

**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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Total private.....		113.1	114.7	114.7	115.3	0.5	164.1	169.8	170.5	171.3	0.5
Goods-producing.....		89.1	91.0	90.7	91.0	0.3	124.3	129.4	129.5	129.9	0.3
Mining and logging.....		110.0	124.5	126.9	125.1	-1.4	174.0	200.9	204.3	201.8	-1.2
Logging.....	1133	76.8	72.4	70.5	-	-	110.4	99.6	99.2	-	-
Mining.....	21	114.6	131.2	134.5	-	-	181.6	212.2	216.1	-	-
Oil and gas extraction.....	211	141.4	142.4	147.7	-	-	255.6	255.6	262.0	-	-
Mining, except oil and gas.....	212	83.7	86.1	84.9	-	-	119.9	123.8	122.2	-	-
Coal mining.....	2121	63.7	70.3	69.3	-	-	93.1	105.0	103.2	-	-
Stone mining and quarrying.....	21231	85.4	85.2	84.7	-	-	118.6	118.9	121.9	-	-
Crushed and broken limestone mining.....	212312	78.1	80.8	81.4	-	-	113.6	115.6	119.6	-	-
Other stone mining and quarrying.....	212311,3,9	94.8	90.1	88.5	-	-	126.4	121.6	124.2	-	-
Support activities for mining.....	213	138.6	177.9	187.5	-	-	227.4	310.0	323.9	-	-
Support activities for oil and gas operations.....	213112	150.9	195.5	209.6	-	-	272.0	371.7	396.9	-	-
Construction.....	23	100.3	102.5	102.1	102.1	0.0	142.4	148.4	149.1	148.2	-0.6
Construction of buildings.....	236	91.9	92.6	92.2	-	-	133.0	136.2	138.0	-	-
Residential building.....	2361	89.5	86.9	87.1	-	-	126.4	123.7	124.1	-	-
New single-family general contractors.....	236115	67.4	66.2	64.9	-	-	95.2	94.9	93.3	-	-
Residential remodelers.....	236118	130.2	125.1	127.8	-	-	180.0	168.6	172.9	-	-
Nonresidential building.....	2362	94.6	97.7	96.4	-	-	138.8	146.2	148.5	-	-
Industrial building.....	23621	85.3	94.4	93.4	-	-	128.2	143.9	147.0	-	-
Commercial building.....	23622	98.2	98.6	97.8	-	-	142.6	145.9	148.7	-	-
Heavy and civil engineering construction.....	237	101.1	105.9	105.0	-	-	156.8	169.6	169.3	-	-
Utility system construction.....	2371	125.6	130.4	129.6	-	-	205.7	214.9	217.9	-	-
Water and sewer system construction.....	23711	101.4	102.6	100.0	-	-	141.4	149.8	148.6	-	-
Oil and gas pipeline construction.....	23712	159.2	180.7	182.4	-	-	299.0	348.4	354.4	-	-
Power and communication system construction.....	23713	135.7	134.1	133.4	-	-	229.4	218.2	225.3	-	-
Land subdivision.....	2372	22.7	29.9	30.5	-	-	45.1	51.5	52.5	-	-
Highway, street, and bridge construction.....	2373	91.9	97.1	96.2	-	-	130.6	140.5	138.4	-	-
Other heavy construction.....	2379	87.9	92.3	88.9	-	-	138.3	173.5	163.6	-	-
Specialty trade contractors.....	238	102.9	105.1	104.5	-	-	141.6	147.1	147.1	-	-
Building foundation and exterior contractors.....	2381	96.7	97.3	96.6	-	-	129.9	133.4	132.9	-	-
Poured concrete structure contractors.....	23811	120.2	123.9	120.9	-	-	176.7	183.4	181.2	-	-
Steel and precast concrete contractors.....	23812	95.0	92.6	92.3	-	-	129.2	123.9	122.8	-	-
Framing contractors.....	23813	64.1	68.2	67.9	-	-	76.9	83.7	84.4	-	-
Masonry contractors.....	23814	69.8	66.3	65.8	-	-	90.4	90.1	91.2	-	-
Glass and glazing contractors.....	23815	125.8	126.0	126.4	-	-	167.1	165.5	165.9	-	-
Roofing contractors.....	23816	109.9	113.6	111.9	-	-	150.1	162.6	160.9	-	-
Siding contractors.....	23817	113.2	109.6	107.8	-	-	192.1	180.0	171.2	-	-
Other building exterior contractors.....	23819	135.6	113.3	127.0	-	-	165.9	148.8	162.5	-	-
Building equipment contractors.....	2382	111.2	112.3	111.8	-	-	152.3	155.4	155.0	-	-
Electrical contractors.....	23821	99.9	98.4	98.1	-	-	140.0	138.2	138.2	-	-
Plumbing and HVAC contractors.....	23822	120.7	124.9	124.4	-	-	163.1	171.1	171.1	-	-
Other building equipment contractors.....	23829	135.2	132.3	131.7	-	-	179.6	177.9	177.2	-	-
Building finishing contractors.....	2383	86.9	89.9	89.5	-	-	118.9	128.3	129.3	-	-
Drywall and insulation contractors.....	23831	75.0	76.0	74.0	-	-	105.6	112.8	113.2	-	-
Painting and wall covering contractors.....	23832	90.1	93.9	94.8	-	-	115.2	122.5	124.5	-	-
Flooring contractors.....	23833	88.9	94.2	94.3	-	-	122.8	141.2	136.3	-	-
Tile and terrazzo contractors.....	23834	102.9	109.2	111.7	-	-	153.4	187.7	192.7	-	-
Finish carpentry contractors.....	23835	98.6	102.3	97.4	-	-	137.9	145.4	139.9	-	-
Other building finishing contractors.....	23839	104.3	107.5	112.8	-	-	153.6	155.1	165.0	-	-
Other specialty trade contractors.....	2389	112.5	117.4	117.7	-	-	157.5	168.0	169.8	-	-
Site preparation contractors.....	23891	112.9	118.4	120.4	-	-	158.8	168.2	172.7	-	-
All other specialty trade contractors.....	23899	111.4	114.7	113.4	-	-	155.6	166.1	164.3	-	-
Manufacturing.....		83.2	84.2	84.1	84.5	0.5	112.2	115.3	115.4	116.4	0.9

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Durable goods.....		84.2	85.0	84.8	85.3	0.6	113.6	116.4	116.5	117.5	0.9
Wood products.....	321	71.3	72.6	72.0	73.1	1.5	98.0	103.3	102.1	105.0	2.8
Sawmills and wood preservation.....	3211	74.0	75.6	72.7	-	-	100.6	101.9	98.7	-	-
Plywood and engineered wood products.....	3212	68.8	66.5	66.5	-	-	96.5	98.5	99.1	-	-
Other wood products.....	3219	72.0	73.8	74.0	-	-	98.4	106.1	105.3	-	-
Millwork.....	32191	66.3	64.7	65.0	-	-	90.0	92.2	90.9	-	-
Wood windows and doors.....	321911	62.7	66.9	69.9	-	-	91.8	102.1	104.4	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	68.3	62.1	60.4	-	-	87.2	82.1	78.4	-	-
Wood containers and pallets.....	32192	95.2	107.2	104.8	-	-	144.3	168.0	167.0	-	-
All other wood products.....	32199	65.4	65.9	66.5	-	-	86.0	94.0	92.5	-	-
Nonmetallic mineral products.....	327	76.0	77.2	78.9	79.2	0.4	100.3	101.6	105.3	105.9	0.6
Cement and concrete products.....	3273	85.5	84.3	86.7	-	-	113.8	110.7	117.1	-	-
Ready-mix concrete.....	32732	78.4	78.8	83.6	-	-	103.4	106.0	116.0	-	-
Other cement and concrete products.....	32731,3,9	94.3	91.1	90.9	-	-	128.8	117.2	119.5	-	-
Primary metals.....	331	76.4	77.4	78.9	78.5	-0.5	100.6	101.3	103.2	103.5	0.3
Foundries.....	3315	63.9	63.3	63.4	-	-	81.7	80.5	80.7	-	-
Fabricated metal products.....	332	94.0	97.0	96.2	97.1	0.9	126.7	133.5	133.1	134.1	0.8
Forging and stamping.....	3321	91.7	94.0	91.4	-	-	122.4	125.9	123.2	-	-
