

**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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Total private.....		115.6	117.8	117.6	117.8	0.2	171.4	179.2	179.3	180.2	0.5
Goods-producing.....		91.3	94.5	94.2	94.6	0.4	130.3	139.0	138.9	140.1	0.9
Mining and logging.....		123.4	138.9	137.4	140.5	2.3	197.1	230.6	231.2	236.0	2.1
Logging <sup>4</sup> .....	1133	71.9	74.8	72.8	-	-	101.7	104.2	102.9	-	-
Mining <sup>4</sup> .....	21	130.7	147.7	146.2	-	-	208.4	245.3	245.5	-	-
Oil and gas extraction <sup>4</sup> .....	211	118.4	134.3	135.7	-	-	208.8	251.3	254.3	-	-
Mining, except oil and gas <sup>4</sup> .....	212	85.4	90.8	90.2	-	-	122.1	132.9	130.4	-	-
Coal mining <sup>4</sup> .....	2121	73.0	74.5	74.5	-	-	108.2	111.5	112.2	-	-
Stone mining and quarrying <sup>4</sup> .....	21231	83.9	89.4	89.4	-	-	120.6	138.2	137.8	-	-
Crushed and broken limestone mining <sup>4</sup> .....	212312	79.0	84.7	83.7	-	-	114.9	129.1	127.9	-	-
Other stone mining and quarrying <sup>4</sup> .....	212311,3,9	91.5	94.6	95.0	-	-	129.1	148.8	145.6	-	-
Support activities for mining <sup>4</sup> .....	213	187.6	218.7	216.3	-	-	327.0	396.3	401.5	-	-
Support activities for oil and gas operations <sup>4</sup> .....	213112	211.6	255.5	251.7	-	-	404.7	514.9	522.6	-	-
Construction.....	23	103.2	108.1	107.4	107.8	0.4	149.8	162.2	161.9	163.0	0.7
Construction of buildings <sup>4</sup> .....	236	92.5	95.8	96.0	-	-	139.1	149.4	150.7	-	-
Residential building <sup>4</sup> .....	2361	84.9	89.2	89.1	-	-	121.9	136.9	139.1	-	-
New single-family general contractors <sup>4</sup> .....	236115	63.5	64.6	64.8	-	-	91.9	101.2	103.6	-	-
Residential remodelers <sup>4</sup> .....	236118	124.3	138.2	136.4	-	-	168.8	197.8	198.4	-	-
Nonresidential building <sup>4</sup> .....	2362	100.1	102.3	102.5	-	-	153.2	159.6	160.1	-	-
Industrial building <sup>4</sup> .....	23621	90.8	95.3	97.5	-	-	142.4	152.9	159.8	-	-
Commercial building <sup>4</sup> .....	23622	103.4	104.5	104.0	-	-	156.9	161.2	159.5	-	-
Heavy and civil engineering construction <sup>4</sup> .....	237	106.3	113.6	112.1	-	-	168.2	187.9	187.9	-	-
Utility system construction <sup>4</sup> .....	2371	132.3	147.3	145.0	-	-	218.9	258.0	261.5	-	-
Water and sewer system construction <sup>4</sup> .....	23711	103.2	107.1	104.9	-	-	152.2	165.1	162.1	-	-
Oil and gas pipeline construction <sup>4</sup> .....	23712	170.2	210.5	197.8	-	-	327.5	407.0	378.8	-	-
Power and communication system construction <sup>4</sup> .....	23713	145.8	158.5	166.9	-	-	237.1	283.0	329.7	-	-
Highway, street, and bridge construction <sup>4</sup> .....	2373	93.2	97.8	96.3	-	-	133.4	146.7	144.6	-	-
Specialty trade contractors <sup>4</sup> .....	238	106.1	110.6	110.8	-	-	148.9	160.3	160.9	-	-
Building foundation and exterior contractors <sup>4</sup> .....	2381	97.3	98.5	97.1	-	-	133.9	141.0	138.6	-	-
Poured concrete structure contractors <sup>4</sup> .....	23811	119.5	127.1	125.4	-	-	179.4	194.8	193.7	-	-
Steel and precast concrete contractors <sup>4</sup> .....	23812	90.7	95.0	94.3	-	-	121.6	123.8	123.4	-	-
Framing contractors <sup>4</sup> .....	23813	69.1	63.9	63.9	-	-	86.1	85.1	84.4	-	-
Masonry contractors <sup>4</sup> .....	23814	67.8	66.6	65.9	-	-	92.5	93.1	92.8	-	-
Glass and glazing contractors <sup>4</sup> .....	23815	133.6	120.7	120.7	-	-	173.4	176.4	179.3	-	-
Roofing contractors <sup>4</sup> .....	23816	113.3	116.3	114.8	-	-	162.0	175.6	170.0	-	-
Siding contractors <sup>4</sup> .....	23817	112.7	117.8	117.1	-	-	174.5	213.6	214.1	-	-
Other building exterior contractors <sup>4</sup> .....	23819	126.9	139.3	143.0	-	-	167.2	189.2	192.7	-	-
Building equipment contractors <sup>4</sup> .....	2382	113.3	119.0	119.2	-	-	156.9	168.3	168.8	-	-
Electrical contractors <sup>4</sup> .....	23821	99.8	105.5	106.1	-	-	139.8	150.5	152.7	-	-
Plumbing and HVAC contractors <sup>4</sup> .....	23822	125.7	131.1	131.0	-	-	173.5	186.2	185.2	-	-
Other building equipment contractors <sup>4</sup> .....	23829	133.7	138.3	137.4	-	-	181.2	190.6	189.4	-	-
Building finishing contractors <sup>4</sup> .....	2383	92.9	95.6	96.6	-	-	133.2	142.1	144.0	-	-
Drywall and insulation contractors <sup>4</sup> .....	23831	78.0	83.2	83.8	-	-	116.6	125.9	127.6	-	-
Painting and wall covering contractors <sup>4</sup> .....	23832	95.6	92.5	93.4	-	-	126.5	135.3	137.8	-	-
Flooring contractors <sup>4</sup> .....	23833	97.5	102.5	102.0	-	-	143.0	144.9	141.8	-	-
Tile and terrazzo contractors <sup>4</sup> .....	23834	119.5	117.8	118.2	-	-	203.5	197.2	193.4	-	-
Finish carpentry contractors <sup>4</sup> .....	23835	103.9	110.9	112.8	-	-	147.9	170.4	173.6	-	-
Other building finishing contractors <sup>4</sup> .....	23839	112.5	116.3	114.0	-	-	165.5	162.6	159.3	-	-
Other specialty trade contractors <sup>4</sup> .....	2389	117.4	126.6	125.0	-	-	167.4	189.0	187.5	-	-
Site preparation contractors <sup>4</sup> .....	23891	118.8	127.6	126.2	-	-	167.6	189.5	187.8	-	-
All other specialty trade contractors <sup>4</sup> .....	23899	115.3	123.7	124.0	-	-	167.3	186.0	187.6	-	-
Manufacturing.....		84.6	86.5	86.4	86.8	0.5	116.4	121.9	122.2	123.1	0.7
Durable goods.....		85.0	87.6	87.3	88.0	0.8	116.9	123.2	123.2	124.4	1.0
Wood products.....	321	73.4	74.4	74.9	74.6	-0.4	105.4	108.0	108.9	108.4	-0.5

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Sawmills and wood preservation <sup>4</sup> .....	3211	76.6	75.2	74.7	-	-	104.7	104.3	103.8	-	-
Plywood and engineered wood products <sup>4</sup> .....	3212	64.1	68.1	68.0	-	-	95.7	103.5	103.2	-	-
Other wood products <sup>4</sup> .....	3219	75.4	76.8	77.7	-	-	109.4	112.2	113.5	-	-
Millwork <sup>4</sup> .....	32191	68.3	69.6	71.0	-	-	96.6	99.6	101.9	-	-
Wood windows and doors <sup>4</sup> .....	321911	70.2	70.9	70.6	-	-	105.9	107.3	108.3	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring <sup>4</sup> .....	321912,8	66.3	68.5	71.3	-	-	87.5	91.7	95.7	-	-
Wood containers and pallets <sup>4</sup> .....	32192	103.9	103.9	104.3	-	-	165.4	168.8	168.1	-	-
All other wood products <sup>4</sup> .....	32199	67.7	70.0	70.9	-	-	99.7	101.1	102.2	-	-
Nonmetallic mineral products.....	327	78.5	83.3	82.5	83.4	1.1	104.9	116.1	114.2	117.2	2.6
Cement and concrete products <sup>4</sup> .....	3273	86.7	89.0	86.9	-	-	115.6	125.7	123.0	-	-
Ready-mix concrete <sup>4</sup> .....	32732	81.3	86.3	84.2	-	-	111.5	129.3	126.9	-	-
Other cement and concrete products <sup>4</sup> .....	32731,3,9	94.3	91.9	90.2	-	-	123.1	119.9	117.9	-	-
Primary metals.....	331	76.2	77.5	77.7	78.0	0.4	99.8	103.2	104.3	105.0	0.7
Foundries <sup>4</sup> .....	3315	63.9	66.6	67.8	-	-	81.6	89.2	91.3	-	-
Fabricated metal products.....	332	96.4	100.3	100.0	100.2	0.2	133.0	140.3	140.4	140.7	0.2
Forging and stamping <sup>4</sup> .....	3321	92.6	99.2	97.0	-	-	123.1	132.2	128.0	-	-
Architectural and structural metals <sup>4</sup> .....	3323	97.5	100.4	99.2	-	-	132.6	141.1	141.0	-	-
