.6	180.7	-	-
Specialized design services <sup>4</sup> .....	5414	117.6	117.2	116.6	-	-	205.0	207.2	207.4	-	-
Graphic design services <sup>4</sup> .....	54143	100.9	94.1	93.9	-	-	180.1	174.0	171.7	-	-
Computer systems design and related services <sup>4</sup> .....	5415	183.0	188.1	188.7	-	-	265.0	280.1	281.6	-	-
Custom computer programming services <sup>4</sup> .....	541511	173.0	178.9	179.0	-	-	248.1	264.0	264.0	-	-
Computer systems design services <sup>4</sup> .....	541512	228.1	231.1	232.1	-	-	314.4	326.6	328.8	-	-
Management and technical consulting services <sup>4</sup> .....	5416	235.8	241.6	243.5	-	-	353.5	369.0	372.3	-	-
Management consulting services <sup>4</sup> .....	54161	233.3	244.0	244.2	-	-	342.5	360.9	362.8	-	-
Administrative management consulting services <sup>4</sup> .....	541611	262.6	277.9	279.2	-	-	421.3	443.9	444.0	-	-
Marketing consulting services <sup>4</sup> .....	541613	397.8	411.0	411.0	-	-	555.1	591.1	599.9	-	-
Process and logistics consulting services <sup>4</sup> .....	541614	219.4	226.5	231.3	-	-	280.4	275.6	286.8	-	-
Scientific research and development services <sup>4</sup> .....	5417	135.7	142.0	143.2	-	-	226.8	242.7	243.8	-	-
Research and development in the physical, engineering, and life sciences <sup>4</sup> .....	54171	142.1	148.9	149.5	-	-	238.4	254.9	255.3	-	-
Research and development in nanotechnology <sup>4</sup> .....	541713	146.5	183.5	185.4	-	-	242.4	322.9	328.4	-	-
Research and development in biotechnology, except nanobiotechnology <sup>4</sup> .....	541714	173.5	181.5	182.2	-	-	277.2	295.5	297.0	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology <sup>4</sup> .....	541715	132.3	136.7	137.2	-	-	228.4	239.9	240.0	-	-
Social science and humanities research <sup>4</sup> .....	54172	85.1	88.8	93.7	-	-	125.8	136.0	141.1	-	-
Advertising and related services <sup>4</sup> .....	5418	126.8	126.5	126.3	-	-	208.9	211.7	211.2	-	-
Advertising agencies <sup>4</sup> .....	54181	145.8	142.3	143.2	-	-	229.7	222.2	224.9	-	-
Public relations agencies <sup>4</sup> .....	54182	134.9	140.0	135.8	-	-	219.1	237.0	231.5	-	-
Advertising material distribution and other advertising services <sup>4</sup> .....	54187,9	147.8	142.1	152.0	-	-	238.8	236.0	252.0	-	-
Other professional and technical services <sup>4</sup> .....	5419	164.9	172.4	173.9	-	-	279.8	301.4	304.7	-	-
Marketing research and public opinion polling <sup>4</sup> .....	54191	83.6	84.2	86.9	-	-	140.8	147.6	150.4	-	-
Photographic services <sup>4</sup> .....	54192	67.7	60.6	59.7	-	-	112.7	103.6	102.8	-	-
Veterinary services <sup>4</sup> .....	54194	170.1	175.6	176.9	-	-	265.2	274.2	278.0	-	-
Miscellaneous professional and technical services <sup>4</sup> .....	54193,9	427.5	468.4	471.3	-	-	772.2	881.2	890.9	-	-
Management of companies and enterprises <sup>4</sup> .....	55	126.7	128.0	127.8	-	-	219.5	224.2	225.3	-	-
Offices of bank holding companies and of other holding companies <sup>4</sup> .....	551111,2	96.8	109.9	108.0	-	-	161.4	188.9	188.1	-	-
Managing offices <sup>4</sup> .....	551114	128.2	128.8	128.5	-	-	223.2	226.2	227.3	-	-
Administrative and waste services <sup>4</sup> .....	56	125.5	128.8	129.1	-	-	176.5	185.7	186.2	-	-
Administrative and support services <sup>4</sup> .....	561	125.9	128.3	128.5	-	-	177.7	185.6	185.9	-	-
Office administrative services <sup>4</sup> .....	5611	192.4	196.4	197.8	-	-	332.8	347.6	350.5	-	-
Facilities support services <sup>4</sup> .....	5612	156.7	149.6	149.1	-	-	175.4	171.4	171.3	-	-