Architectural and structural metals.....	3323	95.5	92.8	92.7	-	-	126.9	126.6	125.8	-	-
Plate work and fabricated structural products.....	33231	93.0	91.1	89.9	-	-	128.9	127.6	125.6	-	-
Fabricated structural metal products.....	332312	98.1	95.6	95.1	-	-	136.9	135.4	133.2	-	-
Ornamental and architectural metal products.....	33232	98.0	94.6	95.4	-	-	126.1	126.6	126.7	-	-
Sheet metal work.....	332322	112.5	110.8	110.7	-	-	142.7	144.0	144.2	-	-
Boilers, tanks, and shipping containers.....	3324	96.5	98.3	98.5	-	-	128.9	133.6	136.4	-	-
Machine shops and threaded products.....	3327	114.6	120.7	121.2	-	-	149.7	164.0	165.8	-	-
Machine shops.....	33271	123.6	134.0	133.8	-	-	163.0	181.7	183.5	-	-
Turned products and screws, nuts, and bolts.....	33272	92.2	88.8	90.5	-	-	114.8	119.4	120.6	-	-
Coating, engraving, and heat treating metals.....	3328	93.7	96.0	94.3	-	-	124.3	132.2	130.5	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	113.3	117.2	115.1	-	-	148.7	149.1	148.4	-	-
Electroplating, anodizing, and coloring metals.....	332813	76.5	79.0	76.4	-	-	102.0	118.0	112.9	-	-
Other fabricated metal products.....	3329	93.9	103.4	102.2	-	-	132.5	145.4	145.7	-	-
Metal valves.....	33291	82.0	89.4	88.5	-	-	120.0	128.1	129.0	-	-
All other fabricated metal products.....	33299	100.0	111.0	109.5	-	-	139.4	154.4	153.7	-	-
Machinery.....	333	90.3	93.7	93.5	94.1	0.6	124.9	132.7	133.1	134.3	0.9
Agricultural, construction, and mining machinery.....	3331	103.0	123.1	124.7	-	-	146.8	185.5	187.0	-	-
Farm machinery and equipment.....	333111	91.0	89.5	90.0	-	-	127.3	133.5	129.3	-	-
Industrial machinery.....	3332	91.4	95.6	93.5	-	-	129.8	133.2	132.4	-	-
Commercial and service industry machinery.....	3333	72.5	75.1	75.0	-	-	110.8	112.6	114.4	-	-
HVAC and commercial refrigeration equipment.....	3334	87.2	81.6	78.4	-	-	119.8	114.9	112.2	-	-
Metalworking machinery.....	3335	85.5	85.7	85.1	-	-	113.4	114.2	113.2	-	-
Special tools, dies, jigs, and fixtures.....	333514	77.7	73.6	73.6	-	-	104.2	100.2	99.7	-	-
Turbine and power transmission equipment.....	3336	79.0	80.5	81.1	-	-	102.7	108.1	111.3	-	-
Other general purpose machinery.....	3339	99.1	99.5	100.5	-	-	137.9	143.9	146.9	-	-
Computer and electronic products.....	334	82.5	83.5	84.5	84.7	0.2	126.2	126.6	127.7	128.5	0.6
Communications equipment.....	3342	58.0	60.3	60.2	-	-	73.5	77.1	76.8	-	-
Semiconductors and electronic components.....	3344	71.2	69.9	71.8	-	-	102.1	100.7	102.3	-	-
Semiconductors and related devices.....	334413	77.2	73.6	73.4	-	-	127.0	121.2	122.1	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	66.0	62.9	64.6	-	-	92.9	88.3	90.0	-	-
Electronic instruments.....	3345	125.1	127.2	125.5	-	-	215.3	215.1	213.9	-	-
Electrical equipment and appliances.....	335	77.3	78.6	79.4	79.4	0.0	108.1	111.0	112.9	113.3	0.4
Electrical equipment.....	3353	80.4	78.2	80.4	-	-	116.0	111.5	116.0	-	-
Other electrical equipment and components.....	3359	87.4	90.1	92.6	-	-	121.6	129.1	133.6	-	-
Transportation equipment.....	336	90.9	89.0	88.3	89.1	0.9	110.0	109.6	109.0	110.5	1.4
Motor vehicles and parts <sup>4</sup> .....	3361,2,3	83.7	81.5	80.5	81.3	1.0	85.7	83.6	82.7	84.1	1.7
Motor vehicles.....	3361	84.2	74.7	73.4	-	-	89.1	78.8	77.5	-	-

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept. 2017 - Oct. 2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept. 2017 - Oct. 2017 <sup>P</sup>
Motor vehicle bodies and trailers.....	3362	104.0	107.0	109.8	-	-	115.6	125.3	128.9	-	-
Motor vehicle parts.....	3363	79.7	79.1	77.5	-	-	79.8	79.5	78.0	-	-
Motor vehicle gasoline engine and parts.....	33631	71.9	75.1	73.6	-	-	78.0	84.2	82.9	-	-
Motor vehicle power train components.....	33635	86.3	72.9	69.9	-	-	82.7	71.3	67.7	-	-
Motor vehicle metal stamping.....	33637	83.8	88.7	87.0	-	-	81.9	85.1	83.0	-	-
All other motor vehicle parts.....	33639	90.7	96.8	95.4	-	-	98.9	110.0	108.0	-	-
Aerospace products and parts.....	3364	127.0	122.1	122.3	-	-	207.8	207.4	208.5	-	-
Aircraft.....	336411	120.3	116.0	116.1	-	-	183.2	184.9	185.5	-	-
Furniture and related products.....	337	61.6	60.9	60.3	60.8	0.8	83.7	85.0	84.6	85.2	0.7
Household and institutional furniture.....	3371	58.2	58.5	58.2	-	-	79.7	82.9	83.0	-	-
Wood kitchen cabinets and countertops.....	33711	76.6	74.9	74.6	-	-	103.6	106.3	106.4	-	-
Other household and institutional furniture.....	33712	47.5	48.9	48.6	-	-	64.4	68.2	68.1	-	-
Upholstered household furniture.....	337121	70.9	67.1	67.1	-	-	89.6	90.3	91.3	-	-
Miscellaneous durable goods manufacturing.....	339	86.0	83.7	82.4	83.2	1.0	123.5	124.3	122.0	123.3	1.1
Medical equipment and supplies.....	3391	110.5	102.8	102.1	-	-	157.6	155.9	154.2	-	-
Surgical appliances and supplies.....	339113	105.3	109.3	109.6	-	-	139.0	146.3	146.4	-	-
Dental laboratories.....	339116	77.3	78.3	78.8	-	-	110.2	121.0	120.8	-	-
Other miscellaneous durable goods manufacturing... ..	3399	68.1	69.7	67.8	-	-	96.3	99.4	95.7	-	-
Signs.....	33995	91.7	95.4	93.0	-	-	118.7	127.0	126.4	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	68.9	69.5	68.5	-	-	101.7	102.9	100.0	-	-
Nondurable goods.....		81.4	83.2	82.8	82.9	0.1	109.1	113.5	113.4	113.9	0.4
Food manufacturing.....	311	105.3	110.7	110.3	110.0	-0.3	140.5	148.4	148.0	148.0	0.0
Sugar and confectionery products.....	3113	80.7	86.5	86.0	-	-	92.9	101.2	98.2	-	-
Fruit and vegetable preserving and specialty.....	3114	94.1	113.2	115.7	-	-	125.2	136.6	140.7	-	-
Frozen food.....	31141	97.8	114.0	114.9	-	-	134.3	150.7	152.2	-	-
Fruit and vegetable canning and drying.....	31142	90.7	113.4	116.8	-	-	117.5	126.3	130.5	-	-
Dairy products.....	3115	113.6	110.0	110.8	-	-	159.8	158.1	159.3	-	-
Animal slaughtering and processing.....	3116	102.4	106.5	104.4	-	-	137.1	145.9	144.0	-	-
Poultry processing.....	311615	100.3	105.6	104.0	-	-	132.8	142.0	140.7	-	-
Seafood product preparation and packaging.....	3117	95.3	98.5	94.3	-	-	138.6	137.6	128.4	-	-
Bakeries and tortilla manufacturing.....	3118	99.6	101.7	101.3	-	-	132.2	138.9	138.7	-	-