Plate work and fabricated structural products <sup>4</sup> .....	33231	93.5	100.0	98.9	-	-	131.3	142.2	142.0	-	-
Fabricated structural metal products <sup>4</sup> .....	332312	95.1	103.1	102.3	-	-	135.2	144.5	144.2	-	-
Ornamental and architectural metal products <sup>4</sup> .....	33232	100.1	99.8	98.9	-	-	133.2	138.8	139.7	-	-
Sheet metal work <sup>4</sup> .....	332322	115.9	118.4	116.9	-	-	151.5	161.4	163.3	-	-
Boilers, tanks, and shipping containers <sup>4</sup> .....	3324	100.2	99.8	98.0	-	-	138.0	136.9	134.9	-	-
Machine shops and threaded products <sup>4</sup> .....	3327	119.7	125.5	125.9	-	-	162.6	175.2	177.8	-	-
Machine shops <sup>4</sup> .....	33271	130.8	139.2	139.6	-	-	177.1	194.0	196.6	-	-
Turned products and screws, nuts, and bolts <sup>4</sup> .....	33272	91.7	92.4	91.7	-	-	123.4	127.8	128.8	-	-
Coating, engraving, and heat treating metals <sup>4</sup> .....	3328	95.3	102.7	104.1	-	-	131.0	141.9	144.9	-	-
Metal heat treating and coating and nonprecious engraving <sup>4</sup> .....	332811,2	116.1	125.2	126.9	-	-	149.9	166.7	173.0	-	-
Electroplating, anodizing, and coloring metals <sup>4</sup> .....	332813	77.7	84.2	84.9	-	-	114.4	120.0	120.0	-	-
Other fabricated metal products <sup>4</sup> .....	3329	97.8	97.2	98.5	-	-	139.2	137.0	138.1	-	-
Metal valves <sup>4</sup> .....	33291	84.7	83.8	84.3	-	-	123.7	126.1	127.7	-	-
All other fabricated metal products <sup>4</sup> .....	33299	104.4	103.8	105.9	-	-	146.6	141.9	143.4	-	-
Machinery.....	333	93.2	96.6	96.8	97.6	0.8	132.8	140.2	140.8	142.4	1.1
Agricultural, construction, and mining machinery <sup>4</sup> .....	3331	122.9	135.5	136.9	-	-	186.6	209.4	212.4	-	-
Farm machinery and equipment <sup>4</sup> .....	333111	87.2	96.5	94.5	-	-	128.4	149.2	145.4	-	-
Industrial machinery <sup>4</sup> .....	3332	91.2	88.0	87.9	-	-	127.0	130.9	130.3	-	-
Commercial and service industry machinery <sup>4</sup> .....	3333	75.2	80.1	80.9	-	-	114.2	121.6	124.3	-	-
HVAC and commercial refrigeration equipment <sup>4</sup> .....	3334	77.6	83.1	82.8	-	-	111.5	124.2	123.7	-	-
Metalworking machinery <sup>4</sup> .....	3335	86.6	87.1	86.9	-	-	115.1	116.5	118.0	-	-
Special tools, dies, jigs, and fixtures <sup>4</sup> .....	333514	75.3	74.2	74.8	-	-	102.8	102.6	105.6	-	-
Turbine and power transmission equipment <sup>4</sup> .....	3336	80.7	80.8	80.8	-	-	110.5	112.5	112.8	-	-
Other general purpose machinery <sup>4</sup> .....	3339	100.0	101.7	101.7	-	-	145.1	148.4	149.1	-	-
Computer and electronic products.....	334	84.4	85.8	85.1	85.8	0.8	127.7	133.9	133.0	134.5	1.1
Communications equipment <sup>4</sup> .....	3342	60.9	57.8	56.8	-	-	77.2	76.0	74.1	-	-
Semiconductors and electronic components <sup>4</sup> .....	3344	71.4	71.1	70.9	-	-	102.1	103.5	103.2	-	-
Semiconductors and related devices <sup>4</sup> .....	334413	75.4	73.1	72.3	-	-	125.8	115.6	114.0	-	-
Electronic connectors and misc. electronic components <sup>4</sup> .....	334416,7,9	63.3	67.8	69.1	-	-	89.4	101.0	102.4	-	-
Electronic instruments <sup>4</sup> .....	3345	126.9	131.3	131.4	-	-	215.2	227.5	228.7	-	-
Electrical equipment and appliances.....	335	78.3	80.8	79.9	79.4	-0.6	111.7	119.9	119.3	117.0	-1.9
Electrical equipment <sup>4</sup> .....	3353	80.4	83.8	83.0	-	-	115.8	123.1	123.9	-	-
Other electrical equipment and components <sup>4</sup> .....	3359	93.3	96.5	96.2	-	-	133.5	144.6	144.2	-	-
Transportation equipment.....	336	89.4	93.2	93.1	94.5	1.5	110.9	118.8	119.3	121.3	1.7
Motor vehicles and parts <sup>5</sup> .....	3361,2,3	82.2	85.1	84.7	85.5	0.9	85.0	91.5	91.2	91.9	0.8
Motor vehicles <sup>4</sup> .....	3361	77.6	83.5	82.5	-	-	83.1	90.9	89.8	-	-
Motor vehicle bodies and trailers <sup>4</sup> .....	3362	111.5	117.4	118.6	-	-	130.9	143.4	146.8	-	-
Motor vehicle parts <sup>4</sup> .....	3363	78.4	79.6	79.5	-	-	79.5	84.2	84.6	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Motor vehicle gasoline engine and parts <sup>4</sup> .....	33631	68.1	69.0	67.1	-	-	76.4	76.5	73.8	-	-
Motor vehicle power train components <sup>4</sup> .....	33635	70.3	70.3	69.2	-	-	68.5	69.7	69.5	-	-
Motor vehicle metal stamping <sup>4</sup> .....	33637	93.0	93.8	92.4	-	-	89.2	96.8	95.5	-	-
All other motor vehicle parts <sup>4</sup> .....	33639	97.4	97.1	98.2	-	-	111.3	112.7	114.3	-	-
Aerospace products and parts <sup>4</sup> .....	3364	123.1	131.1	132.2	-	-	210.5	224.6	228.0	-	-
Aircraft <sup>4</sup> .....	336411	115.4	131.7	133.0	-	-	185.1	212.0	213.5	-	-
Furniture and related products.....	337	60.9	61.4	61.6	62.7	1.8	85.5	87.2	87.8	88.7	1.0
Household and institutional furniture <sup>4</sup> .....	3371	58.9	59.4	59.7	-	-	84.0	84.8	85.5	-	-
Wood kitchen cabinets and countertops <sup>4</sup> .....	33711	76.8	80.6	81.3	-	-	109.3	113.1	115.2	-	-
Other household and institutional furniture <sup>4</sup> .....	33712	48.1	47.2	47.2	-	-	67.7	67.4	67.2	-	-
Upholstered household furniture <sup>4</sup> .....	337121	67.7	65.6	66.2	-	-	91.7	89.8	90.3	-	-
Miscellaneous durable goods manufacturing.....	339	82.5	82.7	82.7	83.1	0.5	122.2	122.5	121.9	122.5	0.5
Medical equipment and supplies <sup>4</sup> .....	3391	103.1	101.5	100.7	-	-	156.3	152.6	150.6	-	-
Surgical appliances and supplies <sup>4</sup> .....	339113	110.8	112.7	109.1	-	-	150.4	152.1	146.4	-	-
Dental laboratories <sup>4</sup> .....	339116	77.5	75.6	75.6	-	-	119.0	118.9	118.2	-	-
Other miscellaneous durable goods manufacturing <sup>4</sup> ...	3399	67.8	69.2	69.6	-	-	94.8	98.5	98.3	-	-
Signs <sup>4</sup> .....	33995	95.6	96.0	94.9	-	-	129.2	136.5	132.6	-	-
All other miscellaneous durable goods manufacturing <sup>4</sup> .....	33993,4,9	69.9	70.1	70.2	-	-	102.0	104.8	105.1	-	-
Nondurable goods.....		83.7	84.6	84.8	84.6	-0.2	115.2	119.1	119.8	120.1	0.3
Food manufacturing.....	311	111.1	114.0	114.2	114.1	-0.1	149.9	158.8	159.1	160.1	0.6
Sugar and confectionery products <sup>4</sup> .....	3113	78.7	78.4	77.3	-	-	90.4	106.9	106.6	-	-
Fruit and vegetable preserving and specialty <sup>4</sup> .....	3114	111.1	109.7	109.0	-	-	137.2	144.1	142.5	-	-
Frozen food <sup>4</sup> .....	31141	114.0	105.8	100.8	-	-	151.5	141.7	134.2	-	-
Fruit and vegetable canning and drying <sup>4</sup> .....	31142	110.0	115.7	116.0	-	-	126.1	148.8	147.0	-	-
Dairy products <sup>4</sup> .....	3115	110.6	115.5	114.5	-	-	157.8	165.7	163.7	-	-
Animal slaughtering and processing <sup>4</sup> .....	3116	106.2	107.2	107.2	-	-	146.6	152.5	152.8	-	-
Poultry processing <sup>4</sup> .....	311615	106.0	108.6	108.2	-	-	145.0	152.7	153.8	-	-
Seafood product preparation and packaging <sup>4</sup> .....	3117	100.2	110.3	118.5	-	-	133.6	147.4	160.1	-	-
Bakeries and tortilla manufacturing <sup>4</sup> .....	3118	103.4	107.9	107.3	-	-	141.2	147.9	147.6	-	-
Textile mills.....	313	36.1	37.9	37.1	37.9	2.2	49.7	52.9	51.8	53.8	3.9
