

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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.....		117.3	119.2	118.9	118.1	-0.7	174.6	180.2	182.3	180.7	-0.9
Goods-producing.....		93.8	97.4	96.5	96.5	0.0	134.8	143.9	143.3	143.7	0.3
Mining and logging.....		128.1	142.1	140.5	141.9	1.0	205.2	234.8	236.1	238.0	0.8
Logging.....	1133	74.6	79.7	77.9	-	-	106.8	111.3	110.6	-	-
Mining.....	21	135.5	150.6	149.0	-	-	216.7	249.0	250.4	-	-
Oil and gas extraction.....	211	122.9	134.6	140.3	-	-	216.8	252.5	264.6	-	-
Mining, except oil and gas.....	212	88.1	94.9	92.7	-	-	125.6	138.1	133.4	-	-
Coal mining.....	2121	73.4	75.6	74.2	-	-	108.6	112.5	111.7	-	-
Stone mining and quarrying.....	21231	91.5	97.4	95.0	-	-	132.3	152.0	146.9	-	-
Crushed and broken limestone mining.....	212312	85.4	93.1	89.9	-	-	126.4	144.0	140.1	-	-
Other stone mining and quarrying.....	212311,3,9	99.6	103.1	101.6	-	-	139.9	162.3	155.4	-	-
Support activities for mining.....	213	194.8	220.5	217.3	-	-	340.5	397.7	403.4	-	-
Support activities for oil and gas operations.....	213112	222.2	259.1	252.9	-	-	426.8	521.3	523.6	-	-
Construction.....	23	109.2	115.5	112.5	113.0	0.4	159.7	174.3	171.2	172.1	0.5
Construction of buildings.....	236	96.6	100.5	98.4	-	-	145.6	156.1	154.8	-	-
Residential building.....	2361	88.6	93.2	91.2	-	-	127.7	141.9	142.2	-	-
New single-family general contractors.....	236115	66.5	67.6	66.6	-	-	96.4	104.8	106.1	-	-
Residential remodelers.....	236118	130.1	143.3	140.0	-	-	177.7	203.7	205.0	-	-
Nonresidential building.....	2362	104.2	107.4	105.4	-	-	160.1	167.4	165.2	-	-
Industrial building.....	23621	97.7	97.8	99.3	-	-	155.0	153.5	162.0	-	-
Commercial building.....	23622	106.6	111.0	107.6	-	-	161.9	172.5	166.2	-	-
Heavy and civil engineering construction.....	237	118.2	126.5	123.1	-	-	190.5	211.6	210.6	-	-
Utility system construction.....	2371	143.9	157.3	155.0	-	-	239.9	274.1	282.2	-	-
Water and sewer system construction.....	23711	109.5	116.9	112.1	-	-	162.9	181.3	176.0	-	-
Oil and gas pipeline construction.....	23712	193.5	228.6	211.9	-	-	376.9	446.7	409.1	-	-
Power and communication system construction..	23713	157.5	162.6	174.9	-	-	256.4	287.4	346.1	-	-
Highway, street, and bridge construction.....	2373	109.7	119.1	114.2	-	-	161.7	184.6	176.6	-	-
Specialty trade contractors.....	238	111.2	117.8	114.4	-	-	156.7	171.1	166.7	-	-
Building foundation and exterior contractors.....	2381	104.7	106.6	102.9	-	-	145.2	153.7	147.8	-	-
Poured concrete structure contractors.....	23811	130.6	140.0	132.3	-	-	196.3	215.5	204.9	-	-
Steel and precast concrete contractors.....	23812	96.5	97.9	95.2	-	-	128.7	126.2	123.8	-	-
Framing contractors.....	23813	70.6	68.5	66.0	-	-	89.0	91.9	88.0	-	-
Masonry contractors.....	23814	74.7	72.7	70.4	-	-	104.3	103.8	101.2	-	-
Glass and glazing contractors.....	23815	135.9	125.8	119.7	-	-	176.6	183.2	176.9	-	-
Roofing contractors.....	23816	125.3	128.3	124.2	-	-	179.2	197.0	184.0	-	-
Siding contractors.....	23817	119.0	128.1	127.7	-	-	189.2	233.0	237.5	-	-
Other building exterior contractors.....	23819	130.7	137.9	141.8	-	-	172.6	187.0	188.0	-	-
Building equipment contractors.....	2382	115.5	123.1	120.9	-	-	160.8	174.9	172.3	-	-
Electrical contractors.....	23821	102.3	109.4	107.9	-	-	144.1	156.4	156.2	-	-
Plumbing and HVAC contractors.....	23822	127.3	136.5	132.7	-	-	176.4	194.2	187.9	-	-
Other building equipment contractors.....	23829	137.2	139.1	141.8	-	-	185.6	191.0	195.6	-	-
Building finishing contractors.....	2383	96.6	101.6	98.7	-	-	138.8	152.1	147.7	-	-
Drywall and insulation contractors.....	23831	79.8	85.7	84.8	-	-	119.3	130.3	130.2	-	-
Painting and wall covering contractors.....	23832	102.0	102.8	98.9	-	-	134.4	151.1	146.5	-	-
Flooring contractors.....	23833	98.7	112.1	100.0	-	-	145.7	164.0	136.9	-	-
Tile and terrazzo contractors.....	23834	123.5	123.6	119.4	-	-	210.8	211.1	198.2	-	-
Finish carpentry contractors.....	23835	108.1	115.8	115.3	-	-	152.3	177.5	177.1	-	-
Other building finishing contractors.....	23839	119.4	125.9	122.7	-	-	178.0	177.5	172.6	-	-
Other specialty trade contractors.....	2389	130.1	141.0	135.2	-	-	188.5	211.5	205.0	-	-
Site preparation contractors.....	23891	130.3	141.1	133.9	-	-	186.6	211.9	202.2	-	-
All other specialty trade contractors.....	23899	130.2	140.8	136.9	-	-	191.2	211.0	208.8	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Manufacturing.....		85.1	87.3	87.1	87.1	0.0	117.3	122.7	123.2	123.6	0.3
Durable goods.....		85.4	88.0	87.5	88.3	0.9	117.7	123.8	123.8	124.8	0.8
Wood products.....	321	74.2	75.7	75.4	75.7	0.4	106.5	109.8	109.7	110.3	0.5
Sawmills and wood preservation.....	3211	76.8	76.7	75.1	-	-	105.6	106.6	104.6	-	-
Plywood and engineered wood products.....	3212	65.4	70.5	69.4	-	-	97.5	107.1	105.7	-	-
Other wood products.....	3219	76.5	77.5	78.0	-	-	111.0	112.7	114.1	-	-
Millwork.....	32191	69.3	70.4	72.8	-	-	97.9	100.5	104.9	-	-
Wood windows and doors.....	321911	74.8	71.3	73.8	-	-	112.3	107.2	113.4	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	64.4	69.7	72.0	-	-	84.6	94.4	97.1	-	-
Wood containers and pallets.....	32192	103.7	104.1	104.2	-	-	162.4	167.5	166.7	-	-
All other wood products.....	32199	69.7	70.6	68.7	-	-	103.3	101.6	99.2	-	-
Nonmetallic mineral products.....	327	81.8	86.7	84.8	86.1	1.5	109.7	121.2	118.3	121.8	3.0
Cement and concrete products.....	3273	93.7	95.7	92.4	-	-	126.6	135.8	132.1	-	-
Ready-mix concrete.....	32732	90.7	96.8	92.3	-	-	126.4	145.3	139.4	-	-
Other cement and concrete products.....	32731,3,9	97.2	94.3	92.5	-	-	126.9	122.5	121.8	-	-
Primary metals.....	331	76.2	77.5	77.5	77.9	0.5	99.4	103.5	105.0	104.7	-0.3
Foundries.....	3315	64.3	66.0	67.7	-	-	82.0	88.5	92.8	-	-
Fabricated metal products.....	332	97.0	100.5	100.0	100.7	0.7	133.9	140.5	140.7	141.5	0.6