Textile mills.....	313	37.8	35.8	35.7	36.3	1.7	50.5	49.3	48.9	50.3	2.9
Textile product mills.....	314	52.3	51.4	50.7	51.4	1.4	65.6	71.0	70.0	71.5	2.1
Apparel.....	315	34.3	30.5	29.6	29.7	0.3	50.8	49.2	48.7	47.5	-2.5
Paper and paper products.....	322	67.0	67.7	67.5	68.5	1.5	86.1	87.6	87.1	88.4	1.5
Pulp, paper, and paperboard mills.....	3221	59.0	62.7	61.8	-	-	75.7	78.4	76.0	-	-
Converted paper products.....	3222	70.7	70.2	70.3	-	-	93.8	94.2	94.9	-	-
Paperboard containers.....	32221	72.5	73.6	74.0	-	-	94.6	96.8	96.7	-	-
Corrugated and solid fiber boxes.....	322211	70.5	73.5	73.2	-	-	91.1	95.8	96.1	-	-
Paper bags and coated and treated paper.....	32222	68.1	69.0	68.6	-	-	91.0	88.6	88.7	-	-
Printing and related support activities.....	323	64.1	63.4	62.3	62.6	0.5	80.1	78.8	77.7	78.1	0.5
Petroleum and coal products.....	324	98.3	106.2	103.8	104.7	0.9	168.1	187.0	182.9	184.1	0.7
Chemicals.....	325	96.1	97.5	97.3	98.7	1.4	124.7	132.1	132.7	136.0	2.5
Basic chemicals.....	3251	89.4	78.7	79.8	-	-	116.8	106.6	106.6	-	-
Resin, rubber, and artificial fibers.....	3252	78.5	79.2	77.5	-	-	113.1	115.0	113.4	-	-
Pharmaceuticals and medicines.....	3254	130.0	138.2	136.1	-	-	165.2	200.7	201.0	-	-
Soaps, cleaning compounds, and toiletries.....	3256	89.1	87.5	90.6	-	-	107.4	114.2	119.4	-	-
Plastics and rubber products.....	326	84.3	84.5	84.6	84.1	-0.6	107.9	110.3	111.1	110.7	-0.4
Plastics products.....	3261	86.7	88.1	87.8	-	-	116.9	120.9	119.8	-	-
Plastics packaging materials, film, and sheet.....	32611	103.7	98.8	98.5	-	-	125.6	127.8	127.4	-	-
Foam products.....	32614,5	104.3	110.2	108.3	-	-	139.8	150.5	144.6	-	-
Other plastics products.....	32619	79.9	82.4	82.2	-	-	111.9	117.4	116.6	-	-
Rubber products.....	3262	75.5	72.9	74.2	-	-	82.8	81.1	88.0	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	96.4	100.1	102.0	101.5	-0.5	121.8	122.8	125.0	124.0	-0.8
Private service-providing.....		119.5	121.5	121.5	122.2	0.6	176.1	182.6	183.3	184.2	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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Trade, transportation, and utilities.....		107.2	108.8	109.0	109.5	0.5	146.0	150.5	151.5	152.1	0.4
Wholesale trade.....	42	107.7	109.1	109.0	109.5	0.5	154.7	159.2	159.8	160.3	0.3
Durable goods.....	423	100.4	102.4	102.0	-	-	139.4	144.8	145.2	-	-
Motor vehicles and parts.....	4231	101.4	101.0	100.4	-	-	131.7	134.2	135.4	-	-
Motor vehicles.....	42311	101.4	101.4	101.6	-	-	131.9	136.1	140.5	-	-
New motor vehicle parts.....	42312	95.3	96.0	95.3	-	-	126.5	124.8	124.5	-	-
Furniture and furnishings.....	4232	93.2	98.0	98.9	-	-	120.9	136.0	138.0	-	-
Lumber and construction supplies.....	4233	99.9	102.2	103.5	-	-	141.4	151.5	155.8	-	-
Lumber and wood.....	42331	88.0	88.9	88.7	-	-	128.8	136.2	138.8	-	-
Masonry materials.....	42332	106.1	109.5	111.6	-	-	141.3	146.9	149.8	-	-
Roofing, siding, and other construction materials.....	42333,9	125.1	129.5	132.5	-	-	173.3	199.1	203.9	-	-
Commercial equipment.....	4234	94.4	94.9	94.8	-	-	133.6	133.8	133.7	-	-
Office equipment.....	42342	71.4	69.4	69.8	-	-	106.0	102.7	101.4	-	-
Computer and software.....	42343	78.2	80.7	81.0	-	-	109.0	106.6	106.7	-	-
Medical equipment.....	42345	132.6	133.1	131.3	-	-	197.6	206.3	207.3	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	108.7	109.0	108.9	-	-	159.4	170.1	169.9	-	-
Metals and minerals.....	4235	98.7	101.4	99.7	-	-	138.9	137.7	136.5	-	-
Electric goods.....	4236	96.6	97.2	96.8	-	-	133.2	137.0	137.1	-	-
Electrical equipment and wiring.....	42361	108.5	107.6	108.3	-	-	152.2	149.7	150.6	-	-
Electric appliances and other electronic parts.....	42362,9	86.5	88.8	86.8	-	-	119.6	127.6	125.8	-	-
Hardware and plumbing.....	4237	109.4	111.1	110.8	-	-	159.2	166.8	166.4	-	-
Hardware.....	42371	109.4	109.0	108.4	-	-	166.2	168.4	167.1	-	-
Plumbing equipment.....	42372	118.0	115.7	116.2	-	-	178.5	183.6	184.1	-	-
HVAC and refrigeration equipment.....	42373,4	100.4	108.6	107.2	-	-	136.7	149.7	149.1	-	-
Machinery and supplies.....	4238	104.4	107.0	107.2	-	-	147.7	155.2	156.8	-	-
Construction equipment.....	42381	111.1	119.2	118.8	-	-	149.0	170.1	173.8	-	-
Farm and garden equipment.....	42382	107.0	107.8	108.3	-	-	171.8	175.6	177.9	-	-
Industrial machinery.....	42383	99.4	101.1	99.9	-	-	142.3	145.3	144.5	-	-
Industrial supplies.....	42384	127.9	129.1	133.0	-	-	178.5	191.9	202.9	-	-
Miscellaneous durable goods.....	4239	109.1	112.3	112.8	-	-	156.7	162.4	164.7	-	-
Sporting goods.....	42391	96.3	107.1	105.3	-	-	132.1	156.0	154.6	-	-
Recyclable materials.....	42393	111.2	120.0	120.3	-	-	148.8	165.1	166.2	-	-
Nondurable goods.....	424	106.0	106.6	106.1	-	-	146.7	152.1	152.2	-	-
Paper and paper products.....	4241	82.4	84.3	83.3	-	-	115.1	118.3	122.6	-	-
Druggists' goods.....	4242	93.4	93.4	90.8	-	-	134.6	137.7	138.0	-	-
Apparel and piece goods.....	4243	105.9	103.0	101.7	-	-	143.8	144.1	141.4	-	-
Grocery and related products.....	4244	113.0	115.0	115.5	-	-	153.9	159.9	160.8	-	-
General line grocery.....	42441	112.5	111.8	114.1	-	-	152.9	152.1	152.9	-	-
Fruits and vegetables.....	42448	140.0	144.0	148.0	-	-	194.3	200.0	207.0	-	-
Farm product raw materials.....	4245	113.2	104.1	100.7	-	-	173.7	162.6	157.0	-	-
Chemicals.....	4246	102.6	103.9	103.7	-	-	136.6	146.9	146.6	-	-
Petroleum.....	4247	100.3	104.2	100.8	-	-	159.2	163.8	159.6	-	-
Alcoholic beverages.....	4248	149.0	150.7	150.1	-	-	193.8	205.0	205.3	-	-
Misc. nondurable goods.....	4249	93.2	92.4	94.8	-	-	127.8	135.1	138.3	-	-
Farm supplies.....	42491	110.6	111.1	116.2	-	-	147.6	164.2	169.4	-	-
Nursery stock and florists' supplies.....	42493	82.9	79.9	81.1	-	-	117.9	115.7	114.4	-	-
Electronic markets and agents and brokers.....	425	149.0	155.0	154.8	-	-	240.9	244.3	243.7	-	-
Business to business electronic markets.....	42511	47.1	42.1	41.6	-	-	66.8	53.9	55.7	-	-
Wholesale trade agents and brokers.....	42512	164.0	171.4	172.2	-	-	260.1	264.9	265.6	-	-
Retail trade.....		100.9	102.7	103.2	103.8	0.6	129.9	135.0	136.1	136.9	0.6
