

**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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Total private.....		112.4	113.1	113.3	113.4	0.1	159.7	164.2	164.5	165.3	0.5
Goods-producing.....		89.7	88.8	88.9	88.5	-0.4	122.0	124.0	124.0	123.7	-0.2
Mining and logging.....		134.8	115.6	117.1	117.1	0.0	208.2	182.4	182.9	184.9	1.1
Logging.....	1133	73.9	75.1	75.9	-	-	104.8	107.3	107.8	-	-
Mining.....	21	143.1	120.9	122.7	-	-	220.0	190.7	191.5	-	-
Oil and gas extraction.....	211	168.4	142.5	136.7	-	-	272.7	258.2	249.7	-	-
Mining, except oil and gas.....	212	93.1	84.5	85.5	-	-	132.0	121.7	121.9	-	-
Coal mining.....	2121	81.0	69.3	70.0	-	-	120.2	101.6	102.3	-	-
Stone mining and quarrying.....	21231	88.1	84.5	85.1	-	-	116.3	117.3	118.1	-	-
Crushed and broken limestone mining.....	212312	83.4	77.5	76.9	-	-	115.2	111.6	111.1	-	-
Other stone mining and quarrying.....	212311,3,9	93.9	94.6	96.6	-	-	117.9	125.3	128.2	-	-
Support activities for mining.....	213	188.8	154.7	159.5	-	-	311.8	254.2	257.5	-	-
Support activities for oil and gas operations.....	213112	207.4	168.3	173.7	-	-	379.0	302.5	307.3	-	-
Construction.....	23	100.4	100.0	100.4	99.1	-1.3	137.9	141.6	142.2	140.5	-1.2
Construction of buildings.....	236	90.4	90.2	90.8	-	-	127.1	130.3	131.4	-	-
Residential building.....	2361	87.0	88.0	89.0	-	-	120.5	124.3	125.3	-	-
New single-family general contractors.....	236115	67.9	67.6	68.1	-	-	96.5	95.1	96.2	-	-
Residential remodelers.....	236118	124.7	126.3	128.3	-	-	163.4	174.2	175.6	-	-
Nonresidential building.....	2362	93.1	92.3	92.5	-	-	131.6	135.4	136.0	-	-
Industrial building.....	23621	83.4	81.2	80.6	-	-	123.5	122.0	122.7	-	-
Commercial building.....	23622	97.3	96.2	96.9	-	-	135.2	139.7	140.8	-	-
Heavy and civil engineering construction.....	237	103.0	100.2	98.7	-	-	152.7	155.5	152.4	-	-
Utility system construction.....	2371	126.5	120.0	116.3	-	-	197.3	195.5	187.9	-	-
Water and sewer system construction.....	23711	89.8	92.8	92.1	-	-	124.6	129.6	130.1	-	-
Oil and gas pipeline construction.....	23712	173.4	152.9	146.7	-	-	297.2	285.3	272.7	-	-
Power and communication system construction.....	23713	145.2	134.3	128.9	-	-	231.0	227.1	212.2	-	-
Land subdivision.....	2372	21.8	24.0	24.9	-	-	40.1	47.1	48.2	-	-
Highway, street, and bridge construction.....	2373	97.6	95.8	97.5	-	-	135.4	136.1	137.5	-	-
Other heavy construction.....	2379	89.0	85.3	80.7	-	-	127.4	134.9	130.1	-	-
Specialty trade contractors.....	238	103.5	102.8	104.1	-	-	138.2	141.3	143.3	-	-
Building foundation and exterior contractors.....	2381	98.6	97.1	100.0	-	-	133.1	130.4	134.4	-	-
Poured concrete structure contractors.....	23811	113.3	118.2	120.9	-	-	163.7	173.5	178.4	-	-
Steel and precast concrete contractors.....	23812	98.2	94.0	100.5	-	-	145.6	127.7	138.1	-	-
Framing contractors.....	23813	64.9	61.5	60.4	-	-	77.7	73.1	71.2	-	-
Masonry contractors.....	23814	75.4	71.2	71.7	-	-	98.0	91.8	90.8	-	-
Glass and glazing contractors.....	23815	114.0	126.1	126.7	-	-	146.8	167.6	168.1	-	-
Roofing contractors.....	23816	120.8	115.0	118.1	-	-	159.5	156.7	161.0	-	-
Siding contractors.....	23817	121.0	105.0	107.1	-	-	191.3	178.6	182.6	-	-