Forging and stamping.....	3321	93.2	98.6	96.5	-	-	123.9	131.1	127.4	-	-
Architectural and structural metals.....	3323	98.4	101.4	99.4	-	-	134.3	142.9	141.8	-	-
Plate work and fabricated structural products...	33231	95.2	101.5	99.4	-	-	133.7	144.1	142.5	-	-
Fabricated structural metal products.....	332312	97.1	105.6	104.7	-	-	138.1	148.0	147.8	-	-
Ornamental and architectural metal products...	33232	100.7	101.6	99.4	-	-	134.7	142.2	141.1	-	-
Sheet metal work.....	332322	116.0	120.2	117.5	-	-	152.4	164.9	165.7	-	-
Boilers, tanks, and shipping containers.....	3324	101.0	100.4	97.6	-	-	139.5	136.9	133.9	-	-
Machine shops and threaded products.....	3327	119.5	125.8	125.8	-	-	162.3	175.3	177.5	-	-
Machine shops.....	33271	130.3	139.1	139.4	-	-	176.6	193.4	196.3	-	-
Turned products and screws, nuts, and bolts...	33272	92.3	92.0	91.1	-	-	124.8	127.5	127.8	-	-
Coating, engraving, and heat treating metals....	3328	96.9	103.3	104.3	-	-	133.3	141.8	144.9	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	118.1	126.6	127.5	-	-	152.1	168.9	174.6	-	-
Electroplating, anodizing, and coloring metals..	332813	79.2	84.1	85.1	-	-	116.9	118.7	119.4	-	-
Other fabricated metal products.....	3329	97.5	97.2	98.8	-	-	139.2	137.7	139.4	-	-
Metal valves.....	33291	83.5	82.9	83.3	-	-	122.7	124.9	126.6	-	-
All other fabricated metal products.....	33299	104.7	104.9	107.1	-	-	147.4	144.6	146.1	-	-
Machinery.....	333	92.7	96.9	96.1	96.9	0.8	132.1	141.3	140.5	141.6	0.8
Agricultural, construction, and mining machinery.....	3331	120.4	133.9	133.6	-	-	183.7	211.8	207.6	-	-
Farm machinery and equipment.....	333111	86.5	99.7	96.5	-	-	128.0	156.5	149.1	-	-
Industrial machinery.....	3332	91.9	88.6	88.2	-	-	128.5	132.1	131.0	-	-
Commercial and service industry machinery.....	3333	75.6	80.3	81.0	-	-	115.3	122.2	125.1	-	-
HVAC and commercial refrigeration equipment..	3334	76.6	85.4	81.9	-	-	110.0	128.6	123.7	-	-
Metalworking machinery.....	3335	86.6	87.2	86.6	-	-	114.8	116.5	117.9	-	-
Special tools, dies, jigs, and fixtures.....	333514	75.8	74.6	75.5	-	-	103.8	102.9	106.6	-	-
Turbine and power transmission equipment.....	3336	80.9	81.3	80.4	-	-	110.6	113.1	112.4	-	-
Other general purpose machinery.....	3339	99.9	101.9	101.5	-	-	144.5	148.7	149.2	-	-
Computer and electronic products.....	334	85.2	85.8	85.3	85.5	0.2	129.6	133.9	133.2	133.4	0.2
Communications equipment.....	3342	61.7	57.5	56.8	-	-	78.5	76.0	74.6	-	-
Semiconductors and electronic components.....	3344	72.3	71.0	70.7	-	-	103.5	103.1	102.4	-	-
Semiconductors and related devices.....	334413	76.5	72.3	72.8	-	-	128.8	113.8	113.7	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	64.1	67.5	68.8	-	-	90.5	100.6	101.9	-	-
Electronic instruments.....	3345	127.3	131.5	131.6	-	-	217.0	228.3	229.8	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Electrical equipment and appliances.....	335	79.0	80.8	80.4	80.1	-0.4	113.3	120.3	120.3	118.4	-1.6
Electrical equipment.....	3353	81.7	84.7	83.2	-	-	118.7	124.1	125.0	-	-
Other electrical equipment and components.....	3359	93.9	97.3	96.5	-	-	133.9	146.4	144.8	-	-
Transportation equipment.....	336	89.5	92.9	93.3	94.4	1.2	111.5	118.6	120.0	121.6	1.3
Motor vehicles and parts <sup>4</sup> .....	3361,2,3	82.1	84.9	84.9	85.2	0.4	85.6	91.6	92.0	92.0	0.0
Motor vehicles.....	3361	77.3	83.2	83.7	-	-	83.2	90.4	91.3	-	-
Motor vehicle bodies and trailers.....	3362	110.0	116.3	118.0	-	-	130.7	142.4	146.2	-	-
Motor vehicle parts.....	3363	78.5	79.5	79.2	-	-	80.1	84.6	84.3	-	-
Motor vehicle gasoline engine and parts.....	33631	68.3	68.8	67.1	-	-	76.9	75.7	74.0	-	-
Motor vehicle power train components.....	33635	69.2	70.4	70.5	-	-	67.1	70.4	71.4	-	-
Motor vehicle metal stamping.....	33637	94.0	95.2	93.1	-	-	91.1	99.1	96.9	-	-
All other motor vehicle parts.....	33639	97.2	96.8	97.6	-	-	111.2	112.6	113.5	-	-
Aerospace products and parts.....	3364	123.6	130.5	132.2	-	-	211.2	222.5	228.0	-	-
Aircraft.....	336411	116.0	130.6	133.4	-	-	186.1	208.7	215.9	-	-
Furniture and related products.....	337	60.3	62.6	61.6	62.4	1.3	84.8	89.4	88.1	88.5	0.5
Household and institutional furniture.....	3371	58.4	60.7	59.9	-	-	83.5	87.0	86.0	-	-
Wood kitchen cabinets and countertops.....	33711	77.2	82.1	81.3	-	-	109.9	115.7	115.1	-	-
Other household and institutional furniture.....	33712	47.4	48.3	47.4	-	-	66.8	69.2	67.7	-	-
Upholstered household furniture.....	337121	66.1	65.9	66.7	-	-	89.8	90.5	91.4	-	-
Miscellaneous durable goods manufacturing.....	339	82.7	82.7	82.0	83.7	2.1	122.3	122.0	120.6	122.9	1.9
Medical equipment and supplies.....	3391	102.9	101.2	100.0	-	-	156.3	151.7	149.4	-	-
Surgical appliances and supplies.....	339113	111.8	112.0	110.1	-	-	152.2	151.4	147.1	-	-
Dental laboratories.....	339116	77.2	75.2	75.9	-	-	118.3	119.3	118.7	-	-
Other miscellaneous durable goods manufacturing.....	3399	68.2	69.1	69.1	-	-	95.1	98.0	97.8	-	-
Signs.....	33995	98.7	97.5	95.3	-	-	133.6	138.1	133.1	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	70.7	69.0	69.4	-	-	102.7	101.7	104.2	-	-
Nondurable goods.....		84.8	86.1	86.4	85.5	-1.0	117.0	120.5	121.9	121.4	-0.4
Food manufacturing.....	311	113.6	118.8	118.7	116.6	-1.8	153.4	164.5	164.9	163.6	-0.8
Sugar and confectionery products.....	3113	85.8	80.7	82.2	-	-	97.4	110.7	111.9	-	-
Fruit and vegetable preserving and specialty.....	3114	118.8	134.8	132.0	-	-	145.0	172.7	168.0	-	-
Frozen food.....	31141	123.1	115.1	111.7	-	-	162.9	152.3	147.9	-	-
Fruit and vegetable canning and drying.....	31142	114.3	155.9	153.4	-	-	128.7	191.7	186.4	-	-
Dairy products.....	3115	110.4	116.3	116.2	-	-	157.5	167.5	168.5	-	-
Animal slaughtering and processing.....	3116	107.7	107.8	109.5	-	-	149.6	153.4	156.9	-	-
Poultry processing.....	311615	106.7	109.1	110.2	-	-	146.8	153.9	156.9	-	-
Seafood product preparation and packaging.....	3117	92.9	159.8	133.9	-	-	123.5	210.7	177.9	-	-