Motor vehicle and parts dealers.....	441	112.5	113.5	113.6	-	-	135.5	137.9	138.9	-	-
Automobile dealers.....	4411	112.9	113.9	113.3	-	-	129.7	132.2	132.4	-	-
New car dealers.....	44111	108.1	107.7	107.2	-	-	123.3	125.2	125.6	-	-
Used car dealers.....	44112	174.9	190.5	193.1	-	-	234.9	254.0	254.7	-	-
Other motor vehicle dealers.....	4412	109.9	113.6	111.9	-	-	149.3	161.9	158.5	-	-

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Auto parts, accessories, and tire stores.....	4413	113.1	112.1	113.4	-	-	154.9	151.4	155.7	-	-
Automotive parts and accessories stores.....	44131	111.2	107.3	110.1	-	-	160.1	150.0	159.5	-	-
Tire dealers.....	44132	116.8	121.4	120.6	-	-	145.4	153.1	149.9	-	-
Furniture and home furnishings stores.....	442	91.5	90.4	90.5	-	-	124.5	126.0	125.6	-	-
Furniture stores.....	4421	90.6	91.4	90.8	-	-	119.9	125.1	122.9	-	-
Home furnishings stores.....	4422	93.6	89.1	89.0	-	-	132.3	127.7	128.4	-	-
Floor covering stores.....	44221	73.8	77.9	77.8	-	-	109.3	111.4	114.6	-	-
Other home furnishings stores.....	44229	109.5	97.9	98.2	-	-	157.3	144.7	143.7	-	-
Electronics and appliance stores.....	443	100.7	99.0	99.4	-	-	146.7	140.6	141.7	-	-
Household appliance stores.....	443141	63.2	66.0	68.4	-	-	84.0	87.9	92.2	-	-
Electronics stores.....	443142	107.4	105.1	105.3	-	-	151.6	147.9	149.7	-	-
Building material and garden supply stores.....	444	97.2	101.8	102.5	-	-	124.2	134.9	136.0	-	-
Building material and supplies dealers.....	4441	95.1	99.8	100.9	-	-	120.7	131.7	133.2	-	-
Home centers.....	44411	103.1	112.9	114.5	-	-	126.5	144.4	145.9	-	-
Hardware stores.....	44413	87.9	88.7	88.1	-	-	119.5	121.7	119.7	-	-
Lawn and garden equipment and supplies stores.....	4442	111.4	115.8	115.8	-	-	151.4	159.7	160.8	-	-
Food and beverage stores.....	445	92.0	92.8	92.4	-	-	109.6	113.7	113.8	-	-
Grocery stores.....	4451	93.2	94.5	93.9	-	-	112.0	116.2	116.2	-	-
Supermarkets and other grocery stores.....	44511	92.3	93.0	92.2	-	-	110.7	114.4	114.5	-	-
Convenience stores.....	44512	108.2	117.7	119.3	-	-	140.1	154.4	155.1	-	-
Specialty food stores.....	4452	75.6	76.6	77.8	-	-	86.0	92.3	93.3	-	-
Meat markets and fish and seafood markets.....	44521,2	92.9	99.3	102.2	-	-	115.7	128.9	130.1	-	-
Beer, wine, and liquor stores.....	4453	96.8	101.9	102.0	-	-	106.5	117.9	120.2	-	-
Health and personal care stores.....	446	102.8	103.6	104.0	-	-	144.0	151.7	153.9	-	-
Pharmacies and drug stores.....	44611	98.4	97.8	97.9	-	-	145.5	151.9	153.8	-	-
Cosmetic and beauty supply stores.....	44612	122.8	127.6	127.0	-	-	142.7	155.5	156.5	-	-
Optical goods stores.....	44613	130.1	132.1	135.0	-	-	179.7	177.1	179.9	-	-
Other health and personal care stores.....	44619	97.9	105.2	102.9	-	-	119.6	136.4	136.9	-	-
Gasoline stations.....	447	102.3	102.7	103.7	-	-	135.1	138.3	140.4	-	-
Gasoline stations with convenience stores.....	44711	107.1	107.1	107.7	-	-	142.2	145.4	146.9	-	-
Other gasoline stations.....	44719	77.9	82.0	82.7	-	-	103.6	109.6	111.5	-	-
Clothing and clothing accessories stores.....	448	89.1	89.4	87.9	-	-	117.7	119.8	120.2	-	-
Clothing stores.....	4481	85.4	88.2	87.0	-	-	107.9	114.4	115.7	-	-
Women's clothing stores.....	44812	111.5	114.5	111.8	-	-	144.0	142.2	138.5	-	-
Family clothing stores.....	44814	72.4	74.6	73.0	-	-	87.9	92.5	94.6	-	-
Clothing accessories stores.....	44815	116.0	132.6	115.6	-	-	167.6	189.8	170.1	-	-
Shoe stores.....	4482	120.5	109.5	106.6	-	-	198.8	174.4	172.0	-	-
Jewelry, luggage, and leather goods stores.....	4483	80.9	80.3	77.4	-	-	106.7	109.4	106.1	-	-
Sporting goods, hobby, book, and music stores.....	451	102.5	100.0	101.5	-	-	148.5	147.6	150.1	-	-
Sporting goods and musical instrument stores.....	4511	118.7	117.5	117.9	-	-	167.4	169.2	170.6	-	-
Sporting goods stores.....	45111	143.7	138.3	138.3	-	-	197.5	191.9	192.9	-	-
Hobby, toy, and game stores.....	45112	100.7	109.9	108.1	-	-	137.7	161.3	159.6	-	-
Book stores and news dealers.....	4512	50.2	45.1	48.8	-	-	77.9	69.2	74.9	-	-
General merchandise stores.....	452	109.9	116.5	118.5	-	-	135.2	153.0	155.4	-	-
Miscellaneous store retailers.....	453	85.1	83.2	83.0	-	-	106.9	106.6	106.2	-	-
Florists.....	4531	47.7	45.8	47.1	-	-	59.2	61.4	64.1	-	-
Office supplies, stationery, and gift stores.....	4532	56.3	52.4	51.5	-	-	71.2	66.6	65.2	-	-
Office supplies and stationery stores.....	45321	52.4	51.9	50.3	-	-	64.2	62.4	60.8	-	-
Gift, novelty, and souvenir stores.....	45322	58.4	52.6	52.7	-	-	78.7	71.8	71.5	-	-
Used merchandise stores.....	4533	180.0	175.5	172.9	-	-	262.0	259.2	255.4	-	-
Other miscellaneous store retailers.....	4539	110.7	111.4	112.6	-	-	136.0	140.9	142.3	-	-
Pet and pet supplies stores.....	45391	170.2	170.2	172.6	-	-	239.4	232.8	238.8	-	-
Nonstore retailers.....	454	120.4	123.3	122.9	-	-	185.4	177.2	177.1	-	-
Electronic shopping and mail-order houses.....	4541	155.2	158.6	157.3	-	-	237.7	219.4	216.8	-	-
Electronic shopping and electronic auctions.....	454111,2	433.8	453.7	452.9	-	-	696.8	625.3	613.9	-	-
Mail-order houses.....	454113	71.2	69.7	68.4	-	-	92.0	92.0	91.7	-	-

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Transportation and warehousing.....		126.0	127.7	127.7	128.8	0.9	168.1	173.7	174.4	176.6	1.3
Air transportation.....	481	73.0	73.2	73.7	—	—	155.9	156.2	158.9	—	—
Truck transportation.....	484	117.2	118.8	118.8	—	—	157.7	163.7	164.3	—	—
General freight trucking.....	4841	113.7	115.6	115.2	—	—	150.2	156.4	156.3	—	—
General freight trucking, local.....	48411	111.5	110.5	109.5	—	—	148.8	154.0	151.5	—	—
General freight trucking, long-distance.....	48412	115.1	117.4	116.9	—	—	152.0	157.0	157.1	—	—
General freight trucking, long-distance TL.....	484121	108.9	113.5	113.0	—	—	147.1	154.7	154.8	—	—
General freight trucking, long-distance LTL.....	484122	129.0	126.4	126.5	—	—	162.5	162.3	162.6	—	—
Specialized freight trucking.....	4842	125.8	127.6	127.8	—	—	176.5	185.2	187.1	—	—
Used household and office goods moving.....	48421	88.8	84.5	85.7	—	—	116.8	113.5	116.1	—	—
Other specialized trucking, local.....	48422	133.3	138.9	138.7	—	—	191.8	206.0	207.2	—	—