Other building exterior contractors.....	23819	137.3	144.8	140.0	-	-	183.1	176.5	171.9	-	-
Building equipment contractors.....	2382	107.8	110.5	110.5	-	-	142.4	151.3	151.3	-	-
Electrical contractors.....	23821	96.1	100.0	99.6	-	-	129.1	140.0	140.4	-	-
Plumbing and HVAC contractors.....	23822	115.8	119.3	119.8	-	-	152.5	160.9	161.1	-	-
Other building equipment contractors.....	23829	141.5	133.2	131.3	-	-	172.6	177.0	172.8	-	-
Building finishing contractors.....	2383	89.1	87.2	88.0	-	-	119.4	119.1	121.3	-	-
Drywall and insulation contractors.....	23831	75.5	73.6	73.7	-	-	104.0	103.2	105.0	-	-
Painting and wall covering contractors.....	23832	94.7	93.3	95.1	-	-	118.7	119.0	121.5	-	-
Flooring contractors.....	23833	89.6	89.8	89.8	-	-	119.9	124.4	120.9	-	-
Tile and terrazzo contractors.....	23834	112.3	103.2	103.1	-	-	162.2	153.2	157.1	-	-
Finish carpentry contractors.....	23835	95.9	98.8	96.7	-	-	132.5	138.7	139.6	-	-
Other building finishing contractors.....	23839	109.3	104.2	105.4	-	-	152.8	153.1	154.7	-	-
Other specialty trade contractors.....	2389	117.7	110.0	112.2	-	-	158.8	154.4	157.2	-	-
Site preparation contractors.....	23891	117.1	112.6	113.9	-	-	154.4	158.3	157.9	-	-
All other specialty trade contractors.....	23899	120.0	108.1	109.9	-	-	165.5	151.3	157.0	-	-
Manufacturing.....		83.0	82.8	82.4	82.5	0.1	109.2	111.7	111.1	111.6	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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Durable goods.....		84.5	83.8	83.4	83.9	0.6	111.6	113.1	112.5	113.4	0.8
Wood products.....	321	71.9	69.9	71.1	70.7	-0.6	96.3	96.1	97.4	97.5	0.1
Sawmills and wood preservation.....	3211	74.3	72.6	73.2	-	-	95.9	98.5	99.1	-	-
Plywood and engineered wood products.....	3212	74.4	69.9	71.1	-	-	102.1	98.0	98.7	-	-
Other wood products.....	3219	69.9	69.2	70.3	-	-	94.4	94.8	96.4	-	-
Millwork.....	32191	66.6	64.7	66.3	-	-	87.8	87.9	89.7	-	-
Wood windows and doors.....	321911	63.0	63.2	65.1	-	-	91.4	92.0	95.0	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	69.7	66.0	67.1	-	-	84.1	84.6	84.0	-	-
Wood containers and pallets.....	32192	90.2	88.7	86.8	-	-	132.3	134.5	130.0	-	-
All other wood products.....	32199	61.8	63.6	65.9	-	-	83.4	83.7	88.6	-	-
Nonmetallic mineral products.....	327	77.8	75.3	75.5	76.6	1.5	102.0	99.2	99.7	101.5	1.8
Cement and concrete products.....	3273	83.1	82.4	82.1	-	-	114.1	109.2	108.6	-	-
Ready-mix concrete.....	32732	81.1	74.2	75.8	-	-	112.4	97.6	99.2	-	-
Other cement and concrete products.....	32731,3,9	84.4	91.0	89.1	-	-	115.7	123.9	121.5	-	-
Primary metals.....	331	77.6	76.0	75.8	76.8	1.3	98.4	99.8	100.2	100.6	0.4
Foundries.....	3315	66.6	63.6	63.3	-	-	83.8	81.4	81.5	-	-
Fabricated metal products.....	332	95.4	94.0	93.0	93.3	0.3	125.5	126.9	126.0	126.8	0.6
Forging and stamping.....	3321	89.9	93.2	91.8	-	-	116.0	124.9	125.2	-	-
Architectural and structural metals.....	3323	98.1	96.8	95.8	-	-	127.9	128.6	126.9	-	-
Plate work and fabricated structural products.....	33231	99.2	94.6	93.1	-	-	135.4	131.2	128.7	-	-
Fabricated structural metal products.....	332312	102.7	99.6	98.1	-	-	144.7	139.4	138.3	-	-