Employment services <sup>4</sup> .....	5613	118.3	120.9	121.2	-	-	160.5	166.5	166.5	-	-
Employment placement agencies and executive search services <sup>4</sup> .....	56131	105.7	113.4	112.5	-	-	176.1	178.0	176.0	-	-
Temporary help services <sup>4</sup> .....	56132	142.9	145.8	146.3	-	-	191.9	201.0	201.0	-	-
Professional employer organizations <sup>4</sup> .....	56133	50.0	50.7	50.3	-	-	66.3	67.5	67.4	-	-
Business support services <sup>4</sup> .....	5614	130.7	131.2	131.6	-	-	189.7	194.5	195.2	-	-
Telephone call centers <sup>4</sup> .....	56142	167.4	169.0	167.8	-	-	254.8	267.3	266.0	-	-
Business service centers <sup>4</sup> .....	56143	91.3	89.8	91.4	-	-	128.1	123.1	124.5	-	-
Collection agencies <sup>4</sup> .....	56144	89.3	88.2	89.0	-	-	126.7	127.9	129.4	-	-
Travel arrangement and reservation services <sup>4</sup> .....	5615	90.8	89.7	88.4	-	-	145.1	150.9	148.5	-	-
Travel agencies <sup>4</sup> .....	56151	76.6	72.1	70.7	-	-	99.6	100.3	99.7	-	-
Investigation and security services <sup>4</sup> .....	5616	127.6	130.2	130.4	-	-	189.3	201.8	203.6	-	-
Security and armored car services <sup>4</sup> .....	56161	124.9	126.6	127.0	-	-	182.7	192.6	194.3	-	-
Security systems services <sup>4</sup> .....	56162	146.8	153.8	155.8	-	-	220.6	243.6	249.6	-	-
Services to buildings and dwellings <sup>4</sup> .....	5617	134.3	138.1	137.7	-	-	189.0	201.1	200.7	-	-
Exterminating and pest control services <sup>4</sup> .....	56171	159.9	166.3	165.4	-	-	237.2	245.8	244.5	-	-
Janitorial services <sup>4</sup> .....	56172	125.2	129.4	129.6	-	-	171.6	179.9	181.9	-	-
Landscaping services <sup>4</sup> .....	56173	144.2	147.3	147.0	-	-	205.3	220.9	219.4	-	-
Carpet and upholstery cleaning services <sup>4</sup> .....	56174	92.4	98.3	100.8	-	-	124.6	141.6	146.0	-	-
Other services to buildings and dwellings <sup>4</sup> .....	56179	127.9	139.6	136.4	-	-	163.0	181.5	179.4	-	-
Other support services <sup>4</sup> .....	5619	112.2	114.0	116.6	-	-	148.2	154.8	157.7	-	-
Packaging and labeling services <sup>4</sup> .....	56191	124.2	122.5	124.4	-	-	188.4	188.2	188.8	-	-
Convention and trade show organizers <sup>4</sup> .....	56192	100.4	109.2	109.5	-	-	116.5	120.6	123.0	-	-
All other support services <sup>4</sup> .....	56199	111.3	112.4	115.7	-	-	154.6	164.2	167.7	-	-
Waste management and remediation services <sup>4</sup> .....	562	126.4	133.2	134.9	-	-	168.0	182.4	185.7	-	-
Waste collection <sup>4</sup> .....	5621	162.4	172.8	174.5	-	-	216.1	236.1	236.4	-	-
Waste treatment and disposal <sup>4</sup> .....	5622	87.2	89.0	88.8	-	-	135.6	140.3	140.4	-	-
Remediation and other waste services <sup>4</sup> .....	5629	132.0	140.7	144.4	-	-	160.4	180.7	188.3	-	-
Education and health services.....		140.0	143.0	143.2	143.1	-0.1	213.4	223.0	223.6	224.0	0.2
Health care and social assistance <sup>4</sup> .....	62	141.8	144.9	145.2	-	-	217.9	228.5	229.2	-	-
Health care <sup>6, 4</sup> .....	621,2,3	137.8	140.8	141.0	-	-	217.1	227.4	227.8	-	-
Ambulatory health care services <sup>4</sup> .....	621	160.1	164.1	164.9	-	-	250.9	262.7	263.2	-	-
Offices of physicians <sup>4</sup> .....	6211	138.3	141.1	141.2	-	-	249.2	260.8	258.4	-	-
Offices of physicians, except mental health <sup>4</sup> .....	621111	138.2	141.2	141.3	-	-	249.7	261.9	259.6	-	-
Offices of mental health physicians <sup>4</sup> .....	621112	121.2	135.3	141.8	-	-	182.8	197.1	204.2	-	-
Offices of dentists <sup>4</sup> .....	6212	126.1	125.6	125.8	-	-	180.9	181.7	182.2	-	-

See footnotes at end of table.