Other specialized trucking, long-distance.....	48423	145.7	145.0	145.3	—	—	195.9	202.6	205.3	—	—
Transit and ground passenger transportation.....	485	131.2	129.6	135.8	—	—	173.0	174.2	180.9	—	—
School and employee bus transportation.....	4854	123.7	126.5	133.2	—	—	170.7	169.3	181.6	—	—
Other ground passenger transportation.....	4859	190.7	187.7	191.5	—	—	227.2	235.3	240.1	—	—
Pipeline transportation.....	486	132.5	128.3	128.2	—	—	242.7	235.8	237.2	—	—
Support activities for transportation.....	488	122.8	128.7	127.5	—	—	156.0	164.5	163.6	—	—
Support activities for air transportation.....	4881	132.1	139.2	136.8	—	—	154.4	159.4	156.4	—	—
Airport operations.....	48811	131.8	138.6	134.4	—	—	122.1	134.6	129.7	—	—
Support activities for water transportation.....	4883	82.9	84.6	84.6	—	—	122.1	130.1	131.5	—	—
Support activities for road transportation.....	4884	139.4	148.5	151.9	—	—	148.2	161.4	163.8	—	—
Freight transportation arrangement.....	4885	132.1	134.4	131.4	—	—	188.3	190.7	188.6	—	—
Support activities for other transportation, including rail.....	4882,9	121.4	141.7	143.8	—	—	176.1	210.8	215.5	—	—
Couriers and messengers.....	492	152.5	167.2	168.5	—	—	186.2	204.7	207.2	—	—
Warehousing and storage.....	493	206.7	199.1	198.3	—	—	220.7	230.1	230.9	—	—
General warehousing and storage.....	49311	219.3	212.8	211.3	—	—	232.5	246.7	246.8	—	—
Utilities.....	22	99.7	95.9	97.0	96.5	-0.5	149.5	143.7	146.8	145.4	-1.0
Power generation and supply.....	2211	99.9	94.1	96.5	—	—	154.1	148.3	152.6	—	—
Electric power generation.....	22111	62.4	60.1	60.8	—	—	97.4	96.4	96.3	—	—
Fossil fuel electric power generation.....	221112	69.6	67.9	68.8	—	—	110.5	113.7	114.9	—	—
Electric power transmission and distribution.....	22112	160.1	147.3	151.5	—	—	256.8	239.5	250.6	—	—
Natural gas distribution.....	2212	93.5	91.5	91.7	—	—	133.0	120.4	125.9	—	—
Water, sewage and other systems.....	2213	117.4	125.8	122.4	—	—	151.0	160.9	153.6	—	—
Information.....	51	91.4	89.1	89.6	89.7	0.1	137.1	135.4	136.6	136.8	0.1
Publishing industries, except Internet.....	511	100.3	99.2	99.4	—	—	163.6	154.6	156.5	—	—
Newspaper, book, and directory publishers.....	5111	80.2	75.6	74.9	—	—	119.3	113.9	113.1	—	—
Newspaper publishers.....	51111	74.3	69.4	69.0	—	—	97.7	92.5	92.2	—	—
Periodical publishers.....	51112	99.6	90.9	90.8	—	—	163.5	151.1	150.6	—	—
Software publishers.....	5112	133.3	137.2	139.6	—	—	186.4	186.3	192.7	—	—
Motion picture and sound recording industries.....	512	88.4	85.5	89.1	—	—	98.8	101.1	100.6	—	—
Broadcasting, except Internet.....	515	83.4	81.1	81.7	—	—	127.1	123.3	125.0	—	—
Radio broadcasting.....	51511	89.2	85.2	84.8	—	—	143.5	135.8	135.6	—	—
Telecommunications.....	517	72.4	69.2	69.1	—	—	104.4	101.0	101.4	—	—
Wired telecommunications carriers.....	5171	83.3	78.8	78.6	—	—	115.1	109.3	109.7	—	—
Telecommunications resellers.....	517911	30.9	31.4	31.4	—	—	37.5	39.7	40.2	—	—
Data processing, hosting and related services.....	518	110.9	111.1	110.7	—	—	194.9	199.5	197.0	—	—
Other information services.....	519	229.7	237.4	235.8	—	—	342.4	374.3	380.2	—	—
Financial activities.....		112.4	114.4	114.6	114.6	0.0	182.4	187.7	188.2	188.8	0.3
Credit intermediation and related activities.....	522	104.3	108.9	108.0	—	—	165.7	177.5	177.0	—	—
Depository credit intermediation.....	5221	102.0	105.9	105.3	—	—	165.4	175.6	175.6	—	—
Commercial banking.....	52211	106.7	111.2	110.2	—	—	177.2	188.6	188.1	—	—
Savings institutions.....	52212	52.6	53.0	53.0	—	—	80.6	79.8	79.9	—	—
Credit unions and other depository credit intermediation.....	52213,9	127.8	130.9	132.2	—	—	196.1	210.3	212.3	—	—
Nondepository credit intermediation.....	5222	96.1	102.6	102.5	—	—	146.5	156.9	157.8	—	—

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Consumer lending.....	522291	108.3	110.4	109.9	-	-	133.1	140.9	143.1	-	-
Real estate credit.....	522292	89.1	97.9	97.6	-	-	130.6	138.4	140.9	-	-
Activities related to credit intermediation.....	5223	145.2	149.3	144.9	-	-	227.7	255.9	249.1	-	-
Financial transaction processing and clearing.....	52232	210.8	220.0	210.2	-	-	416.4	501.5	475.8	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	129.6	132.0	130.7	-	-	237.8	238.5	237.1	-	-
Securities brokerage.....	52312	105.5	109.1	107.3	-	-	179.9	188.1	183.4	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	101.7	103.3	101.4	-	-	197.6	193.7	191.4	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	176.7	180.1	179.6	-	-	301.4	309.3	309.9	-	-
Portfolio management.....	52392	159.8	170.9	172.7	-	-	288.6	304.4	306.6	-	-
Investment advice.....	52393	231.7	232.5	229.9	-	-	370.3	383.7	382.1	-	-
Insurance carriers and related activities.....	524	117.2	117.0	117.2	-	-	178.5	180.1	180.2	-	-
Insurance carriers.....	5241	105.9	104.7	104.4	-	-	164.3	163.0	162.0	-	-
Direct life and health insurance carriers.....	52411	107.6	108.2	107.0	-	-	173.7	175.1	172.9	-	-
Direct insurers, except life and health.....	52412	105.3	102.1	102.8	-	-	154.7	150.1	150.6	-	-
Reinsurance carriers.....	52413	90.2	90.2	87.7	-	-	206.2	222.6	219.7	-	-
Insurance agencies, brokerages, and related services.....	5242	140.3	141.2	142.0	-	-	210.1	216.9	219.3	-	-
Insurance agencies and brokerages.....	52421	136.5	137.9	138.5	-	-	201.5	206.7	210.5	-	-
Other insurance-related activities.....	52429	148.5	148.6	149.5	-	-	224.8	238.9	237.4	-	-
Third-party administration of insurance funds.....	524292	142.1	140.9	139.4	-	-	217.0	227.7	226.1	-	-
Real estate.....	531	117.6	121.5	122.2	-	-	190.0	201.3	202.6	-	-
Lessors of real estate.....	5311	92.1	94.2	94.4	-	-	146.1	153.9	153.1	-	-
Lessors of residential buildings.....	53111	89.0	89.6	89.0	-	-	136.6	140.8	139.1	-	-
Lessors of nonresidential buildings.....	53112	91.5	91.8	94.1	-	-	166.6	175.2	176.4	-	-
Offices of real estate agents and brokers.....	5312	105.3	111.8	114.6	-	-	180.3	193.5	202.8	-	-
Activities related to real estate.....	5313	161.3	166.9	166.6	-	-	247.1	262.1	262.7	-	-