Ornamental and architectural metal products.....	33232	97.2	98.0	97.6	-	-	121.7	126.1	124.8	-	-
Sheet metal work.....	332322	115.9	112.9	113.5	-	-	141.2	143.0	141.8	-	-
Boilers, tanks, and shipping containers.....	3324	107.8	96.8	95.4	-	-	138.9	129.6	128.2	-	-
Machine shops and threaded products.....	3327	115.8	112.7	111.7	-	-	148.4	147.0	146.8	-	-
Machine shops.....	33271	122.6	121.0	120.1	-	-	159.9	159.9	159.8	-	-
Turned products and screws, nuts, and bolts.....	33272	98.0	92.0	89.9	-	-	117.5	114.5	111.8	-	-
Coating, engraving, and heat treating metals.....	3328	92.3	92.0	93.4	-	-	122.7	122.3	125.9	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	118.6	111.8	112.8	-	-	151.2	147.1	151.2	-	-
Electroplating, anodizing, and coloring metals.....	332813	70.9	75.3	76.3	-	-	98.7	101.0	103.0	-	-
Other fabricated metal products.....	3329	95.5	94.8	94.7	-	-	128.1	133.9	134.3	-	-
Metal valves.....	33291	85.5	82.1	80.8	-	-	120.8	119.7	118.0	-	-
All other fabricated metal products.....	33299	100.7	101.6	102.0	-	-	131.9	141.6	142.2	-	-
Machinery.....	333	91.9	90.6	90.4	90.6	0.2	124.9	125.2	124.0	124.8	0.6
Agricultural, construction, and mining machinery.....	3331	113.3	103.9	103.2	-	-	162.5	147.7	145.8	-	-
Farm machinery and equipment.....	333111	97.8	92.7	92.0	-	-	137.7	129.6	128.2	-	-
Industrial machinery.....	3332	89.4	89.6	92.6	-	-	128.3	126.9	129.7	-	-
Commercial and service industry machinery.....	3333	73.6	74.0	73.8	-	-	115.5	112.7	111.2	-	-
HVAC and commercial refrigeration equipment.....	3334	80.7	86.2	83.4	-	-	107.2	118.2	113.6	-	-
Metalworking machinery.....	3335	88.3	84.8	83.4	-	-	109.6	112.6	108.9	-	-
Special tools, dies, jigs, and fixtures.....	333514	80.4	77.2	75.4	-	-	103.8	103.5	100.3	-	-
Turbine and power transmission equipment.....	3336	81.3	79.2	80.6	-	-	97.2	103.3	107.2	-	-
Other general purpose machinery.....	3339	100.5	100.9	100.5	-	-	140.4	140.5	139.4	-	-
Computer and electronic products.....	334	81.9	82.7	82.0	83.2	1.5	118.9	126.6	124.7	126.5	1.4
Communications equipment.....	3342	53.6	57.7	57.5	-	-	69.4	73.2	71.9	-	-
Semiconductors and electronic components.....	3344	72.8	71.0	70.0	-	-	99.9	101.6	100.5	-	-
Semiconductors and related devices.....	334413	70.7	75.4	74.9	-	-	119.7	123.5	121.5	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	77.6	67.3	66.6	-	-	101.1	95.6	95.6	-	-
Electronic instruments.....	3345	126.5	126.0	126.2	-	-	209.1	216.1	215.3	-	-
Electrical equipment and appliances.....	335	79.4	77.6	77.4	77.1	-0.4	108.1	108.5	107.6	107.5	-0.1
Electrical equipment.....	3353	93.3	82.8	83.0	-	-	125.0	119.1	117.1	-	-
Other electrical equipment and components.....	3359	89.2	87.7	88.4	-	-	125.0	122.8	124.9	-	-
Transportation equipment.....	336	89.1	89.1	89.1	89.5	0.4	108.4	108.1	108.0	108.6	0.6
Motor vehicles and parts <sup>4</sup> .....	3361,2,3	79.0	81.6	81.1	81.3	0.2	80.6	83.6	82.9	83.5	0.7
Motor vehicles.....	3361	73.2	82.0	80.7	-	-	75.3	87.1	86.8	-	-

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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Motor vehicle bodies and trailers.....	3362	109.2	103.1	102.6	-	-	122.2	114.6	113.8	-	-