Textile product mills.....	314	52.5	50.5	49.8	48.8	-2.0	72.6	71.4	70.8	69.1	-2.4
Apparel.....	315	29.3	29.6	28.4	27.2	-4.2	47.2	49.6	49.3	46.8	-5.1
Paper and paper products.....	322	68.4	69.2	69.2	69.2	0.0	87.9	90.0	90.6	90.6	0.0
Pulp, paper, and paperboard mills <sup>4</sup> .....	3221	62.4	64.2	63.4	-	-	76.4	76.8	75.7	-	-
Converted paper products <sup>4</sup> .....	3222	70.9	71.4	71.8	-	-	95.4	98.8	101.0	-	-
Paperboard containers <sup>4</sup> .....	32221	73.8	76.2	76.7	-	-	97.7	105.2	106.5	-	-
Corrugated and solid fiber boxes <sup>4</sup> .....	322211	74.1	77.2	77.9	-	-	98.9	103.9	105.9	-	-
Paper bags and coated and treated paper <sup>4</sup> .....	32222	67.5	64.8	64.2	-	-	86.5	85.2	84.9	-	-
Printing and related support activities.....	323	62.9	61.0	61.6	60.7	-1.5	78.7	76.3	77.0	76.0	-1.3
Petroleum and coal products.....	324	108.5	102.6	106.5	109.0	2.3	190.1	177.0	188.0	196.4	4.5
Chemicals.....	325	99.2	102.3	102.7	103.5	0.8	136.8	143.4	144.9	145.9	0.7
Basic chemicals <sup>4</sup> .....	3251	77.6	85.3	87.2	-	-	105.6	112.4	114.2	-	-
Resin, rubber, and artificial fibers <sup>4</sup> .....	3252	77.7	79.2	78.8	-	-	111.6	119.9	126.0	-	-
Pharmaceuticals and medicines <sup>4</sup> .....	3254	138.9	149.8	148.7	-	-	208.2	225.9	227.2	-	-
Soaps, cleaning compounds, and toiletries <sup>4</sup> .....	3256	93.1	91.9	92.1	-	-	122.9	127.7	129.1	-	-
Plastics and rubber products.....	326	85.5	85.0	84.9	84.8	-0.1	112.9	117.8	116.6	116.8	0.2
Plastics products <sup>4</sup> .....	3261	89.2	88.9	88.5	-	-	123.0	128.5	127.7	-	-
Plastics packaging materials, film, and sheet <sup>4</sup> .....	32611	104.7	104.3	105.0	-	-	138.8	150.8	152.6	-	-
Foam products <sup>4</sup> .....	32614,5	116.8	106.5	105.2	-	-	154.3	152.9	151.2	-	-
Other plastics products <sup>4</sup> .....	32619	81.4	82.3	81.9	-	-	115.6	120.7	118.8	-	-
Rubber products <sup>4</sup> .....	3262	71.5	72.3	71.9	-	-	84.2	88.7	85.4	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	103.1	99.7	100.1	98.7	-1.4	126.0	125.0	126.0	124.4	-1.3
Private service-providing.....		122.1	124.2	123.9	124.1	0.2	183.7	191.6	191.6	192.4	0.4
Trade, transportation, and utilities.....		109.9	111.5	111.2	111.0	-0.2	152.3	159.2	159.3	159.6	0.2
Wholesale trade.....	42	109.1	110.6	110.1	110.0	-0.1	158.9	165.0	165.8	165.7	-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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Durable goods <sup>4</sup> .....	423	103.3	105.7	105.4	-	-	146.0	153.3	154.0	-	-
Motor vehicles and parts <sup>4</sup> .....	4231	101.0	100.7	99.7	-	-	135.4	138.1	139.5	-	-
Motor vehicles <sup>4</sup> .....	42311	100.9	104.7	104.0	-	-	138.7	155.9	160.5	-	-
New motor vehicle parts <sup>4</sup> .....	42312	95.8	92.4	91.5	-	-	125.0	123.3	120.2	-	-
Furniture and furnishings <sup>4</sup> .....	4232	99.2	101.7	102.6	-	-	136.4	144.1	146.7	-	-
Lumber and construction supplies <sup>4</sup> .....	4233	103.7	104.8	104.5	-	-	155.6	162.4	162.9	-	-
Lumber and wood <sup>4</sup> .....	42331	87.5	89.6	90.3	-	-	136.4	144.6	146.4	-	-
Commercial equipment <sup>4</sup> .....	4234	95.2	97.3	96.7	-	-	133.8	135.5	136.8	-	-
Office equipment <sup>4</sup> .....	42342	70.3	67.2	65.9	-	-	100.6	95.9	94.7	-	-
Computer and software <sup>4</sup> .....	42343	80.3	83.0	84.2	-	-	106.0	108.2	110.1	-	-
Medical equipment <sup>4</sup> .....	42345	134.4	133.5	132.0	-	-	204.6	208.2	212.3	-	-
Miscellaneous professional and commercial equipment <sup>4</sup> .....	42341,4,6,9	110.0	118.8	116.8	-	-	169.7	189.9	184.4	-	-
Metals and minerals <sup>4</sup> .....	4235	104.4	103.5	104.6	-	-	144.4	149.2	151.6	-	-
Electric goods <sup>4</sup> .....	4236	95.7	95.7	96.7	-	-	133.8	138.9	141.8	-	-
Electrical equipment and wiring <sup>4</sup> .....	42361	108.3	106.3	106.6	-	-	148.3	146.1	146.6	-	-
Electric appliances and other electronic parts <sup>4</sup> .....	42362,9	85.4	86.9	88.2	-	-	124.3	133.9	138.0	-	-
Hardware and plumbing <sup>4</sup> .....	4237	114.5	120.7	121.7	-	-	171.9	188.9	191.3	-	-
Hardware <sup>4</sup> .....	42371	111.5	116.0	116.6	-	-	173.0	182.8	184.0	-	-
Plumbing equipment <sup>4</sup> .....	42372	120.1	129.9	132.1	-	-	191.1	224.3	230.5	-	-
HVAC and refrigeration equipment <sup>4</sup> .....	42373,4	109.7	115.3	115.0	-	-	150.2	159.8	160.7	-	-
Machinery and supplies <sup>4</sup> .....	4238	106.2	110.5	109.3	-	-	155.0	166.3	164.5	-	-
Construction equipment <sup>4</sup> .....	42381	114.1	123.4	118.5	-	-	166.3	186.7	179.0	-	-
Farm and garden equipment <sup>4</sup> .....	42382	106.7	109.0	108.0	-	-	175.4	183.5	181.4	-	-
Industrial machinery <sup>4</sup> .....	42383	99.1	104.2	102.8	-	-	143.3	151.9	149.7	-	-
Industrial supplies <sup>4</sup> .....	42384	132.9	132.4	132.2	-	-	199.4	207.1	206.8	-	-
Miscellaneous durable goods <sup>4</sup> .....	4239	120.1	124.0	124.2	-	-	176.2	185.0	185.0	-	-
Sporting goods <sup>4</sup> .....	42391	111.8	116.9	113.7	-	-	164.8	179.3	173.5	-	-
Recyclable materials <sup>4</sup> .....	42393	124.0	129.6	130.5	-	-	172.8	190.2	191.1	-	-
Nondurable goods <sup>4</sup> .....	424	105.2	105.3	105.1	-	-	151.0	155.9	156.9	-	-
Paper and paper products <sup>4</sup> .....	4241	84.3	86.1	87.0	-	-	122.3	130.2	131.5	-	-
Druggists' goods <sup>4</sup> .....	4242	94.8	92.5	94.6	-	-	141.0	147.5	149.7	-	-
Apparel and piece goods <sup>4</sup> .....	4243	99.2	95.1	94.9	-	-	136.7	136.0	137.2	-	-
Grocery and related products <sup>4</sup> .....	4244	113.8	114.5	113.3	-	-	158.7	162.4	162.3	-	-
General line grocery <sup>4</sup> .....	42441	112.6	111.7	110.8	-	-	148.6	146.3	146.1	-	-
Fruits and vegetables <sup>4</sup> .....	42448	145.2	150.0	150.2	-	-	205.8	214.5	214.3	-	-
Farm product raw materials <sup>4</sup> .....	4245	100.4	105.3	101.4	-	-	158.9	167.6	163.0	-	-
Chemicals <sup>4</sup> .....	4246	102.9	111.4	110.7	-	-	151.1	165.5	165.0	-	-
Petroleum <sup>4</sup> .....	4247	103.4	98.5	95.0	-	-	159.1	146.3	142.8	-	-
Alcoholic beverages <sup>4</sup> .....	4248	149.6	150.4	151.8	-	-	202.9	214.3	217.8	-	-
Misc. nondurable goods <sup>4</sup> .....	4249	91.8	90.9	90.0	-	-	134.4	139.8	141.9	-	-
Farm supplies <sup>4</sup> .....	42491	110.6	118.2	115.1	-	-	163.1	184.6	182.7	-	-
Nursery stock and florists' supplies <sup>4</sup> .....	42493	75.3	72.0	71.0	-	-	108.6	104.4	104.6	-	-
Electronic markets and agents and brokers <sup>4</sup> .....	425	151.9	153.4	153.5	-	-	237.0	240.6	242.5	-	-
Retail trade.....		103.7	104.7	104.6	103.8	-0.8	136.6	143.4	143.4	142.9	-0.3
Motor vehicle and parts dealers <sup>4</sup> .....	441	113.7	114.6	114.1	-	-	139.0	147.5	147.4	-	-
Automobile dealers <sup>4</sup> .....	4411	113.0	114.4	113.7	-	-	132.2	142.0	142.0	-	-
New car dealers <sup>4</sup> .....	44111	107.4	108.4	108.0	-	-	125.6	134.9	135.0	-	-
Used car dealers <sup>4</sup> .....	44112	186.8	188.1	188.8	-	-	250.5	258.6	267.3	-	-
Other motor vehicle dealers <sup>4</sup> .....	4412	113.7	112.5	112.3	-	-	160.7	165.5	167.5	-	-