**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Offices of other health practitioners <sup>4</sup> .....	6213	177.7	185.4	183.8	-	-	258.9	275.3	273.5	-	-
Offices of chiropractors <sup>4</sup> .....	62131	131.9	143.6	142.1	-	-	193.2	207.2	203.7	-	-
Offices of optometrists <sup>4</sup> .....	62132	153.8	158.8	158.7	-	-	229.6	244.4	241.2	-	-
Offices of mental health practitioners <sup>4</sup> .....	62133	135.1	146.9	147.1	-	-	161.5	182.1	178.7	-	-
Offices of specialty therapists <sup>4</sup> .....	62134	198.7	202.1	200.6	-	-	291.3	306.5	307.0	-	-
Offices of all other health practitioners <sup>4</sup> .....	62139	251.6	264.0	259.8	-	-	345.7	365.3	359.3	-	-
Outpatient care centers <sup>4</sup> .....	6214	213.1	224.4	226.7	-	-	330.0	357.9	362.6	-	-
Outpatient mental health centers <sup>4</sup> .....	62142	172.3	178.8	178.4	-	-	228.7	246.4	250.9	-	-
Outpatient care centers, except mental health <sup>4</sup> .....	62141,9	232.4	246.0	248.7	-	-	370.6	402.3	406.3	-	-
Freestanding emergency medical centers <sup>4</sup> .....	621493	244.8	268.6	277.0	-	-	378.5	414.1	426.5	-	-
Miscellaneous outpatient care centers <sup>4</sup> .....	621410,98	232.8	246.4	247.5	-	-	372.1	403.0	400.4	-	-
Medical and diagnostic laboratories <sup>4</sup> .....	6215	158.9	163.3	161.6	-	-	229.0	244.0	243.5	-	-
Medical laboratories <sup>4</sup> .....	621511	161.8	167.7	163.5	-	-	235.2	251.0	247.5	-	-
Diagnostic imaging centers <sup>4</sup> .....	621512	150.2	153.7	156.4	-	-	212.6	229.6	233.5	-	-
Home health care services <sup>4</sup> .....	6216	210.9	216.2	216.3	-	-	282.8	291.4	290.7	-	-
Other ambulatory health care services <sup>4</sup> .....	6219	162.4	161.9	162.0	-	-	259.9	264.9	266.7	-	-
Ambulance services <sup>4</sup> .....	62191	162.3	159.9	159.2	-	-	242.8	254.7	257.6	-	-
All other ambulatory health care services <sup>4</sup> .....	62199	162.1	164.5	164.4	-	-	280.6	277.2	276.3	-	-
Hospitals <sup>4</sup> .....	622	127.3	131.1	131.3	-	-	208.2	220.5	221.0	-	-
General medical and surgical hospitals <sup>4</sup> .....	6221	125.4	128.2	128.3	-	-	205.9	216.4	216.7	-	-
Nursing and residential care facilities <sup>4</sup> .....	623	119.6	120.7	120.5	-	-	164.6	170.0	170.6	-	-
Nursing care facilities <sup>4</sup> .....	6231	101.9	103.0	103.0	-	-	142.8	145.6	146.2	-	-
Residential mental health facilities <sup>4</sup> .....	6232	131.6	133.9	133.3	-	-	182.3	195.2	194.8	-	-
Residential intellectual and developmental disability facilities <sup>4</sup> .....	62321	122.3	123.3	123.2	-	-	162.7	173.0	172.4	-	-
Residential mental health and substance abuse facilities <sup>4</sup> .....	62322	152.0	157.9	156.8	-	-	219.9	239.3	240.0	-	-
Community care facilities for the elderly <sup>4</sup> .....	6233	168.1	169.0	169.2	-	-	233.3	242.3	244.0	-	-
Continuing care retirement communities <sup>4</sup> .....	623311	205.1	206.5	205.7	-	-	287.2	298.3	299.2	-	-
Assisted living facilities for the elderly <sup>4</sup> .....	623312	137.3	138.5	138.8	-	-	183.5	192.0	193.3	-	-
Other residential care facilities <sup>4</sup> .....	6239	97.1	97.5	99.2	-	-	128.4	133.7	138.2	-	-
Social assistance <sup>4</sup> .....	624	167.1	168.8	168.8	-	-	230.3	238.6	239.8	-	-