Motor vehicle parts.....	3363	75.6	77.5	76.9	-	-	77.4	77.2	76.1	-	-
Motor vehicle gasoline engine and parts.....	33631	69.1	69.3	70.1	-	-	77.9	75.0	77.0	-	-
Motor vehicle power train components.....	33635	84.5	86.7	85.2	-	-	81.8	83.0	81.7	-	-
Motor vehicle metal stamping.....	33637	79.9	82.6	82.4	-	-	78.7	80.3	77.6	-	-
All other motor vehicle parts.....	33639	83.9	86.3	86.2	-	-	93.8	94.2	93.5	-	-
Aerospace products and parts.....	3364	130.0	125.2	124.9	-	-	215.2	205.6	206.6	-	-
Aircraft.....	336411	121.9	118.6	118.5	-	-	186.0	181.4	182.0	-	-
Furniture and related products.....	337	61.3	61.6	61.9	61.3	-1.0	78.7	83.9	84.3	84.5	0.2
Household and institutional furniture.....	3371	58.0	59.2	59.1	-	-	74.6	80.9	80.8	-	-
Wood kitchen cabinets and countertops.....	33711	72.6	76.9	77.0	-	-	92.1	104.1	104.4	-	-
Other household and institutional furniture.....	33712	49.5	48.8	48.7	-	-	64.3	66.2	66.3	-	-
Upholstered household furniture.....	337121	71.9	71.7	70.6	-	-	84.5	90.7	89.7	-	-
Miscellaneous durable goods manufacturing.....	339	85.6	86.9	85.4	86.3	1.1	120.6	124.7	122.5	124.6	1.7
Medical equipment and supplies.....	3391	107.4	111.9	110.8	-	-	147.5	159.6	158.0	-	-
Surgical appliances and supplies.....	339113	113.0	105.0	102.3	-	-	154.4	138.6	134.4	-	-
Dental laboratories.....	339116	79.4	79.4	79.5	-	-	110.3	114.3	115.8	-	-
Other miscellaneous durable goods manufacturing.....	3399	70.3	68.3	67.4	-	-	99.8	96.3	94.8	-	-
Signs.....	33995	95.8	89.4	89.6	-	-	125.3	115.8	117.2	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	69.4	68.7	67.6	-	-	102.8	101.0	98.9	-	-
Nondurable goods.....		80.6	80.9	80.5	80.4	-0.1	104.9	108.8	108.2	108.5	0.3
Food manufacturing.....	311	101.1	103.4	102.6	103.1	0.5	130.0	137.9	137.0	138.2	0.9
Sugar and confectionery products.....	3113	76.9	75.3	73.6	-	-	82.0	87.8	86.0	-	-
Fruit and vegetable preserving and specialty.....	3114	86.5	88.8	90.5	-	-	110.3	117.8	118.7	-	-
Frozen food.....	31141	85.3	93.5	98.2	-	-	113.5	127.9	133.3	-	-
Fruit and vegetable canning and drying.....	31142	88.1	84.4	82.9	-	-	106.9	108.6	106.0	-	-
Dairy products.....	3115	110.6	112.7	114.9	-	-	151.4	158.6	161.9	-	-
Animal slaughtering and processing.....	3116	97.6	102.3	101.0	-	-	126.8	137.5	136.3	-	-
Poultry processing.....	311615	98.7	99.7	99.8	-	-	128.5	132.0	133.5	-	-
Seafood product preparation and packaging.....	3117	77.0	88.1	82.3	-	-	123.1	127.0	116.2	-	-
Bakeries and tortilla manufacturing.....	3118	104.9	101.6	100.0	-	-	134.5	134.9	132.3	-	-
Textile mills.....	313	38.5	37.5	37.7	37.1	-1.6	50.8	50.1	49.8	49.5	-0.6
Textile product mills.....	314	52.8	52.3	51.6	50.7	-1.7	65.9	65.8	66.0	65.1	-1.4
Apparel.....	315	37.0	34.5	34.6	34.8	0.6	56.0	51.1	51.2	51.2	0.0
Paper and paper products.....	322	66.3	67.2	66.9	66.8	-0.1	85.8	86.5	86.7	87.2	0.6
Pulp, paper, and paperboard mills.....	3221	63.2	59.7	60.0	-	-	79.4	76.6	76.7	-	-
Converted paper products.....	3222	67.7	70.6	69.9	-	-	90.5	93.9	93.5	-	-
Paperboard containers.....	32221	68.4	71.1	70.8	-	-	90.1	93.2	94.0	-	-
Corrugated and solid fiber boxes.....	322211	68.0	69.3	70.0	-	-	84.8	89.7	91.0	-	-