Real estate property managers.....	53131	162.7	168.6	168.8	-	-	248.3	264.6	263.9	-	-
Residential property managers.....	531311	171.1	180.6	180.7	-	-	257.9	278.7	278.7	-	-
Nonresidential property managers.....	531312	139.9	140.2	140.6	-	-	227.2	237.5	236.6	-	-
Rental and leasing services.....	532	93.1	96.1	96.9	-	-	143.1	154.4	154.3	-	-
Home health equipment rental.....	532291	125.8	119.5	119.0	-	-	128.4	123.4	124.0	-	-
General rental centers.....	5323	68.4	64.3	64.5	-	-	67.2	66.1	65.3	-	-
Machinery and equipment rental and leasing.....	5324	128.9	147.5	151.9	-	-	212.0	247.8	255.0	-	-
Heavy machinery rental and leasing.....	53241	114.7	140.3	141.5	-	-	204.4	268.8	271.4	-	-
Office equipment and other machinery rental and leasing.....	53242,9	150.5	159.3	168.3	-	-	226.4	221.5	234.8	-	-
Professional and business services.....		132.0	134.7	134.8	135.5	0.5	201.3	210.0	211.1	212.1	0.5
Professional and technical services.....	54	143.6	145.4	145.7	-	-	221.6	228.5	230.0	-	-
Legal services.....	5411	101.0	101.8	101.9	-	-	154.1	153.6	154.5	-	-
Offices of lawyers.....	54111	99.8	100.4	100.1	-	-	153.2	152.2	152.2	-	-
Other legal services.....	54119	121.9	122.0	121.1	-	-	183.5	196.2	196.0	-	-
Title abstract and settlement offices.....	541191	100.9	106.7	105.9	-	-	131.2	149.7	150.0	-	-
Accounting and bookkeeping services.....	5412	121.3	120.8	121.0	-	-	183.2	191.4	191.2	-	-
Offices of certified public accountants.....	541211	124.9	128.3	130.4	-	-	179.0	191.9	193.2	-	-
Payroll services.....	541214	137.4	134.6	135.5	-	-	214.4	213.1	215.1	-	-
Architectural and engineering services.....	5413	115.8	117.7	117.6	-	-	175.7	183.6	184.3	-	-
Architectural services.....	54131	104.4	108.4	108.7	-	-	155.2	161.4	163.2	-	-
Landscape architectural services.....	54132	79.9	81.1	80.4	-	-	134.4	127.3	130.9	-	-
Engineering and drafting services.....	54133,4	122.4	123.2	123.8	-	-	183.7	193.5	195.0	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	94.5	97.8	94.9	-	-	151.0	156.8	154.9	-	-
Testing laboratories.....	54138	114.5	120.3	118.8	-	-	167.7	169.2	167.6	-	-
Specialized design services.....	5414	125.5	120.4	120.1	-	-	202.4	209.8	210.1	-	-
Graphic design services.....	54143	99.3	102.2	100.6	-	-	174.7	183.1	180.4	-	-
Computer systems design and related services.....	5415	182.7	184.2	186.3	-	-	263.1	267.3	271.4	-	-
Custom computer programming services.....	541511	173.7	176.2	178.6	-	-	246.5	252.8	256.9	-	-

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Computer systems design services.....	541512	224.5	227.1	228.8	-	-	307.6	313.4	316.8	-	-
Management and technical consulting services.....	5416	233.6	242.9	241.3	-	-	340.5	363.8	369.8	-	-
Management consulting services.....	54161	226.7	240.8	238.4	-	-	325.2	353.8	356.5	-	-
Administrative management consulting services.....	541611	250.3	268.6	267.3	-	-	395.7	431.2	439.9	-	-
Marketing consulting services.....	541613	369.4	413.0	407.8	-	-	491.4	576.6	582.4	-	-
Process and logistics consulting services.....	541614	223.6	222.3	213.1	-	-	270.9	284.2	266.8	-	-
Scientific research and development services.....	5417	141.2	144.6	144.6	-	-	235.5	244.0	246.7	-	-
Research and development in the physical, engineering, and life sciences.....	54171	150.0	152.6	152.0	-	-	250.6	257.9	260.2	-	-
Biotechnology research.....	541711	161.3	166.4	168.4	-	-	245.4	270.7	274.2	-	-
Physical, engineering, and life sciences research.....	541712	145.9	148.6	147.0	-	-	248.7	255.0	256.0	-	-
Social science and humanities research.....	54172	78.6	82.8	85.4	-	-	114.5	122.3	127.2	-	-
Advertising and related services.....	5418	128.3	127.0	125.5	-	-	217.7	209.6	204.4	-	-
Advertising agencies.....	54181	148.8	144.9	143.2	-	-	238.1	228.2	218.7	-	-
Public relations agencies.....	54182	131.1	136.2	135.4	-	-	207.2	221.1	218.5	-	-
Advertising material distribution and other advertising services.....	54187,9	153.7	144.0	143.2	-	-	245.8	232.9	232.7	-	-
Other professional and technical services.....	5419	160.9	167.7	167.6	-	-	261.4	285.7	286.7	-	-
Marketing research and public opinion polling.....	54191	97.7	88.7	88.7	-	-	152.5	149.8	151.2	-	-
Photographic services.....	54192	60.3	66.9	65.7	-	-	89.0	112.4	109.4	-	-
Veterinary services.....	54194	165.4	170.2	169.2	-	-	249.0	266.0	267.0	-	-
Miscellaneous professional and technical services.....	54193,9	396.1	435.1	440.7	-	-	687.6	784.5	790.5	-	-
Management of companies and enterprises.....	55	127.4	125.9	125.7	-	-	214.2	218.2	217.8	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	95.9	99.7	99.5	-	-	156.8	165.9	165.2	-	-
Managing offices.....	551114	128.7	127.2	126.6	-	-	217.4	221.3	220.3	-	-
Administrative and waste services.....	56	123.7	126.9	127.4	-	-	170.0	180.2	181.8	-	-
Administrative and support services.....	561	123.5	127.5	127.7	-	-	170.3	181.9	183.2	-	-
Office administrative services.....	5611	188.9	197.4	200.2	-	-	330.0	341.7	348.3	-	-
Facilities support services.....	5612	147.1	148.1	146.7	-	-	171.1	165.9	164.4	-	-
Employment services.....	5613	114.9	121.2	120.4	-	-	149.8	164.0	163.3	-	-
Employment placement agencies and executive search services.....	56131	98.5	104.1	102.2	-	-	159.3	172.0	170.1	-	-
Temporary help services.....	56132	140.0	147.3	147.6	-	-	181.0	197.7	199.2	-	-
Professional employer organizations.....	56133	47.3	51.4	50.4	-	-	60.3	68.2	66.4	-	-
Business support services.....	5614	132.2	131.9	129.9	-	-	187.6	191.4	188.8	-	-
Telephone call centers.....	56142	171.4	168.7	167.0	-	-	251.5	256.2	255.7	-	-
Business service centers.....	56143	95.5	88.5	89.5	-	-	132.0	124.2	126.0	-	-
Collection agencies.....	56144	88.7	90.3	87.9	-	-	125.7	128.1	126.0	-	-
Travel arrangement and reservation services.....	5615	88.7	89.7	89.5	-	-	143.5	143.2	146.4	-	-
Travel agencies.....	56151	75.9	75.6	73.6	-	-	99.1	98.2	97.8	-	-
Investigation and security services.....	5616	123.5	126.7	127.3	-	-	181.0	208.8	212.4	-	-
Security and armored car services.....	56161	120.3	123.1	123.9	-	-	171.0	205.4	208.6	-	-