Auto parts, accessories, and tire stores <sup>4</sup> .....	4413	114.3	116.5	115.8	-	-	156.1	164.4	162.4	-	-
Automotive parts and accessories stores <sup>4</sup> .....	44131	110.7	112.3	111.7	-	-	158.3	166.4	163.8	-	-
Tire dealers <sup>4</sup> .....	44132	121.9	123.5	123.8	-	-	152.4	158.1	159.2	-	-
Furniture and home furnishings stores <sup>4</sup> .....	442	90.3	90.9	90.9	-	-	124.9	129.4	129.0	-	-
Furniture stores <sup>4</sup> .....	4421	88.8	91.6	91.5	-	-	118.8	125.8	126.6	-	-
Home furnishings stores <sup>4</sup> .....	4422	91.6	91.2	89.7	-	-	132.3	136.1	132.9	-	-
Floor covering stores <sup>4</sup> .....	44221	76.9	77.9	76.0	-	-	114.4	118.8	113.5	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Other home furnishings stores <sup>4</sup> .....	44229	103.5	100.7	100.6	-	-	153.2	154.4	153.6	-	-
Electronics and appliance stores <sup>4</sup> .....	443	96.0	98.4	98.5	-	-	135.8	141.6	139.4	-	-
Household appliance stores <sup>4</sup> .....	443141	61.2	66.3	67.4	-	-	83.3	97.4	98.1	-	-
Electronics stores <sup>4</sup> .....	443142	102.6	104.6	104.6	-	-	140.3	149.1	146.7	-	-
Building material and garden supply stores <sup>4</sup> .....	444	102.0	104.6	104.1	-	-	134.6	142.7	142.8	-	-
Building material and supplies dealers <sup>4</sup> .....	4441	100.7	102.7	103.0	-	-	132.2	139.6	140.8	-	-
Home centers <sup>4</sup> .....	44411	115.3	117.8	117.7	-	-	146.8	155.7	155.7	-	-
Hardware stores <sup>4</sup> .....	44413	88.8	88.9	87.7	-	-	120.2	125.2	126.7	-	-
Lawn and garden equipment and supplies stores <sup>4</sup> .....	4442	110.8	116.6	114.1	-	-	152.6	164.2	160.8	-	-
Food and beverage stores <sup>4</sup> .....	445	93.3	95.0	94.9	-	-	115.1	121.1	121.5	-	-
Grocery stores <sup>4</sup> .....	4451	94.3	95.7	95.3	-	-	117.2	122.5	122.1	-	-
Supermarkets and other grocery stores <sup>4</sup> .....	44511	93.1	94.8	94.7	-	-	115.7	121.3	121.1	-	-
Convenience stores <sup>4</sup> .....	44512	112.3	114.3	110.6	-	-	145.8	151.3	148.5	-	-
Specialty food stores <sup>4</sup> .....	4452	75.1	82.2	80.6	-	-	89.7	102.3	101.7	-	-
Meat markets and fish and seafood markets <sup>4</sup> .....	44521,2	99.6	103.9	102.9	-	-	123.6	130.5	131.1	-	-
Beer, wine, and liquor stores <sup>4</sup> .....	4453	104.3	106.4	107.3	-	-	121.9	132.4	135.1	-	-
Health and personal care stores <sup>4</sup> .....	446	106.4	105.9	106.2	-	-	157.3	161.3	161.7	-	-
Pharmacies and drug stores <sup>4</sup> .....	44611	97.5	94.4	93.8	-	-	154.6	153.8	153.0	-	-
Cosmetic and beauty supply stores <sup>4</sup> .....	44612	161.2	164.4	170.5	-	-	195.9	209.1	218.1	-	-
Optical goods stores <sup>4</sup> .....	44613	131.7	137.9	137.5	-	-	179.2	191.1	192.0	-	-
Other health and personal care stores <sup>4</sup> .....	44619	101.6	104.6	107.1	-	-	135.7	147.4	148.9	-	-
Gasoline stations <sup>4</sup> .....	447	102.4	104.8	103.6	-	-	138.6	142.7	142.1	-	-
Gasoline stations with convenience stores <sup>4</sup> .....	44711	107.0	109.9	108.4	-	-	146.0	150.9	149.5	-	-
Other gasoline stations <sup>4</sup> .....	44719	78.1	78.6	78.4	-	-	104.6	105.9	108.4	-	-
Clothing and clothing accessories stores <sup>4</sup> .....	448	90.9	90.8	89.5	-	-	124.0	129.9	129.9	-	-
Clothing stores <sup>4</sup> .....	4481	92.2	91.0	90.0	-	-	122.7	125.7	126.4	-	-
Women's clothing stores <sup>4</sup> .....	44812	111.6	101.1	100.1	-	-	136.8	127.8	126.9	-	-
Family clothing stores <sup>4</sup> .....	44814	81.3	82.7	83.0	-	-	104.7	112.0	116.2	-	-
Clothing accessories stores <sup>4</sup> .....	44815	120.9	127.5	124.6	-	-	181.9	191.4	195.2	-	-
Shoe stores <sup>4</sup> .....	4482	105.8	109.3	110.9	-	-	169.6	179.2	185.3	-	-
Jewelry, luggage, and leather goods stores <sup>4</sup> .....	4483	75.8	73.1	71.7	-	-	105.0	113.9	111.7	-	-
Sporting goods, hobby, book, and music stores <sup>4</sup> .....	451	103.2	97.0	96.6	-	-	153.9	142.8	142.1	-	-
Sporting goods and musical instrument stores <sup>4</sup> .....	4511	122.4	115.9	115.1	-	-	177.9	166.6	164.7	-	-
Sporting goods stores <sup>4</sup> .....	45111	147.6	146.1	146.9	-	-	207.6	204.5	207.0	-	-
Book stores and news dealers <sup>4</sup> .....	4512	44.2	38.5	37.5	-	-	68.5	59.1	58.0	-	-
General merchandise stores <sup>4</sup> .....	452	119.0	120.4	120.2	-	-	157.5	169.1	168.9	-	-
Miscellaneous store retailers <sup>4</sup> .....	453	82.8	83.0	82.2	-	-	104.9	109.2	108.3	-	-
Florists <sup>4</sup> .....	4531	46.9	46.0	46.6	-	-	63.0	66.2	65.7	-	-
Office supplies, stationery, and gift stores <sup>4</sup> .....	4532	50.3	49.5	48.0	-	-	62.6	63.3	61.5	-	-
Office supplies and stationery stores <sup>4</sup> .....	45321	47.3	47.9	45.4	-	-	55.7	56.4	55.0	-	-
Gift, novelty, and souvenir stores <sup>4</sup> .....	45322	52.3	52.2	50.9	-	-	71.4	75.4	72.6	-	-
Used merchandise stores <sup>4</sup> .....	4533	174.0	176.8	174.6	-	-	254.3	268.3	261.0	-	-
Other miscellaneous store retailers <sup>4</sup> .....	4539	113.6	115.2	115.1	-	-	142.6	150.3	151.1	-	-
Pet and pet supplies stores <sup>4</sup> .....	45391	176.6	179.5	177.8	-	-	242.3	251.5	256.2	-	-
Nonstore retailers <sup>4</sup> .....	454	125.8	127.1	127.9	-	-	178.9	177.5	179.3	-	-
Electronic shopping and mail-order houses <sup>4</sup> .....	4541	167.1	165.9	166.9	-	-	226.5	218.2	219.9	-	-
Transportation and warehousing.....		130.9	134.5	134.6	135.3	0.5	178.7	187.3	188.0	189.5	0.8
Air transportation <sup>4</sup> .....	481	74.7	73.7	74.1	-	-	160.3	159.4	160.8	-	-
Truck transportation <sup>4</sup> .....	484	116.6	120.2	120.3	-	-	162.6	169.7	170.4	-	-
General freight trucking <sup>4</sup> .....	4841	112.9	115.9	116.0	-	-	154.1	158.8	159.2	-	-
General freight trucking, local <sup>4</sup> .....	48411	113.7	115.7	116.0	-	-	159.8	165.3	166.5	-	-
General freight trucking, long-distance <sup>4</sup> .....	48412	112.8	116.0	116.1	-	-	153.8	156.6	156.8	-	-
General freight trucking, long-distance TL <sup>4</sup> .....	484121	108.1	110.1	109.8	-	-	149.9	149.6	148.7	-	-
General freight trucking, long-distance LTL <sup>4</sup> .....	484122	124.5	129.2	129.8	-	-	161.0	171.1	172.4	-	-
Specialized freight trucking <sup>4</sup> .....	4842	125.9	130.7	131.1	-	-	184.4	200.7	202.0	-	-
Used household and office goods moving <sup>4</sup> .....	48421	85.5	89.1	93.0	-	-	116.7	132.4	137.9	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Other specialized trucking, local <sup>4</sup> .....	48422	135.2	140.4	138.9	-	-	202.8	223.8	223.3	-	-
Other specialized trucking, long-distance <sup>4</sup> .....	48423	145.6	149.4	150.3	-	-	204.3	211.2	212.0	-	-
Transit and ground passenger transportation <sup>4</sup> .....	485	140.8	141.7	142.6	-	-	189.0	199.1	201.8	-	-
School and employee bus transportation <sup>4</sup> .....	4854	145.7	151.3	145.3	-	-	198.2	216.3	213.9	-	-
Other ground passenger transportation <sup>4</sup> .....	4859	198.5	205.1	210.8	-	-	249.6	267.3	277.1	-	-