Paper bags and coated and treated paper.....	32222	70.5	69.3	68.5	-	-	92.2	92.8	91.2	-	-
Printing and related support activities.....	323	65.3	63.4	63.3	63.4	0.2	80.3	79.1	79.0	79.1	0.1
Petroleum and coal products.....	324	103.7	102.8	102.3	103.5	1.2	172.9	176.7	176.9	177.7	0.5
Chemicals.....	325	96.3	97.5	96.7	96.2	-0.5	117.0	126.4	124.7	124.5	-0.2
Basic chemicals.....	3251	90.6	90.5	87.2	-	-	111.3	119.0	116.3	-	-
Resin, rubber, and artificial fibers.....	3252	83.9	80.9	81.3	-	-	110.0	116.8	117.0	-	-
Pharmaceuticals and medicines.....	3254	126.3	129.6	129.3	-	-	159.2	163.9	162.2	-	-
Soaps, cleaning compounds, and toiletries.....	3256	93.0	90.3	88.1	-	-	108.0	108.5	105.9	-	-
Plastics and rubber products.....	326	83.9	83.2	82.7	82.4	-0.4	104.6	106.8	105.8	105.8	0.0
Plastics products.....	3261	85.6	85.4	85.1	-	-	112.1	115.2	114.4	-	-
Plastics packaging materials, film, and sheet.....	32611	103.8	105.3	103.7	-	-	127.1	128.6	126.8	-	-
Foam products.....	32614,5	105.1	107.6	105.7	-	-	128.1	143.7	143.2	-	-
Other plastics products.....	32619	78.2	77.8	78.0	-	-	106.2	109.0	109.0	-	-
Rubber products.....	3262	77.5	75.4	73.8	-	-	83.4	83.1	80.8	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	96.0	94.1	96.4	95.9	-0.5	115.7	119.3	121.4	121.0	-0.3
Private service-providing.....		118.5	120.0	120.1	120.3	0.2	171.1	176.8	177.2	178.1	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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Trade, transportation, and utilities.....		107.2	107.6	107.7	107.8	0.1	144.0	146.6	147.0	147.5	0.3
Wholesale trade.....	42	107.5	108.8	108.9	108.9	0.0	151.1	156.4	156.5	157.1	0.4
Durable goods.....	423	100.4	101.5	101.9	—	—	134.2	141.1	141.2	—	—
Motor vehicles and parts.....	4231	101.0	102.6	101.6	—	—	134.2	133.0	131.4	—	—
Motor vehicles.....	42311	100.5	99.1	97.0	—	—	132.2	129.2	126.5	—	—
New motor vehicle parts.....	42312	95.2	97.4	97.7	—	—	129.2	129.6	130.0	—	—
Furniture and furnishings.....	4232	88.7	90.1	90.0	—	—	108.6	118.1	118.4	—	—
Lumber and construction supplies.....	4233	96.6	102.4	105.3	—	—	132.9	144.6	146.9	—	—
Lumber and wood.....	42331	83.9	90.4	92.3	—	—	116.0	133.4	136.9	—	—
Masonry materials.....	42332	106.5	105.5	106.5	—	—	137.3	141.1	138.6	—	—
Roofing, siding, and other construction materials.....	42333,9	118.4	130.8	136.4	—	—	170.7	179.5	184.4	—	—
Commercial equipment.....	4234	93.6	95.1	95.3	—	—	118.7	134.6	134.5	—	—
Office equipment.....	42342	72.1	70.7	71.1	—	—	91.8	105.3	102.8	—	—
Computer and software.....	42343	80.8	81.5	81.6	—	—	98.9	112.9	114.1	—	—
Medical equipment.....	42345	126.9	129.6	129.7	—	—	176.1	194.6	194.2	—	—
Miscellaneous professional and commercial equipment.....	42341,4,6,9	105.9	110.1	111.6	—	—	147.7	162.8	164.9	—	—
Metals and minerals.....	4235	100.2	96.7	94.9	—	—	137.6	135.0	133.2	—	—
Electric goods.....	4236	93.2	96.5	97.5	—	—	128.6	133.2	133.7	—	—
Electrical equipment and wiring.....	42361	106.1	107.9	106.8	—	—	147.2	151.1	147.0	—	—
Electric appliances and other electronic parts.....	42362,9	82.2	87.1	89.0	—	—	113.8	119.6	122.6	—	—
Hardware and plumbing.....	4237	107.4	110.3	111.1	—	—	150.7	160.7	163.4	—	—