Security systems services.....	56162	142.9	151.0	151.5	-	-	209.0	226.9	230.0	-	-
Services to buildings and dwellings.....	5617	133.4	135.2	136.6	-	-	185.3	190.1	194.0	-	-
Exterminating and pest control services.....	56171	152.4	162.9	166.3	-	-	232.4	240.3	245.8	-	-
Janitorial services.....	56172	127.1	127.3	126.9	-	-	173.0	174.2	173.7	-	-
Landscaping services.....	56173	142.9	145.6	148.0	-	-	200.1	207.5	214.2	-	-
Carpet and upholstery cleaning services.....	56174	88.0	101.7	104.4	-	-	118.9	137.1	143.4	-	-
Other services to buildings and dwellings.....	56179	118.5	122.3	124.4	-	-	148.2	156.5	161.6	-	-
Other support services.....	5619	108.8	113.2	113.9	-	-	139.3	149.6	150.9	-	-
Packaging and labeling services.....	56191	135.3	129.0	131.6	-	-	201.4	194.5	201.3	-	-
Convention and trade show organizers.....	56192	93.3	104.7	102.7	-	-	109.9	121.7	115.5	-	-
All other support services.....	56199	105.3	110.8	111.1	-	-	140.0	154.2	156.7	-	-
Waste management and remediation services.....	562	126.2	127.2	128.0	-	-	165.4	168.9	169.4	-	-
Waste collection.....	5621	154.5	163.7	166.0	-	-	208.6	217.8	223.6	-	-
Waste treatment and disposal.....	5622	87.0	88.4	86.5	-	-	134.2	137.3	132.5	-	-
Remediation and other waste services.....	5629	139.4	132.0	132.2	-	-	159.1	160.6	159.6	-	-

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Education and health services.....		136.8	140.0	140.0	140.3	0.2	204.6	213.3	214.1	214.1	0.0
Health care and social assistance.....	62	138.8	141.4	141.5	—	—	209.3	217.9	218.9	—	—
Health care <sup>5</sup> .....	621,2,3	135.4	137.5	137.7	—	—	209.0	217.0	218.0	—	—
Ambulatory health care services.....	621	156.1	160.3	160.3	—	—	240.2	251.3	252.0	—	—
Offices of physicians.....	6211	134.7	138.2	138.9	—	—	236.4	249.2	251.2	—	—
Offices of physicians, except mental health.....	621111	135.0	138.5	139.2	—	—	237.3	250.6	252.7	—	—
Offices of mental health physicians.....	621112	119.4	119.2	122.7	—	—	167.4	178.5	184.6	—	—
Offices of dentists.....	6212	128.8	127.5	126.6	—	—	181.6	182.7	179.2	—	—
Offices of other health practitioners.....	6213	170.2	180.4	180.2	—	—	247.0	263.1	263.1	—	—
Offices of chiropractors.....	62131	139.0	130.7	130.9	—	—	202.8	191.7	189.0	—	—
Offices of optometrists.....	62132	150.3	155.9	156.2	—	—	220.7	232.7	236.1	—	—
Offices of mental health practitioners.....	62133	120.4	134.1	141.4	—	—	146.9	160.6	170.7	—	—
Offices of specialty therapists.....	62134	194.5	201.9	201.7	—	—	279.5	294.6	294.8	—	—
Offices of all other health practitioners.....	62139	226.9	263.7	259.8	—	—	326.6	361.6	364.7	—	—
Outpatient care centers.....	6214	206.6	215.7	215.4	—	—	310.0	333.2	335.2	—	—
Outpatient mental health centers.....	62142	168.9	174.6	176.6	—	—	219.3	231.4	236.7	—	—
Outpatient care centers, except mental health.....	62141,9	223.3	235.0	234.1	—	—	345.1	373.5	374.6	—	—
Freestanding emergency medical centers.....	621493	228.7	241.7	242.0	—	—	358.0	371.6	372.9	—	—
Miscellaneous outpatient care centers.....	621410,98	225.6	238.3	237.6	—	—	347.3	377.8	378.7	—	—
Medical and diagnostic laboratories.....	6215	156.6	153.2	153.7	—	—	227.4	220.4	222.7	—	—
Medical laboratories.....	621511	157.9	156.0	155.6	—	—	238.7	226.8	227.0	—	—
Diagnostic imaging centers.....	621512	150.8	145.3	148.4	—	—	196.9	204.8	213.6	—	—
Home health care services.....	6216	204.5	209.4	209.6	—	—	276.0	281.6	281.2	—	—
Other ambulatory health care services.....	6219	152.2	155.9	158.7	—	—	231.4	249.9	255.4	—	—
Ambulance services.....	62191	154.9	156.5	161.1	—	—	222.1	234.4	243.0	—	—
All other ambulatory health care services.....	62199	148.5	155.8	156.7	—	—	241.9	269.6	271.8	—	—
Hospitals.....	622	126.1	128.4	129.2	—	—	202.2	209.9	212.2	—	—
General medical and surgical hospitals.....	6221	123.7	125.3	126.1	—	—	199.9	205.8	208.0	—	—
Nursing and residential care facilities.....	623	118.2	118.7	118.3	—	—	158.3	163.5	163.5	—	—
Nursing care facilities.....	6231	103.0	102.4	102.1	—	—	140.7	143.8	143.3	—	—
Residential mental health facilities.....	6232	128.3	129.8	128.9	—	—	172.5	179.6	179.3	—	—
Residential intellectual and developmental disability facilities.....	62321	119.4	121.5	121.4	—	—	152.6	162.1	162.3	—	—
Residential mental health and substance abuse facilities.....	62322	150.0	148.1	147.0	—	—	213.9	213.6	214.9	—	—
Community care facilities for the elderly.....	6233	162.4	165.4	164.9	—	—	217.1	230.2	230.6	—	—
Continuing care retirement communities.....	623311	196.7	202.3	202.4	—	—	267.1	284.0	285.1	—	—
Assisted living facilities for the elderly.....	623312	134.8	134.9	133.9	—	—	172.5	181.0	180.2	—	—
Other residential care facilities.....	6239	94.1	96.0	96.0	—	—	123.6	127.0	129.3	—	—
Social assistance.....	624	159.0	163.3	162.9	—	—	215.0	225.2	225.5	—	—
Individual and family services.....	6241	214.3	220.3	219.9	—	—	280.5	293.3	294.7	—	—
Child and youth services.....	62411	122.6	131.5	131.3	—	—	173.7	189.6	191.0	—	—
Services for the elderly and persons with disabilities.....	62412	273.5	278.4	278.8	—	—	365.4	380.6	381.5	—	—
Other individual and family services.....	62419	138.5	145.1	143.1	—	—	198.5	207.8	207.9	—	—
Emergency and other relief services.....	6242	132.6	138.4	139.9	—	—	192.2	207.8	209.6	—	—
Vocational rehabilitation services.....	6243	90.4	93.1	93.0	—	—	120.7	127.6	127.4	—	—
Child day care services.....	6244	125.0	126.4	126.3	—	—	170.9	174.7	175.2	—	—
Leisure and hospitality.....		125.5	127.2	126.4	127.4	0.8	184.8	193.6	193.2	194.8	0.8
Arts, entertainment, and recreation.....	71	113.5	113.3	112.5	—	—	160.9	162.8	163.2	—	—
Performing arts and spectator sports.....	711	120.2	115.2	115.1	—	—	184.3	185.3	187.3	—	—
Performing arts companies.....	7111	106.2	103.6	103.6	—	—	204.2	192.4	201.6	—	—
Spectator sports.....	7112	97.7	90.2	89.0	—	—	134.5	140.2	139.8	—	—
Arts and sports promoters and agents and managers for public figures.....	7113,4	172.5	173.7	166.8	—	—	240.0	239.7	233.2	—	—
Independent artists, writers, and performers.....	7115	127.9	134.6	148.0	—	—	198.7	227.9	248.6	—	—