Pipeline transportation <sup>4</sup> .....	486	130.5	130.7	131.3	-	-	241.6	250.7	250.5	-	-
Support activities for transportation <sup>4</sup> .....	488	132.9	137.3	136.7	-	-	168.5	180.9	180.1	-	-
Support activities for air transportation <sup>4</sup> .....	4881	147.3	152.9	154.4	-	-	167.2	181.1	187.1	-	-
Airport operations <sup>4</sup> .....	48811	148.9	156.3	155.6	-	-	141.0	156.4	159.7	-	-
Support activities for water transportation <sup>4</sup> .....	4883	84.8	92.1	89.4	-	-	130.6	147.9	142.7	-	-
Support activities for road transportation <sup>4</sup> .....	4884	158.2	153.9	152.7	-	-	169.6	175.2	171.5	-	-
Freight transportation arrangement <sup>4</sup> .....	4885	135.8	142.9	142.7	-	-	192.3	203.3	204.3	-	-
Support activities for other transportation, including rail <sup>4</sup> .....	4882,9	140.0	139.6	140.4	-	-	211.9	216.0	217.4	-	-
Couriers and messengers <sup>4</sup> .....	492	172.9	182.7	183.9	-	-	212.6	236.4	237.0	-	-
Warehousing and storage <sup>4</sup> .....	493	209.2	219.6	221.6	-	-	243.7	264.8	267.4	-	-
General warehousing and storage <sup>4</sup> .....	49311	224.4	233.9	236.0	-	-	263.5	282.0	283.9	-	-
Utilities.....	22	96.8	96.6	96.3	96.6	0.3	146.6	149.0	148.9	148.7	-0.1
Power generation and supply <sup>4</sup> .....	2211	96.3	96.5	96.6	-	-	151.4	152.0	151.6	-	-
Electric power generation <sup>4</sup> .....	22111	60.4	60.4	60.2	-	-	94.6	93.6	92.7	-	-
Fossil fuel electric power generation <sup>4</sup> .....	221112	67.4	68.0	68.0	-	-	111.1	113.4	113.9	-	-
Electric power transmission and distribution <sup>4</sup> .....	22112	154.7	154.0	154.2	-	-	254.4	255.6	256.3	-	-
Natural gas distribution <sup>4</sup> .....	2212	92.2	89.9	90.1	-	-	129.3	137.5	141.8	-	-
Water, sewage and other systems <sup>4</sup> .....	2213	116.8	116.0	112.4	-	-	146.6	146.5	143.8	-	-
Information.....	51	91.6	90.6	90.3	90.4	0.1	140.0	143.4	144.0	145.1	0.8
Publishing industries, except Internet <sup>4</sup> .....	511	99.4	99.8	100.2	-	-	155.6	159.3	160.5	-	-
Newspaper, book, and directory publishers <sup>4</sup> .....	5111	73.4	69.4	69.1	-	-	110.6	104.6	103.7	-	-
Newspaper publishers <sup>4</sup> .....	51111	66.1	60.7	60.3	-	-	87.1	77.3	77.1	-	-
Periodical publishers <sup>4</sup> .....	51112	89.3	88.7	87.8	-	-	149.3	147.9	145.3	-	-
Software publishers <sup>4</sup> .....	5112	141.8	149.0	150.9	-	-	193.1	203.3	205.9	-	-
Motion picture and sound recording industries <sup>4</sup> .....	512	92.8	90.2	91.4	-	-	107.1	106.8	108.9	-	-
Broadcasting, except Internet <sup>4</sup> .....	515	83.0	81.3	81.1	-	-	126.9	132.1	133.0	-	-
Radio broadcasting <sup>4</sup> .....	51511	84.2	83.7	84.9	-	-	136.4	147.4	154.4	-	-
Telecommunications <sup>4</sup> .....	517	70.4	67.1	66.8	-	-	103.8	105.6	106.4	-	-
Wired and wireless telecommunications carriers <sup>4</sup> .....	5173	76.7	73.2	72.8	-	-	113.0	116.1	116.7	-	-
Data processing, hosting and related services <sup>4</sup> .....	518	114.3	115.2	114.8	-	-	201.4	209.9	212.4	-	-
Other information services <sup>4</sup> .....	519	252.9	261.4	259.9	-	-	406.1	416.5	424.9	-	-
Financial activities.....		114.8	116.2	116.2	116.4	0.2	189.1	192.8	193.0	193.5	0.3
Credit intermediation and related activities <sup>4</sup> .....	522	108.5	108.8	108.4	-	-	177.7	181.0	179.8	-	-
Depository credit intermediation <sup>4</sup> .....	5221	105.2	106.5	106.4	-	-	175.7	186.1	184.8	-	-
Commercial banking <sup>4</sup> .....	52211	111.0	112.5	112.3	-	-	189.6	201.4	199.4	-	-
Savings institutions <sup>4</sup> .....	52212	49.9	49.6	49.5	-	-	74.9	79.1	80.6	-	-
Credit unions and other depository credit intermediation <sup>4</sup> .....	52213,9	130.2	132.9	133.4	-	-	210.2	222.1	222.5	-	-
Nondepository credit intermediation <sup>4</sup> .....	5222	102.1	103.1	102.3	-	-	157.3	161.6	159.3	-	-
Consumer lending <sup>4</sup> .....	522291	110.6	105.6	106.0	-	-	145.7	145.3	141.4	-	-
Real estate credit <sup>4</sup> .....	522292	97.7	100.7	99.0	-	-	142.9	142.3	141.4	-	-
Activities related to credit intermediation <sup>4</sup> .....	5223	149.1	142.6	141.7	-	-	253.6	219.1	217.2	-	-
Securities, commodity contracts, investments, and funds and trusts <sup>4</sup> .....	523,5	130.2	129.9	129.5	-	-	238.9	234.2	233.9	-	-
Securities brokerage <sup>4</sup> .....	52312	110.0	107.4	108.3	-	-	188.8	190.9	192.5	-	-
Securities and commodity contracts brokerage and exchanges <sup>4</sup> .....	5231,2	103.2	100.4	99.9	-	-	198.7	181.2	180.5	-	-
Other financial investment activities, including funds and trusts <sup>4</sup> .....	5239; 525	176.2	179.3	179.4	-	-	304.8	320.2	321.4	-	-
Portfolio management <sup>4</sup> .....	52392	171.6	170.9	171.3	-	-	318.0	321.1	324.6	-	-
Investment advice <sup>4</sup> .....	52393	222.8	234.6	235.5	-	-	359.3	410.2	412.8	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Insurance carriers and related activities <sup>4</sup> .....	524	118.2	118.6	118.1	-	-	182.0	185.3	185.1	-	-
Insurance carriers <sup>4</sup> .....	5241	105.2	105.2	104.8	-	-	163.7	165.4	165.7	-	-
Direct life and health insurance carriers <sup>4</sup> .....	52411	111.7	113.9	113.2	-	-	180.3	186.7	188.7	-	-
Direct insurers, except life and health <sup>4</sup> .....	52412	98.8	97.1	97.7	-	-	145.6	143.8	144.2	-	-
Reinsurance carriers <sup>4</sup> .....	52413	94.1	92.5	92.0	-	-	228.0	206.5	209.0	-	-
Insurance agencies, brokerages, and related services <sup>4</sup> ..	5242	144.6	145.3	143.9	-	-	223.2	228.3	226.2	-	-
Insurance agencies and brokerages <sup>4</sup> .....	52421	141.6	142.7	140.6	-	-	216.3	222.7	218.6	-	-
Other insurance-related activities <sup>4</sup> .....	52429	152.2	151.8	151.5	-	-	238.5	243.7	244.3	-	-
Third-party administration of insurance funds <sup>4</sup> .....	524292	143.0	147.5	146.5	-	-	231.2	242.2	244.6	-	-
Real estate <sup>4</sup> .....	531	121.7	125.9	126.3	-	-	202.1	211.9	213.2	-	-
Lessors of real estate <sup>4</sup> .....	5311	94.4	98.2	99.0	-	-	153.9	167.1	168.6	-	-
Lessors of residential buildings <sup>4</sup> .....	53111	90.3	91.5	92.0	-	-	141.8	147.1	148.5	-	-
Lessors of nonresidential buildings <sup>4</sup> .....	53112	91.1	96.9	97.3	-	-	175.2	199.2	199.6	-	-
Offices of real estate agents and brokers <sup>4</sup> .....	5312	113.1	115.4	115.4	-	-	198.0	204.0	202.6	-	-
Activities related to real estate <sup>4</sup> .....	5313	166.1	172.0	171.6	-	-	262.9	269.7	272.6	-	-
Real estate property managers <sup>4</sup> .....	53131	168.1	174.3	174.2	-	-	264.0	274.0	277.1	-	-
Residential property managers <sup>4</sup> .....	531311	178.1	185.9	185.9	-	-	275.0	293.5	295.4	-	-
Nonresidential property managers <sup>4</sup> .....	531312	143.3	146.0	148.9	-	-	242.0	237.6	246.4	-	-
Rental and leasing services <sup>4</sup> .....	532	96.9	104.9	106.2	-	-	154.4	176.8	181.3	-	-
Home health equipment rental <sup>4</sup> .....	532283	121.3	121.9	120.3	-	-	126.9	134.6	133.2	-	-