Hardware.....	42371	109.2	109.3	110.2	—	—	162.1	166.0	166.7	—	—
Plumbing equipment.....	42372	109.3	119.1	118.0	—	—	162.1	180.9	181.8	—	—
HVAC and refrigeration equipment.....	42373,4	104.0	100.9	102.8	—	—	131.1	135.8	140.6	—	—
Machinery and supplies.....	4238	106.4	106.6	106.4	—	—	145.5	150.9	150.2	—	—
Construction equipment.....	42381	109.0	113.6	114.6	—	—	140.1	154.3	154.8	—	—
Farm and garden equipment.....	42382	104.1	106.1	105.7	—	—	159.8	169.6	168.3	—	—
Industrial machinery.....	42383	103.7	103.2	102.4	—	—	143.9	147.9	146.1	—	—
Industrial supplies.....	42384	130.2	131.4	130.8	—	—	174.7	183.4	184.6	—	—
Miscellaneous durable goods.....	4239	113.1	109.7	109.1	—	—	165.6	155.8	154.0	—	—
Sporting goods.....	42391	105.8	99.1	102.4	—	—	143.5	137.8	145.0	—	—
Recyclable materials.....	42393	114.3	112.1	110.5	—	—	145.7	149.9	148.3	—	—
Nondurable goods.....	424	106.3	107.4	107.0	—	—	145.7	148.5	148.5	—	—
Paper and paper products.....	4241	82.8	83.4	82.3	—	—	119.9	116.4	115.8	—	—
Druggists' goods.....	4242	90.9	86.8	86.4	—	—	131.2	125.6	124.5	—	—
Apparel and piece goods.....	4243	105.4	109.5	113.9	—	—	144.4	149.1	153.9	—	—
Grocery and related products.....	4244	112.9	115.5	115.6	—	—	151.5	157.7	158.0	—	—
General line grocery.....	42441	110.4	114.0	114.5	—	—	147.2	156.0	158.1	—	—
Fruits and vegetables.....	42448	142.4	145.7	144.5	—	—	183.9	200.1	194.1	—	—
Farm product raw materials.....	4245	105.3	110.7	103.0	—	—	159.6	169.8	158.6	—	—
Chemicals.....	4246	108.6	103.6	104.0	—	—	142.8	138.6	140.3	—	—
Petroleum.....	4247	101.7	103.4	102.7	—	—	153.3	165.3	163.7	—	—
Alcoholic beverages.....	4248	145.3	147.5	146.8	—	—	191.3	191.8	191.4	—	—
Misc. nondurable goods.....	4249	97.9	97.6	96.9	—	—	130.7	134.8	134.5	—	—
Farm supplies.....	42491	109.8	108.8	108.2	—	—	143.7	145.6	146.3	—	—
Nursery stock and florists' supplies.....	42493	68.7	80.3	78.6	—	—	99.7	113.9	111.8	—	—
Electronic markets and agents and brokers.....	425	149.5	152.9	151.7	—	—	240.8	247.6	245.1	—	—
Business to business electronic markets.....	42511	44.5	48.3	47.7	—	—	62.3	68.0	67.1	—	—
Wholesale trade agents and brokers.....	42512	164.9	168.3	167.0	—	—	260.7	267.4	264.9	—	—
Retail trade.....		101.6	101.9	101.9	101.5	-0.4	130.3	131.5	132.6	133.3	0.5
Motor vehicle and parts dealers.....	441	113.9	113.9	113.8	—	—	135.7	137.1	137.2	—	—
Automobile dealers.....	4411	112.9	113.9	113.7	—	—	128.3	130.6	130.3	—	—
New car dealers.....	44111	108.4	109.0	109.0	—	—	122.7	124.4	124.2	—	—
Used car dealers.....	44112	173.1	173.2	175.9	—	—	233.7	232.7	236.4	—	—
Other motor vehicle dealers.....	4412	111.0	111.1	112.6	—	—	146.6	151.4	155.8	—	—

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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Auto parts, accessories, and tire stores.....	4413	115.2	114.5	113.9	-	-	156.4	157.3	156.5	-	-
Automotive parts and accessories stores.....	44131	114.1	113.2	113.2	-	-	164.2	163.2	163.3	-	-
Tire dealers.....	44132	117.4	117.7	115.7	-	-	142.2	146.9	144.7	-	-
Furniture and home furnishings stores.....	442	89.1	92.7	93.0	-	-	116.6	125.6	125.1	-	-
Furniture stores.....	4421	89.5	90.7	91.7	-	-	116.1	120.3	119.6	-	-