Bakeries and tortilla manufacturing.....	3118	106.9	108.5	107.9	-	-	145.3	148.8	148.7	-	-
Textile mills.....	313	36.3	38.2	37.6	38.4	2.1	49.8	53.1	52.1	54.1	3.8
Textile product mills.....	314	53.1	51.7	49.8	48.7	-2.2	73.2	72.9	70.8	68.7	-3.0
Apparel.....	315	29.8	29.5	28.4	27.1	-4.6	48.2	49.1	49.2	46.8	-4.9
Paper and paper products.....	322	68.8	69.2	69.4	69.6	0.3	88.5	89.6	91.3	91.3	0.0
Pulp, paper, and paperboard mills.....	3221	62.5	63.4	63.4	-	-	76.7	75.6	76.1	-	-
Converted paper products.....	3222	71.5	71.7	72.1	-	-	96.4	99.0	101.7	-	-
Paperboard containers.....	32221	75.5	76.8	77.0	-	-	100.0	105.7	107.0	-	-
Corrugated and solid fiber boxes.....	322211	75.8	79.1	78.0	-	-	101.2	106.7	106.5	-	-
Paper bags and coated and treated paper.....	32222	67.7	65.3	65.3	-	-	87.1	85.6	86.9	-	-
Printing and related support activities.....	323	63.3	61.4	62.0	60.9	-1.8	79.0	76.7	77.6	76.1	-1.9
Petroleum and coal products.....	324	112.8	104.7	110.5	114.1	3.3	197.5	177.4	193.7	206.2	6.5
Chemicals.....	325	99.4	102.3	102.6	103.0	0.4	138.3	142.5	145.1	144.9	-0.1
Basic chemicals.....	3251	79.4	85.0	89.1	-	-	107.4	110.7	117.1	-	-
Resin, rubber, and artificial fibers.....	3252	77.6	79.7	78.5	-	-	112.4	119.4	124.8	-	-
Pharmaceuticals and medicines.....	3254	140.5	149.8	146.7	-	-	214.5	225.0	225.2	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: Sept. 2018 - Oct. 2018 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	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>	
Soaps, cleaning compounds, and toiletries.....	3256	93.2	90.7	90.3	-	-	124.1	126.0	129.3	-	-	
Plastics and rubber products.....	326	85.6	85.1	85.4	84.5	-1.1	113.3	118.4	117.5	116.5	-0.9	
Plastics products.....	3261	89.6	88.9	89.0	-	-	123.5	128.6	128.4	-	-	
Plastics packaging materials, film, and sheet. . .	32611	106.1	105.5	106.3	-	-	140.4	152.0	154.4	-	-	
Foam products.....	32614,5	116.6	106.8	107.1	-	-	154.7	154.6	154.7	-	-	
Other plastics products.....	32619	81.9	82.3	81.8	-	-	116.5	121.1	118.8	-	-	
Rubber products.....	3262	71.3	72.0	72.8	-	-	84.3	89.8	86.9	-	-	
Miscellaneous nondurable goods manufacturing. . .	312,6	105.5	100.0	104.9	100.4	-4.3	129.5	124.8	131.8	127.2	-3.5	
Private service-providing.....		123.7	125.1	125.1	124.2	-0.7	186.7	191.2	194.4	192.4	-1.0	
Trade, transportation, and utilities.....		110.8	112.0	111.6	110.1	-1.3	154.2	158.9	161.3	158.6	-1.7	
Wholesale trade.....	42	111.0	110.8	111.6	109.9	-1.5	162.2	164.3	169.1	165.5	-2.1	
Durable goods.....	423	104.7	105.9	106.4	-	-	148.8	152.6	156.6	-	-	
Motor vehicles and parts.....	4231	101.5	101.5	99.0	-	-	136.0	137.7	140.4	-	-	
Motor vehicles.....	42311	101.4	104.9	103.7	-	-	140.4	154.5	164.1	-	-	
New motor vehicle parts.....	42312	96.7	93.1	91.2	-	-	125.4	123.1	120.2	-	-	
Furniture and furnishings.....	4232	101.2	101.7	103.8	-	-	140.0	143.7	148.3	-	-	
Lumber and construction supplies.....	4233	105.5	106.1	105.7	-	-	159.0	164.0	166.7	-	-	
Lumber and wood.....	42331	89.4	90.4	90.4	-	-	140.3	145.3	147.7	-	-	
Commercial equipment.....	4234	97.1	96.7	97.9	-	-	136.5	133.5	139.2	-	-	
Office equipment.....	42342	71.0	66.4	66.0	-	-	102.9	93.9	95.9	-	-	
Computer and software.....	42343	82.7	82.5	86.1	-	-	110.2	105.2	112.9	-	-	
Medical equipment.....	42345	136.7	132.5	133.3	-	-	211.4	205.7	214.4	-	-	
Miscellaneous professional and commercial equipment.....	42341,4,6,9	111.2	120.6	117.7	-	-	172.9	190.1	187.9	-	-	
Metals and minerals.....	4235	105.4	105.0	105.0	-	-	146.5	150.5	153.2	-	-	
Electric goods.....	4236	96.9	95.7	98.3	-	-	135.8	139.3	146.0	-	-	
Electrical equipment and wiring.....	42361	108.9	106.7	108.8	-	-	148.3	147.8	152.8	-	-	
Electric appliances and other electronic parts.....	42362,9	87.0	86.3	89.6	-	-	126.1	132.4	140.8	-	-	
Hardware and plumbing.....	4237	115.8	121.1	123.2	-	-	175.7	189.4	196.5	-	-	
Hardware.....	42371	112.4	117.3	119.1	-	-	175.5	184.5	189.3	-	-	
Plumbing equipment.....	42372	122.7	129.3	133.3	-	-	197.9	224.0	235.1	-	-	
HVAC and refrigeration equipment.....	42373,4	110.7	115.8	116.1	-	-	153.6	160.2	165.2	-	-	
Machinery and supplies.....	4238	107.6	111.0	110.7	-	-	158.1	166.3	167.7	-	-	
Construction equipment.....	42381	115.3	123.5	119.9	-	-	167.5	186.7	181.4	-	-	
Farm and garden equipment.....	42382	109.4	112.3	110.7	-	-	181.1	188.3	187.8	-	-	
Industrial machinery.....	42383	100.1	104.0	104.4	-	-	145.7	150.9	153.7	-	-	
Industrial supplies.....	42384	134.3	132.9	135.5	-	-	204.2	208.5	213.6	-	-	
Miscellaneous durable goods.....	4239	121.7	124.2	123.9	-	-	177.1	184.9	186.2	-	-	
Sporting goods.....	42391	112.7	119.5	113.1	-	-	166.4	182.1	174.8	-	-	
Recyclable materials.....	42393	125.6	129.8	131.0	-	-	174.6	191.0	193.2	-	-	
Nondurable goods.....	424	107.5	105.8	106.3	-	-	154.4	155.8	159.7	-	-	
Paper and paper products.....	4241	85.6	87.0	88.8	-	-	125.6	129.2	136.9	-	-	
Druggists' goods.....	4242	95.3	93.2	97.3	-	-	142.4	148.6	155.1	-	-	
Apparel and piece goods.....	4243	100.5	95.0	93.8	-	-	139.1	134.9	134.8	-	-	
Grocery and related products.....	4244	116.2	115.3	115.3	-	-	161.6	163.4	165.7	-	-	
General line grocery.....	42441	113.5	112.1	112.1	-	-	148.9	147.0	148.7	-	-	
Fruits and vegetables.....	42448	147.4	152.5	152.6	-	-	207.6	216.5	217.6	-	-	
Farm product raw materials.....	4245	114.8	100.6	102.5	-	-	179.4	159.6	167.4	-	-	
Chemicals.....	4246	104.5	111.2	111.4	-	-	153.4	164.4	165.4	-	-	
Petroleum.....	4247	103.6	97.5	94.9	-	-	161.8	144.6	142.0	-	-	
Alcoholic beverages.....	4248	151.0	153.5	153.1	-	-	205.5	215.5	222.5	-	-	
Misc. nondurable goods.....	4249	93.1	89.9	90.2	-	-	137.7	138.1	144.0	-	-	
Farm supplies.....	42491	113.5	117.5	119.0	-	-	169.3	183.8	189.1	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Nursery stock and florists' supplies.....	42493	75.2	69.2	68.1	-	-	109.0	99.9	101.7	-	-