General rental centers <sup>4</sup> .....	5323	59.9	58.3	59.0	-	-	60.6	62.4	61.3	-	-
Machinery and equipment rental and leasing <sup>4</sup> .....	5324	152.6	180.4	186.6	-	-	256.4	318.9	340.7	-	-
Heavy machinery rental and leasing <sup>4</sup> .....	53241	136.3	178.6	180.7	-	-	267.3	348.8	354.8	-	-
Office equipment and other machinery rental and leasing <sup>4</sup> .....	53242,9	176.9	183.8	195.2	-	-	244.4	279.5	321.0	-	-
Professional and business services.....		133.7	136.5	136.0	136.7	0.5	208.1	218.1	217.7	219.2	0.7
Professional and technical services <sup>4</sup> .....	54	143.8	147.3	147.4	-	-	226.5	238.0	238.4	-	-
Legal services <sup>4</sup> .....	5411	103.3	103.5	103.5	-	-	156.2	165.4	166.0	-	-
Offices of lawyers <sup>4</sup> .....	54111	101.1	101.6	101.5	-	-	153.6	163.0	163.5	-	-
Other legal services <sup>4</sup> .....	54119	133.0	128.8	128.1	-	-	215.7	209.6	209.1	-	-
Title abstract and settlement offices <sup>4</sup> .....	541191	115.0	112.8	112.7	-	-	162.9	163.3	163.4	-	-
Accounting and bookkeeping services <sup>4</sup> .....	5412	120.1	119.6	119.4	-	-	190.2	195.0	195.8	-	-
Offices of certified public accountants <sup>4</sup> .....	541211	129.8	130.9	131.3	-	-	191.9	196.1	198.9	-	-
Payroll services <sup>4</sup> .....	541214	134.2	136.6	135.4	-	-	216.8	234.7	234.8	-	-
Architectural and engineering services <sup>4</sup> .....	5413	115.7	117.9	117.5	-	-	181.6	189.9	189.3	-	-
Architectural services <sup>4</sup> .....	54131	107.4	109.7	109.4	-	-	161.5	171.1	171.4	-	-
Landscape architectural services <sup>4</sup> .....	54132	74.5	80.4	82.9	-	-	124.1	139.0	142.2	-	-
Engineering and drafting services <sup>4</sup> .....	54133,4	121.1	122.9	122.1	-	-	191.2	197.6	196.5	-	-
Building inspection, surveying, and mapping services <sup>4</sup> ..	54135,6,7	95.3	101.1	99.7	-	-	156.3	168.5	167.0	-	-
Testing laboratories <sup>4</sup> .....	54138	118.9	120.1	120.4	-	-	168.1	183.2	184.2	-	-
Specialized design services <sup>4</sup> .....	5414	116.0	117.1	119.7	-	-	202.9	206.9	212.2	-	-
Graphic design services <sup>4</sup> .....	54143	97.6	92.6	92.8	-	-	175.3	166.6	170.5	-	-
Computer systems design and related services <sup>4</sup> .....	5415	185.2	189.1	189.9	-	-	269.2	281.5	281.5	-	-
Custom computer programming services <sup>4</sup> .....	541511	175.7	179.7	179.9	-	-	251.7	263.9	261.2	-	-
Computer systems design services <sup>4</sup> .....	541512	228.4	233.5	234.5	-	-	316.5	331.0	332.8	-	-
Management and technical consulting services <sup>4</sup> .....	5416	232.6	246.0	246.6	-	-	353.2	376.9	379.8	-	-
Management consulting services <sup>4</sup> .....	54161	231.7	247.0	246.5	-	-	341.0	367.4	370.7	-	-
Administrative management consulting services <sup>4</sup> .....	541611	260.7	282.6	280.8	-	-	418.4	450.6	449.4	-	-
Marketing consulting services <sup>4</sup> .....	541613	394.0	416.0	418.4	-	-	565.1	611.6	627.4	-	-
Process and logistics consulting services <sup>4</sup> .....	541614	212.7	229.5	229.5	-	-	267.9	282.5	284.9	-	-
Scientific research and development services <sup>4</sup> .....	5417	136.0	142.5	142.0	-	-	230.4	243.4	243.3	-	-
Research and development in the physical, engineering, and life sciences <sup>4</sup> .....	54171	142.7	149.4	149.1	-	-	242.6	255.2	255.3	-	-
Research and development in nanotechnology <sup>4</sup> .....	541713	159.3	182.4	178.5	-	-	264.4	326.8	310.1	-	-
Research and development in biotechnology, except nanobiotechnology <sup>4</sup> .....	541714	175.3	182.6	183.3	-	-	285.3	300.3	298.7	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology <sup>4</sup> .....	541715	131.7	137.1	136.7	-	-	230.5	238.6	240.0	-	-
Social science and humanities research <sup>4</sup> .....	54172	85.7	89.2	87.9	-	-	125.6	138.9	138.5	-	-
Advertising and related services <sup>4</sup> .....	5418	124.4	126.4	127.1	-	-	201.8	209.6	211.1	-	-
Advertising agencies <sup>4</sup> .....	54181	142.0	141.3	141.2	-	-	217.5	220.9	219.1	-	-
Public relations agencies <sup>4</sup> .....	54182	130.8	142.8	145.7	-	-	209.9	242.7	247.3	-	-
Advertising material distribution and other advertising services <sup>4</sup> .....	54187,9	143.8	148.8	148.2	-	-	231.5	248.3	247.3	-	-
Other professional and technical services <sup>4</sup> .....	5419	167.6	174.7	177.0	-	-	284.8	307.6	312.6	-	-
Marketing research and public opinion polling <sup>4</sup> .....	54191	83.0	87.9	91.7	-	-	139.2	150.3	156.4	-	-
Photographic services <sup>4</sup> .....	54192	66.0	58.5	58.7	-	-	108.7	101.8	105.7	-	-
Veterinary services <sup>4</sup> .....	54194	173.8	176.5	176.7	-	-	274.7	277.0	277.6	-	-
Miscellaneous professional and technical services <sup>4</sup> .....	54193,9	432.4	485.2	487.8	-	-	774.9	921.1	924.6	-	-
Management of companies and enterprises <sup>4</sup> .....	55	126.5	128.1	127.5	-	-	218.3	226.9	226.6	-	-
Offices of bank holding companies and of other holding companies <sup>4</sup> .....	551111,2	98.8	111.2	110.2	-	-	165.2	190.7	190.5	-	-
Managing offices <sup>4</sup> .....	551114	127.9	128.9	128.1	-	-	221.7	229.0	228.6	-	-
Administrative and waste services <sup>4</sup> .....	56	126.8	129.1	129.0	-	-	179.1	187.0	187.6	-	-
Administrative and support services <sup>4</sup> .....	561	126.3	128.9	128.5	-	-	179.3	187.3	187.2	-	-
Office administrative services <sup>4</sup> .....	5611	196.2	195.2	191.9	-	-	341.1	348.9	344.3	-	-
Facilities support services <sup>4</sup> .....	5612	157.4	151.4	152.3	-	-	175.2	173.9	176.2	-	-
Employment services <sup>4</sup> .....	5613	119.5	121.5	120.8	-	-	162.7	167.5	168.0	-	-
Employment placement agencies and executive search services <sup>4</sup> .....	56131	103.9	113.2	114.8	-	-	172.0	174.4	178.2	-	-
Temporary help services <sup>4</sup> .....	56132	144.2	146.6	145.3	-	-	195.9	202.8	202.5	-	-
Professional employer organizations <sup>4</sup> .....	56133	49.8	50.4	51.1	-	-	65.6	67.3	68.1	-	-
Business support services <sup>4</sup> .....	5614	129.3	132.0	130.8	-	-	188.0	195.9	194.0	-	-
Telephone call centers <sup>4</sup> .....	56142	168.2	168.0	167.6	-	-	260.1	265.8	263.9	-	-
Business service centers <sup>4</sup> .....	56143	91.6	89.6	89.3	-	-	128.4	122.3	121.6	-	-
Collection agencies <sup>4</sup> .....	56144	86.9	88.4	87.6	-	-	123.6	128.8	127.1	-	-
Travel arrangement and reservation services <sup>4</sup> .....	5615	90.0	87.0	86.0	-	-	149.0	145.6	142.4	-	-
Travel agencies <sup>4</sup> .....	56151	74.7	69.5	68.0	-	-	99.3	97.1	94.3	-	-
Investigation and security services <sup>4</sup> .....	5616	128.0	130.5	130.3	-	-	191.3	205.2	204.9	-	-
Security and armored car services <sup>4</sup> .....	56161	125.3	126.8	126.5	-	-	184.5	194.4	194.3	-	-
Security systems services <sup>4</sup> .....	56162	148.2	156.3	156.4	-	-	223.6	252.7	252.7	-	-
Services to buildings and dwellings <sup>4</sup> .....	5617	135.1	138.7	138.5	-	-	190.4	203.6	203.5	-	-