Home furnishings stores.....	4422	88.4	95.8	94.1	-	-	118.3	133.7	131.7	-	-
Floor covering stores.....	44221	70.5	72.7	71.6	-	-	93.5	107.9	106.1	-	-
Other home furnishings stores.....	44229	103.6	112.9	111.3	-	-	144.8	160.2	158.1	-	-
Electronics and appliance stores.....	443	106.7	101.4	101.0	-	-	154.7	146.1	148.7	-	-
Household appliance stores.....	443141	66.1	64.8	64.9	-	-	83.5	85.4	82.8	-	-
Electronics stores.....	443142	114.2	108.4	107.9	-	-	164.6	156.8	158.8	-	-
Building material and garden supply stores.....	444	98.6	98.1	97.8	-	-	122.9	125.7	125.4	-	-
Building material and supplies dealers.....	4441	97.3	96.4	95.7	-	-	120.7	122.7	121.9	-	-
Home centers.....	44411	107.1	104.4	103.5	-	-	126.4	128.1	127.2	-	-
Hardware stores.....	44413	84.3	87.1	85.7	-	-	111.3	118.3	116.4	-	-
Lawn and garden equipment and supplies stores.....	4442	106.1	111.2	113.7	-	-	137.9	150.8	154.0	-	-
Food and beverage stores.....	445	92.4	92.7	92.8	-	-	111.7	110.6	112.3	-	-
Grocery stores.....	4451	93.8	93.8	94.2	-	-	114.6	112.9	115.2	-	-
Supermarkets and other grocery stores.....	44511	92.8	92.9	92.9	-	-	113.3	111.7	113.5	-	-
Convenience stores.....	44512	114.0	114.0	114.3	-	-	146.7	147.2	147.9	-	-
Specialty food stores.....	4452	75.4	76.5	76.5	-	-	84.4	87.2	87.1	-	-
Meat markets and fish and seafood markets.....	44521,2	92.9	90.6	91.5	-	-	113.1	113.0	113.6	-	-
Beer, wine, and liquor stores.....	4453	96.8	98.0	96.7	-	-	107.1	108.5	108.0	-	-
Health and personal care stores.....	446	100.1	103.4	103.4	-	-	139.3	145.6	147.2	-	-
Pharmacies and drug stores.....	44611	93.8	96.6	96.6	-	-	135.4	144.3	146.2	-	-
Cosmetic and beauty supply stores.....	44612	124.8	130.6	128.8	-	-	144.5	151.8	155.3	-	-
Optical goods stores.....	44613	128.3	140.3	140.7	-	-	187.9	192.5	193.3	-	-
Other health and personal care stores.....	44619	98.1	99.1	99.7	-	-	128.5	121.9	120.0	-	-
Gasoline stations.....	447	101.9	102.1	102.9	-	-	132.6	135.2	137.1	-	-
Gasoline stations with convenience stores.....	44711	106.3	106.4	106.8	-	-	139.1	141.4	143.2	-	-
Other gasoline stations.....	44719	77.7	80.5	81.9	-	-	102.3	107.3	109.8	-	-
Clothing and clothing accessories stores.....	448	89.1	91.2	90.5	-	-	113.5	120.3	119.5	-	-
Clothing stores.....	4481	87.1	87.9	87.9	-	-	107.6	110.9	111.1	-	-
Women's clothing stores.....	44812	117.7	111.5	113.5	-	-	155.8	142.1	142.4	-	-
Family clothing stores.....	44814	72.0	75.8	74.2	-	-	82.5	92.2	90.7	-	-
Clothing accessories stores.....	44815	133.1	130.0	121.7	-	-	174.8	187.3	178.3	-	-
Shoe stores.....	4482	113.6	118.1	114.2	-	-	181.4	195.5	190.3	-	-
Jewelry, luggage, and leather goods stores.....	4483	77.3	82.5	82.3	-	-	96.3	108.3	108.7	-	-
Sporting goods, hobby, book, and music stores.....	451	103.1	104.5	106.8	-	-	142.4	151.3	153.2	-	-
Sporting goods and musical instrument stores.....	4511	119.4	121.7	124.9	-	-	162.1	171.7	174.6	-	-
Sporting goods stores.....	45111	144.4	147.7	150.0	-	-	190.7	202.4	203.5	-	-
Hobby, toy, and game stores.....	45112	95.7	106.4	110.6	-	-	117.2	147.9	157.6	-	-
Book stores and news dealers.....	4512	55.8	51.3	50.7	-	-	77.6	79.0	77.4	-	-