Electronic markets and agents and brokers.....	425	155.2	153.4	157.5	-	-	241.8	238.2	250.1	-	-
Retail trade.....		104.1	106.1	104.2	102.7	-1.4	137.6	144.7	144.4	141.4	-2.1
Motor vehicle and parts dealers.....	441	114.7	115.6	115.4	-	-	139.6	149.4	151.2	-	-
Automobile dealers.....	4411	114.4	114.5	114.9	-	-	132.9	143.0	146.2	-	-
New car dealers.....	44111	108.7	108.5	109.2	-	-	126.3	136.1	139.1	-	-
Used car dealers.....	44112	188.2	190.3	190.0	-	-	250.4	259.8	272.7	-	-
Other motor vehicle dealers.....	4412	113.1	119.6	114.8	-	-	159.2	176.4	172.8	-	-
Auto parts, accessories, and tire stores.....	4413	116.1	117.1	116.4	-	-	159.2	165.3	163.2	-	-
Automotive parts and accessories stores.....	44131	111.6	112.8	112.2	-	-	160.3	167.3	164.6	-	-
Tire dealers.....	44132	124.9	126.1	124.5	-	-	156.7	161.9	160.4	-	-
Furniture and home furnishings stores.....	442	91.4	91.1	90.2	-	-	126.8	130.2	130.6	-	-
Furniture stores.....	4421	88.8	91.2	91.7	-	-	120.0	125.4	129.6	-	-
Home furnishings stores.....	4422	94.4	91.3	88.9	-	-	136.4	137.2	132.5	-	-
Floor covering stores.....	44221	77.9	79.5	75.9	-	-	117.2	121.3	113.4	-	-
Other home furnishings stores.....	44229	107.7	100.5	99.0	-	-	157.7	154.5	153.3	-	-
Electronics and appliance stores.....	443	98.6	97.7	98.0	-	-	138.9	139.9	141.3	-	-
Household appliance stores.....	443141	60.9	66.2	67.0	-	-	83.7	96.6	98.0	-	-
Electronics stores.....	443142	105.7	103.8	103.9	-	-	147.2	146.8	148.0	-	-
Building material and garden supply stores.....	444	100.4	104.4	103.2	-	-	133.8	142.9	143.6	-	-
Building material and supplies dealers.....	4441	99.0	102.5	101.8	-	-	131.3	140.0	141.2	-	-
Home centers.....	44411	111.3	115.6	115.3	-	-	142.3	154.9	154.5	-	-
Hardware stores.....	44413	88.9	90.7	87.3	-	-	120.9	126.5	126.6	-	-
Lawn and garden equipment and supplies stores... ..	4442	110.9	119.3	115.1	-	-	154.7	167.0	164.9	-	-
Food and beverage stores.....	445	93.4	97.0	95.2	-	-	115.4	123.1	122.4	-	-
Grocery stores.....	4451	94.2	97.5	95.8	-	-	117.0	124.1	123.4	-	-
Supermarkets and other grocery stores.....	44511	93.3	96.5	94.8	-	-	115.9	122.9	122.1	-	-
Convenience stores.....	44512	112.7	118.0	112.0	-	-	147.3	156.8	151.0	-	-
Specialty food stores.....	4452	78.1	84.8	81.4	-	-	93.1	105.4	103.5	-	-
Meat markets and fish and seafood markets.....	44521,2	100.8	106.7	101.5	-	-	125.3	134.8	129.3	-	-
Beer, wine, and liquor stores.....	4453	104.3	108.8	109.4	-	-	122.4	135.0	139.5	-	-
Health and personal care stores.....	446	106.7	105.2	105.9	-	-	159.1	159.7	162.6	-	-
Pharmacies and drug stores.....	44611	97.9	94.8	93.2	-	-	156.3	153.5	153.1	-	-
Cosmetic and beauty supply stores.....	44612	156.7	156.7	169.4	-	-	191.4	198.6	217.4	-	-
Optical goods stores.....	44613	130.3	137.4	137.5	-	-	178.8	190.1	194.8	-	-
Other health and personal care stores.....	44619	103.0	104.8	109.5	-	-	139.5	148.1	156.9	-	-
Gasoline stations.....	447	103.5	107.3	104.5	-	-	139.9	145.2	143.4	-	-
Gasoline stations with convenience stores.....	44711	108.3	112.4	109.2	-	-	147.5	153.5	150.8	-	-
Other gasoline stations.....	44719	77.9	80.3	78.8	-	-	104.4	107.9	109.0	-	-
Clothing and clothing accessories stores.....	448	90.9	95.5	88.4	-	-	125.6	134.1	129.6	-	-
Clothing stores.....	4481	91.8	96.5	88.2	-	-	123.1	131.1	125.5	-	-
Women's clothing stores.....	44812	108.6	104.8	99.3	-	-	135.7	131.1	126.0	-	-
Family clothing stores.....	44814	80.2	90.7	80.5	-	-	104.1	120.9	114.2	-	-
Clothing accessories stores.....	44815	119.9	131.1	121.8	-	-	178.1	193.7	191.9	-	-
Shoe stores.....	4482	106.5	116.1	109.7	-	-	173.5	185.4	183.8	-	-
Jewelry, luggage, and leather goods stores.....	4483	75.2	72.6	73.2	-	-	107.0	112.6	113.8	-	-
Sporting goods, hobby, book, and music stores.....	451	103.0	95.8	95.2	-	-	154.1	139.0	140.1	-	-
Sporting goods and musical instrument stores.....	4511	123.0	114.0	113.5	-	-	179.7	161.5	162.9	-	-
Sporting goods stores.....	45111	144.9	149.8	146.7	-	-	204.2	205.8	206.2	-	-
Book stores and news dealers.....	4512	42.7	40.4	38.7	-	-	66.5	61.6	59.8	-	-
General merchandise stores.....	452	119.1	122.6	119.2	-	-	157.1	173.1	169.5	-	-
Miscellaneous store retailers.....	453	84.9	84.9	83.3	-	-	108.2	110.9	110.3	-	-
Florists.....	4531	44.1	41.3	43.1	-	-	59.5	59.4	61.3	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Office supplies, stationery, and gift stores.....	4532	52.7	51.8	49.0	-	-	65.1	65.1	63.0	-	-
Office supplies and stationery stores.....	45321	47.6	50.2	45.9	-	-	56.5	57.6	55.9	-	-
Gift, novelty, and souvenir stores.....	45322	57.7	53.4	52.2	-	-	78.2	76.4	74.1	-	-
Used merchandise stores.....	4533	176.1	179.1	175.6	-	-	258.5	271.2	264.7	-	-
Other miscellaneous store retailers.....	4539	116.4	118.7	117.6	-	-	147.5	153.7	154.8	-	-
Pet and pet supplies stores.....	45391	179.3	182.0	180.3	-	-	244.0	254.6	259.6	-	-
Nonstore retailers.....	454	127.7	125.3	127.3	-	-	180.5	173.1	179.0	-	-
Electronic shopping and mail-order houses.....	4541	169.6	163.5	167.0	-	-	228.2	213.7	221.9	-	-
Transportation and warehousing.....		132.7	132.9	135.6	135.5	-0.1	181.4	185.0	189.8	190.2	0.2
Air transportation.....	481	76.6	73.8	76.8	-	-	167.5	157.8	167.2	-	-
Truck transportation.....	484	119.3	123.2	122.7	-	-	166.3	173.9	174.0	-	-
General freight trucking.....	4841	115.4	117.6	117.7	-	-	157.4	160.9	161.6	-	-
General freight trucking, local.....	48411	115.5	118.4	119.1	-	-	161.1	168.9	171.1	-	-
General freight trucking, long-distance.....	48412	115.5	117.3	117.1	-	-	156.3	158.4	158.5	-	-
General freight trucking, long-distance TL.....	484121	111.2	111.7	111.4	-	-	153.5	151.7	151.5	-	-
General freight trucking, long-distance LTL.....	484122	126.1	130.5	131.3	-	-	162.8	172.7	174.1	-	-
Specialized freight trucking.....	4842	129.5	137.7	136.3	-	-	192.1	210.9	211.2	-	-
Used household and office goods moving.....	48421	83.8	100.9	96.2	-	-	117.4	147.6	143.5	-	-