Exterminating and pest control services <sup>4</sup> .....	56171	165.1	161.0	158.9	-	-	248.6	238.7	236.0	-	-
Janitorial services <sup>4</sup> .....	56172	125.8	130.7	131.3	-	-	173.1	184.6	185.9	-	-
Landscaping services <sup>4</sup> .....	56173	144.6	148.2	147.8	-	-	205.4	223.4	223.0	-	-
Carpet and upholstery cleaning services <sup>4</sup> .....	56174	93.8	100.2	99.6	-	-	129.5	147.7	147.7	-	-
Other services to buildings and dwellings <sup>4</sup> .....	56179	126.7	136.1	144.4	-	-	161.3	180.3	193.0	-	-
Other support services <sup>4</sup> .....	5619	109.7	116.4	118.0	-	-	144.8	158.7	162.0	-	-
Packaging and labeling services <sup>4</sup> .....	56191	125.9	122.3	125.4	-	-	193.3	187.3	190.6	-	-
Convention and trade show organizers <sup>4</sup> .....	56192	98.5	109.5	110.2	-	-	108.3	124.8	129.6	-	-
All other support services <sup>4</sup> .....	56199	106.8	116.5	118.4	-	-	150.7	169.5	172.9	-	-
Waste management and remediation services <sup>4</sup> .....	562	128.6	135.1	136.9	-	-	169.3	186.3	188.9	-	-
Waste collection <sup>4</sup> .....	5621	166.0	173.9	177.4	-	-	222.0	238.2	246.4	-	-
Waste treatment and disposal <sup>4</sup> .....	5622	87.7	89.7	91.0	-	-	134.7	140.8	142.3	-	-
Remediation and other waste services <sup>4</sup> .....	5629	133.9	144.9	145.4	-	-	159.7	189.4	189.7	-	-
Education and health services.....		140.6	143.2	143.3	143.6	0.2	214.8	224.2	224.4	225.3	0.4
Health care and social assistance <sup>4</sup> .....	62	142.6	145.1	145.4	-	-	219.4	229.9	230.3	-	-
Health care <sup>6, 4</sup> .....	621,2,3	138.2	140.9	141.2	-	-	218.1	228.7	229.0	-	-
Ambulatory health care services <sup>4</sup> .....	621	161.5	164.7	165.0	-	-	253.2	264.1	264.5	-	-
Offices of physicians <sup>4</sup> .....	6211	138.9	141.9	142.3	-	-	251.0	261.3	261.7	-	-
Offices of physicians, except mental health <sup>4</sup> .....	621111	139.2	142.1	142.4	-	-	252.3	262.6	263.1	-	-
Offices of mental health physicians <sup>4</sup> .....	621112	123.1	137.8	135.5	-	-	186.3	196.3	181.3	-	-
Offices of dentists <sup>4</sup> .....	6212	126.9	126.3	126.1	-	-	180.9	183.7	183.5	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Offices of other health practitioners <sup>4</sup> .....	6213	178.1	186.8	185.3	-	-	260.4	278.6	275.7	-	-
Offices of chiropractors <sup>4</sup> .....	62131	132.2	140.2	138.4	-	-	188.3	202.3	194.0	-	-
Offices of optometrists <sup>4</sup> .....	62132	151.4	161.5	161.6	-	-	230.4	245.8	244.3	-	-
Offices of mental health practitioners <sup>4</sup> .....	62133	142.9	147.7	146.6	-	-	176.6	177.8	175.8	-	-
Offices of specialty therapists <sup>4</sup> .....	62134	199.3	205.1	205.0	-	-	292.5	313.2	314.3	-	-
Offices of all other health practitioners <sup>4</sup> .....	62139	250.0	261.5	255.1	-	-	348.3	366.5	357.6	-	-
Outpatient care centers <sup>4</sup> .....	6214	216.5	226.6	224.9	-	-	334.9	364.7	360.7	-	-
Outpatient mental health centers <sup>4</sup> .....	62142	174.5	180.3	179.8	-	-	232.4	253.1	253.7	-	-
Outpatient care centers, except mental health <sup>4</sup> .....	62141,9	235.1	248.3	246.5	-	-	374.3	409.7	404.6	-	-
Freestanding emergency medical centers <sup>4</sup> .....	621493	251.2	273.1	270.1	-	-	385.1	427.7	421.4	-	-
Miscellaneous outpatient care centers <sup>4</sup> .....	621410,98	235.3	248.5	248.2	-	-	374.4	406.5	403.8	-	-
Medical and diagnostic laboratories <sup>4</sup> .....	6215	161.2	160.4	159.8	-	-	232.7	242.6	242.3	-	-
Medical laboratories <sup>4</sup> .....	621511	162.8	163.1	161.8	-	-	236.4	248.3	244.7	-	-
Diagnostic imaging centers <sup>4</sup> .....	621512	154.7	151.6	152.9	-	-	222.5	226.0	234.7	-	-
Home health care services <sup>4</sup> .....	6216	213.6	216.8	216.5	-	-	284.9	291.3	292.4	-	-
Other ambulatory health care services <sup>4</sup> .....	6219	164.7	159.2	157.6	-	-	263.5	263.8	261.8	-	-
Ambulance services <sup>4</sup> .....	62191	165.4	158.3	159.6	-	-	249.6	256.2	260.3	-	-
All other ambulatory health care services <sup>4</sup> .....	62199	164.0	161.3	155.9	-	-	283.1	273.8	266.0	-	-
Hospitals <sup>4</sup> .....	622	127.7	130.8	131.3	-	-	209.4	221.5	221.5	-	-
General medical and surgical hospitals <sup>4</sup> .....	6221	125.7	128.2	128.6	-	-	207.0	217.9	217.8	-	-
Nursing and residential care facilities <sup>4</sup> .....	623	119.4	121.1	121.0	-	-	164.8	171.7	172.7	-	-
Nursing care facilities <sup>4</sup> .....	6231	102.0	102.8	102.9	-	-	142.6	146.4	147.6	-	-
Residential mental health facilities <sup>4</sup> .....	6232	130.7	134.5	135.0	-	-	182.9	196.6	200.0	-	-
Residential intellectual and developmental disability facilities <sup>4</sup> .....	62321	121.1	123.9	123.3	-	-	162.9	172.8	173.5	-	-
Residential mental health and substance abuse facilities <sup>4</sup> .....	62322	152.3	158.9	160.1	-	-	222.9	244.2	250.3	-	-
Community care facilities for the elderly <sup>4</sup> .....	6233	168.7	169.8	170.3	-	-	235.9	246.2	247.9	-	-
Continuing care retirement communities <sup>4</sup> .....	623311	205.8	204.9	204.4	-	-	290.0	299.3	299.6	-	-
Assisted living facilities for the elderly <sup>4</sup> .....	623312	138.0	140.4	141.8	-	-	186.1	196.6	199.4	-	-
Other residential care facilities <sup>4</sup> .....	6239	98.7	99.1	99.7	-	-	131.9	135.7	138.1	-	-
Social assistance <sup>4</sup> .....	624	167.0	170.1	169.7	-	-	230.5	242.4	241.9	-	-
Individual and family services <sup>4</sup> .....	6241	225.6	230.1	230.6	-	-	301.7	318.3	319.5	-	-
Child and youth services <sup>4</sup> .....	62411	135.5	135.8	139.0	-	-	194.2	199.5	204.4	-	-
Services for the elderly and persons with disabilities <sup>4</sup> .....	62412	287.9	294.3	293.9	-	-	393.9	419.1	419.4	-	-
Other individual and family services <sup>4</sup> .....	62419	143.0	146.8	147.3	-	-	208.3	218.5	219.1	-	-
Emergency and other relief services <sup>4</sup> .....	6242	137.0	145.7	145.8	-	-	206.5	223.0	222.8	-	-
Vocational rehabilitation services <sup>4</sup> .....	6243	95.0	95.1	95.1	-	-	130.6	131.8	131.7	-	-
Child day care services <sup>4</sup> .....	6244	130.4	128.5	129.4	-	-	179.6	183.5	184.6	-	-
Leisure and hospitality.....		129.4	131.3	130.7	131.0	0.2	198.2	207.8	207.9	209.1	0.6
Arts, entertainment, and recreation <sup>4</sup> .....	71	117.2	116.5	114.0	-	-	169.8	173.8	171.4	-	-
Performing arts and spectator sports <sup>4</sup> .....	711	126.0	122.4	126.8	-	-	204.1	207.3	210.4	-	-
Performing arts companies <sup>4</sup> .....	7111	111.5	116.9	118.3	-	-	213.6	226.6	226.9	-	-
Spectator sports <sup>4</sup> .....	7112	106.7	105.4	108.0	-	-	167.4	163.2	164.8	-	-
Arts and sports promoters and agents and managers for public figures <sup>4</sup> .....	7113,4	176.0	166.8	176.4	-	-	246.2	264.8	277.9	-	-
Independent artists, writers, and performers <sup>4</sup> .....	7115	129.1	127.5	131.7	-	-	219.9	219.2	236.2	-	-
Museums, historical sites, and similar institutions <sup>4</sup> .....	712	135.4	139.4	141.0	-	-	188.7	197.1	198.8	-	-