Individual and family services <sup>4</sup> .....	6241	224.1	227.2	228.8	-	-	298.7	311.7	315.9	-	-
Child and youth services <sup>4</sup> .....	62411	132.6	132.0	134.9	-	-	190.4	193.9	202.4	-	-
Services for the elderly and persons with disabilities <sup>4</sup> .....	62412	286.4	291.3	291.7	-	-	391.6	410.4	412.7	-	-
Other individual and family services <sup>4</sup> .....	62419	144.4	146.3	146.6	-	-	207.3	217.3	218.9	-	-
Emergency and other relief services <sup>4</sup> .....	6242	138.8	142.4	143.6	-	-	208.5	216.3	219.2	-	-
Vocational rehabilitation services <sup>4</sup> .....	6243	94.7	95.2	95.5	-	-	129.7	132.1	132.3	-	-
Child day care services <sup>4</sup> .....	6244	128.0	130.5	129.2	-	-	177.1	184.9	183.3	-	-
Leisure and hospitality.....		129.0	131.6	131.2	130.8	-0.3	196.7	206.3	206.7	206.7	0.0
Arts, entertainment, and recreation <sup>4</sup> .....	71	116.2	116.2	117.3	-	-	168.3	170.0	172.5	-	-
Performing arts and spectator sports <sup>4</sup> .....	711	123.8	123.4	123.4	-	-	199.0	202.8	204.7	-	-
Performing arts companies <sup>4</sup> .....	7111	107.2	117.3	119.6	-	-	198.2	228.2	227.5	-	-
Spectator sports <sup>4</sup> .....	7112	105.5	106.7	107.0	-	-	164.4	162.2	167.0	-	-
Arts and sports promoters and agents and managers for public figures <sup>4</sup> .....	7113,4	185.1	169.8	168.4	-	-	258.7	257.4	257.0	-	-
Independent artists, writers, and performers <sup>4</sup> .....	7115	122.3	119.0	122.8	-	-	206.7	199.7	204.9	-	-
Museums, historical sites, and similar institutions <sup>4</sup> .....	712	133.5	138.6	139.5	-	-	187.1	194.1	196.1	-	-
Museums <sup>4</sup> .....	71211	119.0	121.6	121.1	-	-	165.1	164.7	165.8	-	-
Historical sites and other similar institutions <sup>4</sup> .....	71212,3,9	157.0	166.1	166.4	-	-	233.7	254.8	254.5	-	-
Amusements, gambling, and recreation <sup>4</sup> .....	713	112.1	112.4	113.1	-	-	152.6	154.1	155.4	-	-
Gambling industries <sup>4</sup> .....	7132	92.1	88.4	88.4	-	-	149.4	146.1	145.5	-	-
Golf courses and country clubs <sup>4</sup> .....	71391	122.2	119.7	118.1	-	-	172.8	174.2	172.9	-	-
Skiing facilities <sup>4</sup> .....	71392	145.7	169.9	169.9	-	-	234.3	286.4	292.3	-	-
Marinas <sup>4</sup> .....	71393	131.6	134.7	133.3	-	-	196.5	190.7	186.5	-	-
Fitness and recreational sports centers <sup>4</sup> .....	71394	107.0	111.2	110.0	-	-	133.2	136.0	134.9	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>	Aug. 2017	June 2018	July 2018 <sup>P</sup>	Aug. 2018 <sup>P</sup>	Percent change from: July 2018 - Aug. 2018 <sup>P</sup>
Bowling centers <sup>4</sup> .....	71395	77.8	75.6	75.5	-	-	105.1	103.1	106.7	-	-
Accommodation and food services <sup>4</sup> .....	72	131.1	133.8	133.5	-	-	203.5	214.6	215.0	-	-
Accommodation <sup>4</sup> .....	721	111.9	114.4	114.5	-	-	162.0	169.1	169.7	-	-
Traveler accommodation <sup>4</sup> .....	7211	110.3	112.3	112.1	-	-	160.7	166.6	166.6	-	-
Hotels and motels, except casino hotels <sup>4</sup> .....	72111	114.9	115.8	115.7	-	-	169.3	174.6	174.3	-	-
RV parks and recreational camps <sup>4</sup> .....	7212	174.6	195.9	184.8	-	-	219.9	275.0	268.3	-	-