Other specialized trucking, local.....	48422	142.7	149.3	147.9	-	-	216.3	239.3	238.6	-	-
Other specialized trucking, long-distance.....	48423	146.4	149.8	150.4	-	-	206.4	211.3	214.6	-	-
Transit and ground passenger transportation.....	485	148.4	119.6	146.8	-	-	200.2	168.4	208.0	-	-
School and employee bus transportation.....	4854	162.1	88.5	159.2	-	-	222.6	125.6	237.8	-	-
Other ground passenger transportation.....	4859	199.5	204.5	212.3	-	-	253.1	266.4	275.5	-	-
Pipeline transportation.....	486	130.8	129.3	131.7	-	-	244.5	246.6	250.7	-	-
Support activities for transportation.....	488	134.6	137.7	138.3	-	-	170.7	180.8	182.9	-	-
Support activities for air transportation.....	4881	145.9	153.5	154.3	-	-	165.3	180.1	187.0	-	-
Airport operations.....	48811	150.7	160.7	156.2	-	-	143.6	158.8	159.4	-	-
Support activities for water transportation.....	4883	85.6	92.3	90.8	-	-	133.1	148.5	143.2	-	-
Support activities for road transportation.....	4884	162.5	155.4	156.9	-	-	174.6	177.1	176.5	-	-
Freight transportation arrangement.....	4885	138.4	142.7	144.1	-	-	194.3	202.2	208.1	-	-
Support activities for other transportation, including rail.....	4882,9	142.7	139.6	140.7	-	-	215.6	215.7	220.2	-	-
Couriers and messengers.....	492	167.7	172.5	177.1	-	-	206.4	220.9	228.5	-	-
Warehousing and storage.....	493	212.9	219.3	218.7	-	-	247.8	264.2	264.9	-	-
General warehousing and storage.....	49311	227.9	233.6	232.5	-	-	265.6	281.3	281.0	-	-
Utilities.....	22	97.5	95.8	96.4	97.2	0.8	148.2	146.6	149.6	150.4	0.5
Power generation and supply.....	2211	97.0	95.8	96.6	-	-	153.2	149.8	152.2	-	-
Electric power generation.....	22111	61.2	59.5	60.5	-	-	96.6	91.5	93.7	-	-
Fossil fuel electric power generation.....	221112	68.3	67.4	68.5	-	-	113.3	111.6	114.6	-	-
Electric power transmission and distribution.....	22112	153.8	152.8	153.6	-	-	253.6	252.4	255.8	-	-
Natural gas distribution.....	2212	92.5	89.7	89.8	-	-	130.2	136.2	141.5	-	-
Water, sewage and other systems.....	2213	116.0	116.3	113.9	-	-	145.9	146.7	145.6	-	-
Information.....	51	92.9	90.7	91.6	89.5	-2.3	143.0	142.7	148.1	143.8	-2.9
Publishing industries, except Internet.....	511	101.3	99.9	103.1	-	-	159.7	157.7	166.5	-	-
Newspaper, book, and directory publishers.....	5111	74.9	69.0	70.0	-	-	113.3	103.3	105.5	-	-
Newspaper publishers.....	51111	67.0	60.3	61.0	-	-	88.5	76.5	78.1	-	-
Periodical publishers.....	51112	91.8	87.6	89.5	-	-	153.3	143.6	146.9	-	-
Software publishers.....	5112	144.2	150.3	157.2	-	-	197.9	202.6	216.9	-	-
Motion picture and sound recording industries.....	512	91.4	91.2	87.1	-	-	108.8	106.7	108.3	-	-
Broadcasting, except Internet.....	515	83.7	81.0	82.3	-	-	128.1	131.2	135.9	-	-
Radio broadcasting.....	51511	86.0	83.1	85.9	-	-	136.8	146.3	158.5	-	-
Telecommunications.....	517	71.3	67.5	67.4	-	-	106.6	106.1	108.1	-	-
Wired and wireless telecommunications carriers.....	5173	77.5	73.3	73.4	-	-	115.3	116.2	118.3	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Data processing, hosting and related services.....	518	118.4	116.3	118.3	-	-	207.8	210.6	218.3	-	-
Other information services.....	519	257.5	263.7	267.4	-	-	415.5	417.5	440.5	-	-
Financial activities.....		116.6	116.7	118.4	115.5	-2.4	192.4	192.4	197.6	191.8	-2.9
Credit intermediation and related activities.....	522	110.2	108.5	110.8	-	-	181.3	180.7	185.3	-	-
Depository credit intermediation.....	5221	107.0	106.3	108.8	-	-	179.5	184.9	190.4	-	-
Commercial banking.....	52211	113.1	111.9	115.1	-	-	194.1	199.3	205.7	-	-
Savings institutions.....	52212	50.5	49.9	50.3	-	-	76.1	79.1	82.7	-	-
Credit unions and other depository credit intermediation.....	52213,9	132.0	133.3	134.9	-	-	214.4	223.3	227.7	-	-
Nondepository credit intermediation.....	5222	103.8	102.5	104.9	-	-	160.8	162.0	164.2	-	-
Consumer lending.....	522291	110.9	105.0	107.4	-	-	146.5	145.1	144.4	-	-
Real estate credit.....	522292	101.3	99.9	103.0	-	-	149.1	143.2	147.4	-	-
Activities related to credit intermediation.....	5223	150.2	142.2	143.5	-	-	255.5	218.0	225.2	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	134.6	129.8	133.7	-	-	246.9	232.6	241.6	-	-
Securities brokerage.....	52312	111.9	107.5	109.4	-	-	191.9	190.2	191.2	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	106.3	100.8	103.4	-	-	203.9	180.5	185.7	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	181.9	178.4	184.9	-	-	316.6	317.2	333.1	-	-
Portfolio management.....	52392	176.4	170.4	177.1	-	-	326.8	317.2	337.8	-	-
Investment advice.....	52393	233.1	233.5	242.2	-	-	375.4	409.1	425.1	-	-
Insurance carriers and related activities.....	524	119.8	118.2	119.8	-	-	184.1	183.6	188.1	-	-
Insurance carriers.....	5241	105.9	105.2	105.8	-	-	164.6	165.0	168.2	-	-
Direct life and health insurance carriers.....	52411	112.7	113.0	113.2	-	-	181.0	184.9	189.8	-	-
Direct insurers, except life and health.....	52412	99.2	97.3	98.8	-	-	146.7	144.1	146.1	-	-
Reinsurance carriers.....	52413	95.1	91.9	93.3	-	-	227.6	204.8	218.1	-	-
Insurance agencies, brokerages, and related services.....	5242	147.8	144.1	146.9	-	-	227.8	225.0	231.1	-	-
Insurance agencies and brokerages.....	52421	144.6	141.1	144.0	-	-	220.8	218.5	223.9	-	-
Other insurance-related activities.....	52429	154.8	151.3	154.6	-	-	242.9	240.1	248.2	-	-
Third-party administration of insurance funds.....	524292	145.7	146.2	148.1	-	-	233.8	238.7	247.8	-	-
Real estate.....	531	124.1	127.8	127.6	-	-	206.8	213.4	215.4	-	-
Lessors of real estate.....	5311	96.7	100.0	99.7	-	-	158.6	169.4	169.6	-	-
Lessors of residential buildings.....	53111	91.9	93.3	92.4	-	-	145.3	149.8	149.6	-	-
Lessors of nonresidential buildings.....	53112	94.0	97.5	98.3	-	-	180.8	198.1	200.5	-	-
Offices of real estate agents and brokers.....	5312	116.8	116.4	117.5	-	-	205.3	204.5	207.2	-	-
Activities related to real estate.....	5313	167.4	174.8	173.4	-	-	265.6	272.1	275.0	-	-