Museums <sup>4</sup> .....	71211	118.9	120.8	123.5	-	-	164.6	167.1	169.8	-	-
Historical sites and other similar institutions <sup>4</sup> .....	71212,3,9	161.0	169.1	169.9	-	-	236.9	259.5	260.7	-	-
Amusements, gambling, and recreation <sup>4</sup> .....	713	112.9	112.8	108.6	-	-	152.5	157.0	153.4	-	-
Gambling industries <sup>4</sup> .....	7132	91.2	87.3	86.2	-	-	148.1	143.5	141.6	-	-
Golf courses and country clubs <sup>4</sup> .....	71391	120.3	117.9	117.2	-	-	169.6	173.5	172.9	-	-
Skiing facilities <sup>4</sup> .....	71392	139.7	161.5	157.9	-	-	228.4	280.4	277.5	-	-
Marinas <sup>4</sup> .....	71393	126.3	131.0	128.7	-	-	185.6	195.1	202.0	-	-
Fitness and recreational sports centers <sup>4</sup> .....	71394	108.9	110.0	109.3	-	-	134.5	137.9	136.0	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	Oct. 2018 <sup>P</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>P</sup>
Bowling centers <sup>4</sup> .....	71395	74.7	73.7	73.7	-	-	101.3	104.2	105.8	-	-
Accommodation and food services <sup>4</sup> .....	72	131.5	134.2	133.5	-	-	205.6	216.6	216.4	-	-
Accommodation <sup>4</sup> .....	721	112.4	114.3	113.2	-	-	162.5	170.2	169.2	-	-
Traveler accommodation <sup>4</sup> .....	7211	111.4	112.8	111.4	-	-	161.6	168.1	166.7	-	-
Hotels and motels, except casino hotels <sup>4</sup> .....	72111	115.7	115.6	114.2	-	-	170.0	174.8	173.2	-	-
RV parks and recreational camps <sup>4</sup> .....	7212	177.2	182.4	189.7	-	-	243.3	270.7	269.6	-	-
Food services and drinking places <sup>4</sup> .....	722	136.5	138.8	138.7	-	-	219.1	230.5	231.5	-	-
Special food services <sup>4</sup> .....	7223	136.2	146.6	147.7	-	-	198.8	220.4	224.4	-	-
Food service contractors <sup>4</sup> .....	72231	138.8	148.7	150.7	-	-	193.7	216.0	221.1	-	-
Caterers and mobile food services <sup>4</sup> .....	72232,3	126.0	141.1	137.6	-	-	215.8	239.2	236.2	-	-
Drinking places, alcoholic beverages <sup>4</sup> .....	7224	101.8	103.1	103.4	-	-	198.3	208.9	208.1	-	-
Restaurants and other eating places <sup>4</sup> .....	7225	138.1	139.8	139.7	-	-	221.8	232.4	233.1	-	-
Full-service restaurants <sup>4</sup> .....	722511	133.1	134.4	134.3	-	-	224.9	234.8	235.3	-	-
Limited-service restaurants <sup>4</sup> .....	722513	141.2	143.6	142.3	-	-	213.8	224.5	223.5	-	-
Cafeterias, grill buffets, and buffets <sup>4</sup> .....	722514	80.0	76.4	79.7	-	-	108.1	109.9	116.2	-	-
Snack and nonalcoholic beverage bars <sup>4</sup> .....	722515	211.4	213.4	210.2	-	-	320.8	337.5	336.0	-	-
Other services.....	81	103.1	105.0	105.2	106.0	0.8	152.7	158.1	158.8	160.5	1.1
Repair and maintenance <sup>4</sup> .....	811	107.6	108.8	108.4	-	-	154.7	160.8	161.7	-	-
Automotive repair and maintenance <sup>4</sup> .....	8111	105.6	104.8	103.9	-	-	152.9	152.9	153.8	-	-
Automotive mechanical and electrical repair <sup>4</sup> .....	81111	99.7	99.9	99.8	-	-	141.4	141.1	142.0	-	-
General automotive repair <sup>4</sup> .....	811111	113.0	114.1	114.0	-	-	158.4	159.1	160.1	-	-
Automotive body, interior, and glass repair <sup>4</sup> .....	811112	108.1	105.5	105.8	-	-	163.5	159.7	160.8	-	-
Other automotive repair and maintenance <sup>4</sup> .....	811119	113.3	114.3	111.1	-	-	162.8	174.9	177.1	-	-
Car washes <sup>4</sup> .....	811192	122.9	128.4	123.8	-	-	178.4	195.2	193.9	-	-
Auto oil change shops and all other auto repair and maintenance <sup>4</sup> .....	811191,8	99.1	94.3	95.3	-	-	144.7	151.8	159.9	-	-
Electronic equipment repair and maintenance <sup>4</sup> .....	8112	96.6	98.7	98.9	-	-	140.5	142.9	144.4	-	-
Computer and office machine repair <sup>4</sup> .....	811212	86.9	97.0	100.2	-	-	119.2	126.9	129.5	-	-
Miscellaneous electronic equipment repair and maintenance <sup>4</sup> .....	811211,3,9	105.0	100.1	98.3	-	-	159.4	156.6	156.7	-	-
Commercial machinery repair and maintenance <sup>4</sup> .....	8113	136.1	145.7	146.2	-	-	192.7	222.6	227.0	-	-
Household goods repair and maintenance <sup>4</sup> .....	8114	86.9	91.2	92.9	-	-	110.7	118.5	119.2	-	-
Personal and laundry services <sup>4</sup> .....	812	107.7	112.1	111.7	-	-	153.7	162.1	161.7	-	-
Personal care services <sup>4</sup> .....	8121	126.9	131.8	130.6	-	-	191.5	194.8	193.1	-	-
Hair, nail, and skin care services <sup>4</sup> .....	81211	117.9	124.1	122.6	-	-	172.4	176.1	173.6	-	-
Other personal care services <sup>4</sup> .....	81219	202.6	188.4	196.0	-	-	356.4	346.1	359.1	-	-
Death care services <sup>4</sup> .....	8122	92.7	92.9	92.7	-	-	136.2	139.9	136.9	-	-
Drycleaning and laundry services <sup>4</sup> .....	8123	80.3	79.9	79.7	-	-	106.9	111.5	112.0	-	-
Coin-operated laundries and drycleaners <sup>4</sup> .....	81231	75.6	65.9	66.3	-	-	86.9	78.9	80.7	-	-
Drycleaning and laundry services, except coin-operated <sup>4</sup> .....	81232	62.5	60.4	60.2	-	-	85.8	88.3	88.8	-	-
Linen and uniform supply <sup>4</sup> .....	81233	104.9	108.7	109.3	-	-	131.3	142.6	144.3	-	-
Other personal services <sup>4</sup> .....	8129	127.8	140.6	141.4	-	-	167.5	190.8	194.3	-	-
Pet care services, except veterinary <sup>4</sup> .....	81291	359.8	382.9	376.3	-	-	405.6	454.4	449.9	-	-
Parking lots and garages <sup>4</sup> .....	81293	124.4	135.9	136.9	-	-	186.9	196.7	199.6	-	-
Membership associations and organizations <sup>4</sup> .....	813	99.0	100.5	100.6	-	-	151.6	155.8	156.5	-	-
Grantmaking and giving services <sup>4</sup> .....	8132	145.0	151.8	151.9	-	-	266.1	290.2	292.4	-	-
Grantmaking foundations <sup>4</sup> .....	813211	255.9	260.8	265.0	-	-	464.2	481.8	491.2	-	-
Social advocacy organizations <sup>4</sup> .....	8133	125.2	125.7	126.5	-	-	220.3	230.8	234.1	-	-
Human rights organizations <sup>4</sup> .....	813311	110.3	110.4	111.3	-	-	183.7	204.4	207.3	-	-
Environment, conservation, and other social advocacy organizations <sup>4</sup> .....	813312,9	129.3	130.7	131.2	-	-	232.5	240.3	243.7	-	-
Civic and social organizations <sup>4</sup> .....	8134	85.1	82.4	81.8	-	-	127.4	125.2	124.6	-	-
Professional and similar organizations <sup>4</sup> .....	8139	98.3	106.1	107.3	-	-	152.7	167.5	168.2	-	-
Business associations <sup>4</sup> .....	81391	98.5	97.9	98.2	-	-	162.2	159.8	157.7	-	-

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>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>p</sup>	Oct. 2018 <sup>p</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>p</sup>	Oct. 2017	Aug. 2018	Sept. 2018 <sup>p</sup>	Oct. 2018 <sup>p</sup>	Percent change from: Sept.2018 - Oct.2018 <sup>p</sup>
Professional organizations <sup>4</sup> .....	81392	146.0	155.0	150.4	—	—	227.2	237.2	231.4	—	—
Labor unions and similar labor organizations <sup>4</sup> .....	81393	82.3	89.0	91.1	—	—	123.8	138.3	142.5	—	—
Miscellaneous professional and similar organizations <sup>4</sup> ...	81394,9	94.8	106.6	110.1	—	—	144.8	175.8	178.9	—	—

<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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