Food services and drinking places <sup>4</sup> .....	722	136.1	138.4	138.7	-	-	217.0	228.5	229.9	-	-
Special food services <sup>4</sup> .....	7223	137.9	142.9	146.7	-	-	200.4	215.3	223.4	-	-
Food service contractors <sup>4</sup> .....	72231	141.7	146.9	149.4	-	-	196.8	214.7	220.4	-	-
Caterers and mobile food services <sup>4</sup> .....	72232,3	130.0	130.0	137.4	-	-	220.5	216.9	234.7	-	-
Drinking places, alcoholic beverages <sup>4</sup> .....	7224	99.5	102.3	103.7	-	-	193.5	206.8	209.4	-	-
Restaurants and other eating places <sup>4</sup> .....	7225	137.1	139.9	139.7	-	-	218.7	231.0	231.3	-	-
Full-service restaurants <sup>4</sup> .....	722511	132.0	134.6	134.4	-	-	221.6	233.9	234.3	-	-
Limited-service restaurants <sup>4</sup> .....	722513	140.5	144.6	143.6	-	-	211.0	224.3	223.7	-	-
Cafeterias, grill buffets, and buffets <sup>4</sup> .....	722514	78.2	76.5	75.9	-	-	104.3	106.5	106.7	-	-
Snack and nonalcoholic beverage bars <sup>4</sup> .....	722515	211.8	210.7	211.4	-	-	317.1	329.0	331.1	-	-
Other services.....	81	103.2	105.0	104.5	105.2	0.7	151.8	157.4	157.1	157.9	0.5
Repair and maintenance <sup>4</sup> .....	811	107.7	108.7	108.8	-	-	152.2	160.7	160.7	-	-
Automotive repair and maintenance <sup>4</sup> .....	8111	105.5	104.3	104.2	-	-	149.9	152.9	152.6	-	-
Automotive mechanical and electrical repair <sup>4</sup> .....	81111	99.3	99.9	98.9	-	-	140.0	140.7	139.6	-	-
General automotive repair <sup>4</sup> .....	811111	112.3	113.9	113.3	-	-	157.8	158.4	158.0	-	-
Automotive body, interior, and glass repair <sup>4</sup> .....	81112	107.3	104.9	105.6	-	-	156.9	161.2	160.9	-	-
Other automotive repair and maintenance <sup>4</sup> .....	81119	115.3	112.8	112.5	-	-	163.9	173.2	172.8	-	-
Car washes <sup>4</sup> .....	811192	124.9	127.7	127.4	-	-	174.9	196.6	196.8	-	-
Auto oil change shops and all other auto repair and maintenance <sup>4</sup> .....	811191,8	100.2	91.5	90.8	-	-	149.1	146.0	145.4	-	-
Electronic equipment repair and maintenance <sup>4</sup> .....	8112	99.8	99.0	102.2	-	-	133.8	143.1	147.4	-	-
Computer and office machine repair <sup>4</sup> .....	811212	86.4	98.3	100.6	-	-	111.0	128.1	130.7	-	-
Miscellaneous electronic equipment repair and maintenance <sup>4</sup> .....	811211,3,9	111.2	99.8	103.3	-	-	152.5	155.2	160.7	-	-
Commercial machinery repair and maintenance <sup>4</sup> .....	8113	136.0	145.3	145.5	-	-	193.3	220.1	218.8	-	-
Household goods repair and maintenance <sup>4</sup> .....	8114	86.5	94.2	94.4	-	-	107.0	121.5	121.5	-	-
Personal and laundry services <sup>4</sup> .....	812	107.2	110.4	109.7	-	-	154.0	159.1	159.5	-	-
Personal care services <sup>4</sup> .....	8121	125.7	129.7	128.8	-	-	190.5	191.4	192.3	-	-
Hair, nail, and skin care services <sup>4</sup> .....	81211	114.5	120.8	120.7	-	-	168.8	171.6	174.4	-	-
Other personal care services <sup>4</sup> .....	81219	211.4	198.7	192.0	-	-	371.2	362.8	349.9	-	-
Death care services <sup>4</sup> .....	8122	92.3	92.4	90.0	-	-	138.8	138.3	135.4	-	-
Drycleaning and laundry services <sup>4</sup> .....	8123	80.8	78.7	78.7	-	-	107.3	108.2	109.0	-	-
Coin-operated laundries and drycleaners <sup>4</sup> .....	81231	72.6	65.4	62.3	-	-	83.0	76.3	73.5	-	-