Real estate property managers.....	53131	169.4	177.7	176.3	-	-	266.9	277.8	279.5	-	-
Residential property managers.....	531311	179.2	190.3	186.5	-	-	277.3	298.1	295.6	-	-
Nonresidential property managers.....	531312	146.1	148.4	152.6	-	-	246.5	240.2	249.8	-	-
Rental and leasing services.....	532	97.3	108.8	109.8	-	-	157.6	180.0	188.3	-	-
Home health equipment rental.....	532283	119.5	121.1	119.9	-	-	127.3	133.3	131.7	-	-
General rental centers.....	5323	63.4	60.5	62.5	-	-	64.6	63.8	65.5	-	-
Machinery and equipment rental and leasing.....	5324	157.5	183.7	192.2	-	-	267.9	323.0	354.5	-	-
Heavy machinery rental and leasing.....	53241	138.9	184.7	189.3	-	-	274.1	356.6	373.5	-	-
Office equipment and other machinery rental and leasing.....	53242,9	183.6	182.5	196.8	-	-	259.0	277.4	329.3	-	-
Professional and business services.....		136.9	137.7	138.9	138.2	-0.5	214.0	217.7	223.4	219.8	-1.6
Professional and technical services.....	54	146.6	146.5	149.6	-	-	233.4	235.6	244.3	-	-
Legal services.....	5411	106.2	102.5	105.7	-	-	162.5	161.7	170.5	-	-
Offices of lawyers.....	54111	104.2	100.5	103.9	-	-	160.0	159.3	168.5	-	-
Other legal services.....	54119	133.6	130.2	132.5	-	-	216.1	213.4	219.0	-	-
Title abstract and settlement offices.....	541191	116.0	113.9	116.0	-	-	164.4	165.1	172.2	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Accounting and bookkeeping services.....	5412	113.4	110.0	113.6	-	-	182.4	181.3	190.2	-	-
Offices of certified public accountants.....	541211	129.1	122.8	129.1	-	-	193.2	185.2	198.6	-	-
Payroll services.....	541214	135.5	139.2	136.9	-	-	218.8	237.8	237.7	-	-
Architectural and engineering services.....	5413	118.4	119.5	119.4	-	-	187.1	190.6	193.2	-	-
Architectural services.....	54131	110.0	111.4	111.0	-	-	167.8	170.9	174.7	-	-
Landscape architectural services.....	54132	78.5	84.9	87.1	-	-	129.4	144.7	149.1	-	-
Engineering and drafting services.....	54133,4	123.9	124.4	124.3	-	-	196.4	198.0	200.8	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	98.0	103.7	101.7	-	-	161.5	173.9	171.5	-	-
Testing laboratories.....	54138	121.5	120.6	120.7	-	-	175.1	183.7	185.0	-	-
Specialized design services.....	5414	118.2	117.8	123.8	-	-	207.7	206.1	222.1	-	-
Graphic design services.....	54143	100.7	93.9	96.7	-	-	183.2	169.1	179.3	-	-
Computer systems design and related services.....	5415	191.0	189.1	194.6	-	-	280.2	280.8	291.2	-	-
Custom computer programming services.....	541511	182.6	180.5	185.1	-	-	263.4	263.5	270.2	-	-
Computer systems design services.....	541512	235.0	232.3	238.6	-	-	329.6	327.6	341.9	-	-
Management and technical consulting services.....	5416	240.3	246.4	250.2	-	-	367.3	374.1	389.0	-	-
Management consulting services.....	54161	239.2	247.0	250.9	-	-	353.6	364.6	379.2	-	-
Administrative management consulting services..	541611	268.7	280.9	283.7	-	-	431.3	445.2	459.2	-	-
Marketing consulting services.....	541613	410.7	417.8	432.0	-	-	587.8	606.4	650.9	-	-
Process and logistics consulting services.....	541614	216.9	230.6	237.2	-	-	274.1	281.8	295.0	-	-
Scientific research and development services.....	5417	139.5	144.2	144.4	-	-	238.0	243.8	248.6	-	-
Research and development in the physical, engineering, and life sciences.....	54171	146.2	151.0	151.6	-	-	250.4	255.5	261.1	-	-
Research and development in nanotechnology. ..	541713	164.6	187.2	184.8	-	-	274.5	334.2	321.6	-	-
Research and development in biotechnology, except nanobiotechnology.....	541714	179.1	183.7	186.1	-	-	291.5	299.0	306.7	-	-
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology.....	541715	134.8	138.6	138.9	-	-	237.3	238.9	245.0	-	-
Social science and humanities research.....	54172	87.4	91.4	89.4	-	-	130.1	141.3	140.9	-	-
Advertising and related services.....	5418	128.6	126.3	132.0	-	-	210.2	207.7	222.0	-	-
Advertising agencies.....	54181	147.3	140.2	148.1	-	-	229.8	217.5	231.7	-	-
Public relations agencies.....	54182	134.1	142.9	154.6	-	-	215.9	238.6	263.9	-	-
Advertising material distribution and other advertising services.....	54187,9	148.2	148.8	151.6	-	-	235.5	248.1	256.2	-	-
Other professional and technical services.....	5419	171.6	177.1	179.8	-	-	294.0	309.5	319.7	-	-
Marketing research and public opinion polling.....	54191	86.8	87.9	93.2	-	-	145.3	150.8	162.1	-	-
Photographic services.....	54192	73.6	58.1	61.3	-	-	121.1	99.4	111.3	-	-
Veterinary services.....	54194	174.3	180.1	178.1	-	-	278.1	280.9	280.7	-	-
Miscellaneous professional and technical services..	54193,9	445.3	488.2	502.0	-	-	805.9	918.9	952.7	-	-
Management of companies and enterprises.....	55	127.3	128.8	128.4	-	-	220.3	225.7	229.1	-	-
Offices of bank holding companies and of other holding companies.....	55111,2	99.7	110.8	110.1	-	-	168.3	189.6	190.8	-	-
Managing offices.....	551114	128.8	129.5	129.2	-	-	223.7	227.7	231.3	-	-
Administrative and waste services.....	56	130.9	132.3	132.2	-	-	184.9	190.3	192.3	-	-
Administrative and support services.....	561	131.0	131.7	132.1	-	-	186.1	189.9	192.6	-	-
Office administrative services.....	5611	199.0	195.6	193.9	-	-	347.2	346.4	353.3	-	-
Facilities support services.....	5612	159.5	152.3	155.8	-	-	178.0	174.5	180.1	-	-
Employment services.....	5613	124.4	123.4	123.4	-	-	168.9	168.9	171.1	-	-
Employment placement agencies and executive search services.....	56131	109.6	114.1	116.2	-	-	180.0	172.8	178.5	-	-
Temporary help services.....	56132	151.2	148.6	148.6	-	-	204.0	204.2	207.0	-	-
Professional employer organizations.....	56133	51.0	51.8	51.9	-	-	67.3	69.0	69.0	-	-
Business support services.....	5614	132.7	130.3	132.2	-	-	193.2	192.5	196.4	-	-
Telephone call centers.....	56142	172.6	165.4	167.3	-	-	269.4	261.9	264.0	-	-
Business service centers.....	56143	92.3	88.7	91.1	-	-	129.3	120.9	124.1	-	-

See footnotes at end of table.