Museums, historical sites, and similar institutions.....	712	129.8	134.1	136.2	—	—	179.9	187.4	190.5	—	—

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	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>P</sup>	Oct. 2017 <sup>P</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>P</sup>
Museums.....	71211	120.6	119.6	118.9	-	-	165.9	165.6	165.6	-	-
Historical sites and other similar institutions.....	71212,3,9	142.6	160.1	162.3	-	-	204.9	238.3	238.8	-	-
Amusements, gambling, and recreation.....	713	109.3	110.9	108.4	-	-	147.5	150.8	147.4	-	-
Gambling industries.....	7132	90.8	94.6	93.1	-	-	140.0	153.4	152.0	-	-
Golf courses and country clubs.....	71391	119.6	121.3	117.2	-	-	163.5	171.1	166.4	-	-
Skiing facilities.....	71392	144.5	134.7	139.9	-	-	249.9	214.9	227.3	-	-
Marinas.....	71393	104.1	110.8	104.6	-	-	156.5	164.2	156.5	-	-
Fitness and recreational sports centers.....	71394	101.3	104.1	103.3	-	-	128.7	129.3	127.6	-	-
Bowling centers.....	71395	72.0	78.0	76.2	-	-	96.5	105.8	104.2	-	-
Accommodation and food services.....	72	128.2	130.3	128.7	-	-	191.7	202.3	200.5	-	-
Accommodation.....	721	108.6	109.1	109.6	-	-	153.5	158.2	159.0	-	-
Traveler accommodation.....	7211	107.3	107.6	108.2	-	-	152.3	157.2	157.5	-	-
Hotels and motels, except casino hotels.....	72111	111.8	112.0	112.4	-	-	160.0	165.7	165.8	-	-
RV parks and recreational camps.....	7212	160.4	165.8	183.9	-	-	208.9	207.3	253.8	-	-
Food services and drinking places.....	722	132.8	135.8	134.4	-	-	203.6	216.5	215.1	-	-
Special food services.....	7223	126.9	132.2	126.3	-	-	181.0	192.4	186.2	-	-
Food service contractors.....	72231	124.6	134.3	126.7	-	-	171.0	187.3	178.3	-	-
Caterers and mobile food services.....	72232,3	131.8	128.5	126.0	-	-	210.7	217.9	217.5	-	-
Drinking places, alcoholic beverages.....	7224	95.2	97.7	99.3	-	-	170.1	190.0	193.0	-	-
Restaurants and other eating places.....	7225	134.8	137.2	136.0	-	-	206.7	218.9	217.8	-	-
Full-service restaurants.....	722511	130.5	132.6	131.0	-	-	211.6	222.6	220.6	-	-
Limited-service restaurants.....	722513	137.4	140.3	138.9	-	-	197.4	210.4	209.3	-	-
Cafeterias, grill buffets, and buffets.....	722514	81.2	80.5	81.3	-	-	108.2	107.6	111.5	-	-
Snack and nonalcoholic beverage bars.....	722515	201.3	209.9	209.2	-	-	288.9	314.8	316.0	-	-
Other services.....	81	102.1	103.1	102.6	103.0	0.4	145.1	150.7	150.6	151.5	0.6
Repair and maintenance.....	811	106.8	106.9	106.4	-	-	144.5	151.1	152.0	-	-
Automotive repair and maintenance.....	8111	105.9	105.4	105.6	-	-	142.4	150.3	151.4	-	-
Automotive mechanical and electrical repair.....	81111	104.4	100.5	100.6	-	-	139.8	141.8	142.3	-	-
General automotive repair.....	811111	118.2	113.7	114.1	-	-	155.4	159.6	160.0	-	-
Automotive body, interior, and glass repair.....	81112	106.9	107.5	109.6	-	-	143.8	157.3	160.3	-	-
Other automotive repair and maintenance.....	81119	109.6	111.2	110.0	-	-	148.3	158.7	157.7	-	-
Car washes.....	811192	120.3	120.4	118.4	-	-	164.9	168.8	168.2	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	93.6	98.1	97.1	-	-	128.6	146.2	144.1	-	-
Electronic equipment repair and maintenance.....	8112	93.9	95.9	90.4	-	-	123.8	128.1	129.8	-	-
Computer and office machine repair.....	811212	75.5	87.4	86.7	-	-	102.0	111.6	113.4	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	108.2	102.7	93.9	-	-	140.6	141.6	143.2	-	-
Commercial machinery repair and maintenance.....	8113	133.4	131.2	130.2	-	-	187.5	186.0	185.8	-	-
Household goods repair and maintenance.....	8114	77.5	88.4	89.4	-	-	94.5	109.5	117.1	-	-
Personal and laundry services.....	812	106.2	107.8	107.1	-	-	147.8	154.7	153.7	-	-
Personal care services.....	8121	123.3	124.1	124.5	-	-	185.3	187.8	187.7	-	-
Hair, nail, and skin care services.....	81211	112.3	112.7	114.5	-	-	164.7	165.9	167.8	-	-
Other personal care services.....	81219	209.4	213.4	196.5	-	-	358.0	375.7	346.7	-	-
Death care services.....	8122	92.6	93.3	92.5	-	-	130.3	139.4	140.8	-	-
Drycleaning and laundry services.....	8123	80.1	82.5	80.2	-	-	104.0	110.0	106.3	-	-
Coin-operated laundries and drycleaners.....	81231	79.2	71.8	72.1	-	-	100.4	82.1	82.1	-	-
Drycleaning and laundry services, except coin-operated.....	81232	65.0	63.8	63.7	-	-	87.6	88.5	88.0	-	-
Linen and uniform supply.....	81233	100.3	108.6	104.6	-	-	121.6	135.8	131.3	-	-
Other personal services.....	8129	126.3	128.4	129.1	-	-	152.4	170.4	169.5	-	-
Pet care services, except veterinary.....	81291	339.8	360.6	360.6	-	-	370.8	393.6	400.2	-	-
Parking lots and garages.....	81293	126.2	127.4	128.1	-	-	159.7	191.4	192.8	-	-
Membership associations and organizations.....	813	98.1	98.9	99.0	-	-	144.4	148.6	149.4	-	-
Grantmaking and giving services.....	8132	143.1	162.7	156.4	-	-	250.5	296.2	287.2	-	-
Grantmaking foundations.....	813211	259.6	305.6	281.1	-	-	450.2	537.7	506.7	-	-
Social advocacy organizations.....	8133	120.0	123.3	124.2	-	-	192.8	213.9	218.2	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Oct. 2016	Aug. 2017	Sept. 2017 <sup>p</sup>	Oct. 2017 <sup>p</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>p</sup>	Oct. 2016	Aug. 2017	Sept. 2017 <sup>p</sup>	Oct. 2017 <sup>p</sup>	Percent change from: Sept.2017 - Oct.2017 <sup>p</sup>
Human rights organizations.....	813311	109.8	111.6	110.1	—	—	160.1	177.8	183.7	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	124.1	127.3	129.1	—	—	206.1	227.0	231.3	—	—
Civic and social organizations.....	8134	79.2	85.2	83.9	—	—	107.2	124.0	126.4	—	—
Professional and similar organizations.....	8139	100.5	95.7	97.4	—	—	147.2	146.6	150.6	—	—
Business associations.....	81391	97.8	97.0	97.0	—	—	147.2	156.5	157.7	—	—
Professional organizations.....	81392	130.3	129.2	137.1	—	—	201.9	197.9	213.9	—	—
Labor unions and similar labor organizations.....	81393	82.0	80.7	82.4	—	—	113.9	121.3	123.9	—	—
Miscellaneous professional and similar organizations. . .	81394,9	107.9	94.1	94.5	—	—	170.5	143.4	144.0	—	—

<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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