Drycleaning and laundry services, except coin-operated <sup>4</sup> .....	81232	62.8	60.2	59.5	-	-	87.2	86.2	85.2	-	-
Linen and uniform supply <sup>4</sup> .....	81233	105.4	106.7	107.4	-	-	132.9	138.3	140.7	-	-
Other personal services <sup>4</sup> .....	8129	126.5	139.5	136.0	-	-	167.1	188.6	186.3	-	-
Pet care services, except veterinary <sup>4</sup> .....	81291	363.5	381.0	375.1	-	-	399.9	451.6	448.5	-	-
Parking lots and garages <sup>4</sup> .....	81293	124.8	134.2	132.4	-	-	188.2	193.0	192.1	-	-
Membership associations and organizations <sup>4</sup> .....	813	98.9	100.9	100.7	-	-	150.2	155.5	155.5	-	-
Grantmaking and giving services <sup>4</sup> .....	8132	153.8	149.9	149.5	-	-	280.6	285.6	283.8	-	-
Grantmaking foundations <sup>4</sup> .....	813211	285.4	260.4	255.3	-	-	503.0	477.9	474.1	-	-
Social advocacy organizations <sup>4</sup> .....	8133	123.9	127.6	125.6	-	-	215.0	230.8	230.3	-	-
Human rights organizations <sup>4</sup> .....	813311	114.4	109.7	109.5	-	-	181.8	199.9	203.8	-	-
Environment, conservation, and other social advocacy organizations <sup>4</sup> .....	813312,9	127.9	133.4	130.6	-	-	227.9	242.1	239.1	-	-
Civic and social organizations <sup>4</sup> .....	8134	84.7	84.7	83.8	-	-	123.7	125.7	125.3	-	-
Professional and similar organizations <sup>4</sup> .....	8139	97.2	105.4	107.1	-	-	148.9	164.5	166.6	-	-
Business associations <sup>4</sup> .....	81391	98.7	96.8	97.6	-	-	159.3	155.7	157.5	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2017	June 2018	July 2018 <sup>p</sup>	Aug. 2018 <sup>p</sup>	Percent change from: July 2018 - Aug. 2018 <sup>p</sup>	Aug. 2017	June 2018	July 2018 <sup>p</sup>	Aug. 2018 <sup>p</sup>	Percent change from: July 2018 - Aug. 2018 <sup>p</sup>
Professional organizations <sup>4</sup> .....	81392	135.2	153.3	152.9	—	—	206.9	236.1	234.2	—	—
Labor unions and similar labor organizations <sup>4</sup> .....	81393	80.4	90.4	90.7	—	—	120.8	140.4	141.4	—	—
Miscellaneous professional and similar organizations <sup>4</sup> ...	81394,9	96.1	106.4	108.6	—	—	146.3	174.5	176.2	—	—

<sup>1</sup> Data relate to production employees in mining and logging and manufacturing, construction employees in construction, and nonsupervisory employees in the service-providing industries. These groups account for approximately four-fifths of the total employment on private nonfarm payrolls.

<sup>2</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding 2002 annual average aggregate hours. Aggregate hours estimates are the product of estimates of average weekly hours and employment.

<sup>3</sup> The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding 2002 annual average aggregate weekly payrolls. Aggregate payrolls estimates are the product of estimates of average hourly earnings, average weekly hours, and employment.

<sup>4</sup> Seasonally Adjusted Independently. See [https://www.bls.gov/web/empsit/cestn.htm#SA\\_ind](https://www.bls.gov/web/empsit/cestn.htm#SA_ind) for details.

<sup>5</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

<sup>6</sup> Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

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