**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Collection agencies.....	56144	87.0	88.5	88.4	-	-	123.8	126.9	129.7	-	-
Travel arrangement and reservation services.....	5615	91.9	87.1	88.0	-	-	153.4	144.4	145.5	-	-
Travel agencies.....	56151	76.2	69.3	68.3	-	-	101.2	96.7	95.7	-	-
Investigation and security services.....	5616	130.2	130.9	132.1	-	-	194.8	205.7	209.1	-	-
Security and armored car services.....	56161	127.2	127.0	128.5	-	-	187.6	194.4	199.0	-	-
Security systems services.....	56162	148.7	157.9	157.0	-	-	225.0	257.0	254.3	-	-
Services to buildings and dwellings.....	5617	141.8	149.4	147.3	-	-	202.1	219.4	217.7	-	-
Exterminating and pest control services.....	56171	168.9	170.8	170.0	-	-	260.9	252.1	257.0	-	-
Janitorial services.....	56172	129.1	132.3	132.9	-	-	178.8	186.8	188.9	-	-
Landscaping services.....	56173	158.6	171.0	165.2	-	-	225.7	254.7	247.0	-	-
Carpet and upholstery cleaning services.....	56174	99.3	104.6	102.6	-	-	137.0	155.2	154.0	-	-
Other services to buildings and dwellings.....	56179	127.6	147.2	146.6	-	-	164.1	189.0	195.8	-	-
Other support services.....	5619	112.4	116.9	120.8	-	-	151.0	159.3	167.1	-	-
Packaging and labeling services.....	56191	125.6	123.4	127.1	-	-	192.2	187.8	195.7	-	-
Convention and trade show organizers.....	56192	107.6	105.0	110.6	-	-	118.4	118.5	128.9	-	-
All other support services.....	56199	109.4	118.7	121.9	-	-	157.8	174.4	180.4	-	-
Waste management and remediation services.....	562	130.1	137.8	139.8	-	-	171.3	190.4	193.0	-	-
Waste collection.....	5621	168.5	176.1	179.6	-	-	224.8	240.3	249.2	-	-
Waste treatment and disposal.....	5622	87.9	91.0	92.8	-	-	135.1	142.4	145.9	-	-
Remediation and other waste services.....	5629	136.3	149.2	150.0	-	-	163.2	197.0	193.9	-	-
Education and health services.....		142.6	141.3	144.2	144.4	0.1	218.1	221.0	226.1	226.3	0.1
Health care and social assistance.....	62	143.7	145.1	146.5	-	-	221.6	229.3	232.4	-	-
Health care <sup>5</sup> .....	621,2,3	139.3	141.1	142.4	-	-	220.3	228.5	231.2	-	-
Ambulatory health care services.....	621	163.0	164.5	165.9	-	-	256.1	263.1	266.7	-	-
Offices of physicians.....	6211	140.1	142.0	143.4	-	-	253.8	260.8	264.9	-	-
Offices of physicians, except mental health.....	621111	140.4	142.1	143.5	-	-	255.0	262.1	266.3	-	-
Offices of mental health physicians.....	621112	127.2	139.4	136.1	-	-	193.7	198.2	181.3	-	-
Offices of dentists.....	6212	127.0	126.7	125.7	-	-	181.2	184.2	183.1	-	-
Offices of other health practitioners.....	6213	180.5	185.9	186.5	-	-	264.8	276.1	279.1	-	-
Offices of chiropractors.....	62131	134.9	139.0	136.7	-	-	194.3	200.5	192.4	-	-
Offices of optometrists.....	62132	151.6	163.5	165.1	-	-	235.2	248.6	250.8	-	-
Offices of mental health practitioners.....	62133	146.7	147.4	148.5	-	-	182.2	177.5	178.5	-	-
Offices of specialty therapists.....	62134	201.1	204.3	208.2	-	-	295.2	310.2	320.9	-	-
Offices of all other health practitioners.....	62139	251.6	260.2	255.7	-	-	349.1	365.3	362.5	-	-
Outpatient care centers.....	6214	217.8	225.7	226.3	-	-	337.5	362.3	364.4	-	-
Outpatient mental health centers.....	62142	177.1	178.4	182.9	-	-	237.3	249.9	259.3	-	-
Outpatient care centers, except mental health.....	62141,9	236.1	247.5	246.2	-	-	376.5	406.8	405.7	-	-
Freestanding emergency medical centers.....	621493	254.2	271.3	267.6	-	-	389.3	424.0	421.0	-	-
Miscellaneous outpatient care centers.....	621410,98	235.3	248.0	250.2	-	-	376.4	404.2	408.3	-	-
Medical and diagnostic laboratories.....	6215	162.3	159.4	160.4	-	-	235.5	240.9	244.5	-	-
Medical laboratories.....	621511	164.2	162.9	163.7	-	-	240.4	247.9	248.6	-	-
Diagnostic imaging centers.....	621512	158.0	150.2	152.1	-	-	224.3	223.7	235.2	-	-
Home health care services.....	6216	216.2	216.3	219.0	-	-	288.8	290.0	295.3	-	-
Other ambulatory health care services.....	6219	168.6	158.7	159.9	-	-	271.6	262.1	266.3	-	-
Ambulance services.....	62191	167.2	158.2	161.3	-	-	254.1	255.7	263.5	-	-
All other ambulatory health care services.....	62199	170.7	160.1	158.2	-	-	293.1	270.7	270.3	-	-
Hospitals.....	622	128.1	131.3	131.7	-	-	211.0	221.7	222.5	-	-
General medical and surgical hospitals.....	6221	125.8	128.4	128.7	-	-	208.0	217.5	218.1	-	-
Nursing and residential care facilities.....	623	120.8	121.2	123.8	-	-	166.9	171.1	177.6	-	-
Nursing care facilities.....	6231	103.0	102.8	105.4	-	-	144.2	146.0	151.8	-	-
Residential mental health facilities.....	6232	132.6	134.7	137.3	-	-	186.1	196.0	204.4	-	-
Residential intellectual and developmental disability facilities.....	62321	122.9	124.7	125.9	-	-	165.3	173.1	177.1	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: Sept. 2018 - Oct. 2018 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2017	Aug. 2018	Sept. 2018 <sup>P</sup>	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>	
Residential mental health and substance abuse facilities.....	62322	154.0	157.1	163.0	-	-	226.9	241.1	258.3	-	-	
Community care facilities for the elderly.....	6233	169.5	170.6	173.8	-	-	237.3	245.9	253.7	-	-	
Continuing care retirement communities.....	623311	205.9	206.2	207.1	-	-	291.6	299.4	305.2	-	-	
Assisted living facilities for the elderly.....	623312	139.7	141.0	145.8	-	-	188.1	196.6	205.8	-	-	
Other residential care facilities.....	6239	101.3	99.6	101.6	-	-	135.8	135.5	141.6	-	-	
Social assistance.....	624	169.8	167.9	171.4	-	-	234.9	237.5	245.9	-	-	
Individual and family services.....	6241	227.8	229.2	232.2	-	-	304.6	315.4	323.5	-	-	
Child and youth services.....	62411	134.4	136.6	139.2	-	-	194.1	200.1	205.4	-	-	
Services for the elderly and persons with disabilities.....	62412	291.3	293.8	296.1	-	-	398.6	416.3	424.3	-	-	
Other individual and family services.....	62419	145.1	144.3	148.5	-	-	211.7	214.2	223.6	-	-	
Emergency and other relief services.....	6242	139.4	145.0	149.0	-	-	210.6	222.1	228.3	-	-	
Vocational rehabilitation services.....	6243	95.9	96.3	95.7	-	-	132.4	132.9	132.5	-	-	
Child day care services.....	6244	133.4	124.4	131.1	-	-	185.2	174.4	189.3	-	-	
Leisure and hospitality.....		130.4	140.3	132.6	130.0	-2.0	199.8	219.9	210.4	208.1	-1.1	
Arts, entertainment, and recreation.....	71	115.4	138.5	116.6	-	-	168.3	193.1	174.2	-	-	
Performing arts and spectator sports.....	711	129.9	131.5	133.0	-	-	210.4	208.1	214.4	-	-	
Performing arts companies.....	7111	121.0	110.1	114.6	-	-	236.0	192.2	208.9	-	-	
Spectator sports.....	7112	101.3	124.6	118.0	-	-	157.1	183.0	174.5	-	-	
Arts and sports promoters and agents and managers for public figures.....	7113,4	191.7	177.6	185.7	-	-	267.4	276.1	284.8	-	-	
Independent artists, writers, and performers.....	7115	140.0	128.2	137.4	-	-	239.2	219.0	247.8	-	-	
Museums, historical sites, and similar institutions.....	712	137.2	155.3	144.3	-	-	190.8	210.2	202.5	-	-	
Museums.....	71211	121.2	129.6	125.3	-	-	167.9	173.4	171.1	-	-	
Historical sites and other similar institutions.....	71212,3,9	162.4	197.2	174.8	-	-	237.0	286.9	267.3	-	-	
Amusements, gambling, and recreation.....	713	109.2	138.7	109.7	-	-	147.9	184.4	154.8	-	-	
Gambling industries.....	7132	91.2	88.6	86.9	-	-	147.5	144.7	142.3	-	-	
Golf courses and country clubs.....	71391	121.4	155.2	133.1	-	-	168.9	217.4	193.2	-	-	
Skiing facilities.....	71392	68.1	103.8	82.4	-	-	122.1	183.3	153.9	-	-	
Marinas.....	71393	120.8	167.3	132.5	-	-	177.5	228.9	206.1	-	-	
Fitness and recreational sports centers.....	71394	104.4	128.0	108.6	-	-	129.5	154.8	135.9	-	-	
Bowling centers.....	71395	75.4	69.1	74.1	-	-	102.8	98.3	106.9	-	-	
Accommodation and food services.....	72	132.9	140.6	135.1	-	-	207.5	226.4	218.6	-	-	
Accommodation.....	721	113.8	126.8	117.4	-	-	165.4	184.9	175.1	-	-	
Traveler accommodation.....	7211	113.2	121.9	115.7	-	-	164.8	178.7	173.0	-	-	
Hotels and motels, except casino hotels.....	72111	117.6	125.8	118.6	-	-	173.7	186.9	179.7	-	-	
RV parks and recreational camps.....	7212	142.4	348.5	190.0	-	-	197.2	474.9	267.5	-	-	
Food services and drinking places.....	722	137.5	143.9	139.4	-	-	220.5	238.8	231.9	-	-	
Special food services.....	7223	146.9	144.8	160.0	-	-	214.0	219.9	243.4	-	-	
Food service contractors.....	72231	150.5	143.9	163.4	-	-	208.6	211.1	239.4	-	-	
Caterers and mobile food services.....	72232,3	134.6	148.2	147.9	-	-	232.7	252.6	257.2	-	-	
Drinking places, alcoholic beverages.....	7224	103.4	105.8	105.9	-	-	199.2	215.6	211.0	-	-	
Restaurants and other eating places.....	7225	138.5	145.8	139.7	-	-	222.1	242.0	232.3	-	-	
Full-service restaurants.....	722511	133.0	140.2	133.8	-	-	224.2	244.9	232.6	-	-	
Limited-service restaurants.....	722513	142.3	148.4	143.1	-	-	215.3	231.3	225.3	-	-	
Cafeterias, grill buffets, and buffets.....	722514	78.9	75.3	78.6	-	-	106.7	108.3	113.6	-	-	
Snack and nonalcoholic beverage bars.....	722515	211.2	230.8	215.8	-	-	319.7	361.5	345.2	-	-	
Other services.....	81	103.7	106.5	105.5	105.6	0.1	154.0	159.1	159.5	159.7	0.1	
Repair and maintenance.....	811	108.3	109.7	109.5	-	-	157.2	161.2	162.9	-	-	
Automotive repair and maintenance.....	8111	105.6	105.8	105.1	-	-	153.5	153.8	155.1	-	-	
Automotive mechanical and electrical repair.....	81111	100.1	100.1	100.6	-	-	141.9	141.4	143.8	-	-	
General automotive repair.....	811111	113.6	114.4	115.3	-	-	159.3	159.2	162.6	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not 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>
Automotive body, interior, and glass repair.....	81112	107.8	106.1	105.8	-	-	165.2	160.3	159.9	-	-
Other automotive repair and maintenance.....	81119	113.8	117.2	113.7	-	-	163.3	179.0	180.6	-	-
Car washes.....	811192	124.4	133.0	126.6	-	-	180.6	200.2	196.4	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	99.0	95.1	95.7	-	-	142.9	153.5	161.8	-	-
Electronic equipment repair and maintenance.....	8112	97.7	99.8	101.0	-	-	143.4	143.4	146.3	-	-
Computer and office machine repair.....	811212	88.6	98.5	101.4	-	-	123.9	126.7	129.3	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	105.4	101.0	100.9	-	-	159.3	157.0	160.2	-	-
Commercial machinery repair and maintenance.....	8113	140.2	145.3	145.3	-	-	201.5	220.9	224.1	-	-
Household goods repair and maintenance.....	8114	86.9	91.5	93.1	-	-	111.3	118.8	120.1	-	-
Personal and laundry services.....	812	108.6	113.2	112.3	-	-	154.2	164.1	161.7	-	-
Personal care services.....	8121	126.6	134.4	131.0	-	-	189.0	199.8	191.1	-	-
Hair, nail, and skin care services.....	81211	117.5	127.1	123.4	-	-	170.1	181.5	172.0	-	-
Other personal care services.....	81219	201.5	189.6	192.8	-	-	355.5	352.3	356.1	-	-
Death care services.....	8122	94.6	94.2	94.1	-	-	138.3	139.4	136.8	-	-
Drycleaning and laundry services.....	8123	80.8	80.5	80.2	-	-	107.5	112.7	113.6	-	-
Coin-operated laundries and drycleaners.....	81231	76.1	64.5	66.5	-	-	87.8	77.2	81.0	-	-
Drycleaning and laundry services, except coin-operated.....	81232	62.9	59.9	59.8	-	-	86.8	87.9	88.2	-	-
Linen and uniform supply.....	81233	105.2	111.9	110.1	-	-	132.3	145.9	146.0	-	-
Other personal services.....	8129	130.1	141.4	144.0	-	-	168.7	191.9	197.2	-	-
Pet care services, except veterinary.....	81291	363.9	397.8	387.6	-	-	405.6	468.0	455.1	-	-
Parking lots and garages.....	81293	125.3	134.1	137.6	-	-	182.9	192.4	203.2	-	-
Membership associations and organizations.....	813	99.6	101.7	101.0	-	-	153.0	156.0	157.7	-	-
Grantmaking and giving services.....	8132	148.1	148.5	152.9	-	-	272.9	280.2	299.6	-	-
Grantmaking foundations.....	813211	261.9	254.7	266.2	-	-	479.5	460.3	501.1	-	-
Social advocacy organizations.....	8133	128.3	127.2	129.8	-	-	228.6	230.5	243.4	-	-
Human rights organizations.....	813311	112.2	110.9	112.9	-	-	193.0	202.4	209.7	-	-
Environment, conservation, and other social advocacy organizations.....	813312,9	133.4	132.4	134.9	-	-	241.4	240.5	254.9	-	-
Civic and social organizations.....	8134	83.2	91.5	77.8	-	-	126.1	133.7	121.6	-	-
Professional and similar organizations.....	8139	101.1	108.7	110.5	-	-	157.5	167.8	172.6	-	-
Business associations.....	81391	100.3	97.3	102.1	-	-	166.0	157.0	162.9	-	-
Professional organizations.....	81392	149.1	150.2	153.8	-	-	231.7	230.0	239.1	-	-
Labor unions and similar labor organizations.....	81393	85.8	88.6	92.2	-	-	128.4	137.7	145.5	-	-
Miscellaneous professional and similar organizations.....	81394,9	95.9	117.5	115.5	-	-	148.7	190.2	186.8	-	-

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

<sup>5</sup> Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

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