General merchandise stores.....	452	112.3	110.5	112.0	-	-	137.0	138.8	143.9	-	-
Miscellaneous store retailers.....	453	88.4	85.4	84.6	-	-	113.8	107.6	106.3	-	-
Florists.....	4531	48.8	48.0	49.0	-	-	62.1	59.3	59.4	-	-
Office supplies, stationery, and gift stores.....	4532	61.8	56.0	55.4	-	-	82.3	71.3	70.5	-	-
Office supplies and stationery stores.....	45321	63.8	52.9	53.0	-	-	85.0	65.2	65.8	-	-
Gift, novelty, and souvenir stores.....	45322	59.6	58.1	58.3	-	-	77.9	78.8	78.5	-	-
Used merchandise stores.....	4533	194.9	186.1	187.5	-	-	263.5	272.0	276.0	-	-
Other miscellaneous store retailers.....	4539	105.8	109.4	106.9	-	-	134.8	134.4	131.1	-	-
Pet and pet supplies stores.....	45391	156.9	169.5	163.9	-	-	230.5	232.9	223.4	-	-
Nonstore retailers.....	454	118.9	120.1	121.6	-	-	189.7	182.1	181.4	-	-
Electronic shopping and mail-order houses.....	4541	154.3	153.7	157.4	-	-	253.4	231.1	231.8	-	-
Electronic shopping and electronic auctions.....	454111,2	415.7	412.6	426.0	-	-	769.3	651.9	653.0	-	-
Mail-order houses.....	454113	78.3	75.4	76.0	-	-	96.0	97.3	97.4	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Transportation and warehousing.....		125.2	123.9	124.3	125.4	0.9	165.9	165.2	165.3	164.7	-0.4
Air transportation.....	481	71.0	72.8	72.2	—	—	145.9	154.2	151.7	—	—
Truck transportation.....	484	119.0	118.2	118.8	—	—	158.2	158.7	159.5	—	—
General freight trucking.....	4841	113.7	114.2	114.2	—	—	149.2	150.9	150.9	—	—
General freight trucking, local.....	48411	111.8	109.2	108.9	—	—	153.9	146.0	146.2	—	—
General freight trucking, long-distance.....	48412	114.2	116.0	116.1	—	—	147.8	152.7	152.5	—	—
General freight trucking, long-distance TL.....	484121	107.9	110.8	111.3	—	—	143.3	148.2	149.1	—	—
General freight trucking, long-distance LTL.....	484122	129.1	128.8	127.8	—	—	157.1	162.3	160.2	—	—
Specialized freight trucking.....	4842	133.3	127.5	130.2	—	—	184.5	179.3	183.3	—	—
Used household and office goods moving.....	48421	90.2	87.7	87.2	—	—	117.2	114.6	112.9	—	—
Other specialized trucking, local.....	48422	145.1	137.3	139.6	—	—	203.1	197.7	202.7	—	—
Other specialized trucking, long-distance.....	48423	149.8	145.1	149.0	—	—	202.4	196.5	199.9	—	—
Transit and ground passenger transportation.....	485	130.2	129.0	129.3	—	—	167.1	170.1	171.1	—	—
School and employee bus transportation.....	4854	119.7	124.7	126.0	—	—	164.5	173.6	173.9	—	—
Other ground passenger transportation.....	4859	188.9	189.3	188.1	—	—	220.6	225.7	228.8	—	—
Pipeline transportation.....	486	143.3	129.4	129.9	—	—	262.5	236.1	237.3	—	—
Support activities for transportation.....	488	123.5	121.8	122.5	—	—	162.7	155.1	155.7	—	—
Support activities for air transportation.....	4881	138.2	134.6	133.0	—	—	170.9	156.4	153.3	—	—
Airport operations.....	48811	134.4	133.0	135.9	—	—	124.8	124.2	127.6	—	—
Support activities for water transportation.....	4883	90.7	85.7	85.6	—	—	148.6	127.3	128.7	—	—
Support activities for road transportation.....	4884	132.9	131.8	133.1	—	—	140.5	139.9	139.2	—	—
Freight transportation arrangement.....	4885	128.4	130.0	130.0	—	—	175.9	182.9	181.7	—	—
Support activities for other transportation, including rail.....	4882,9	117.9	118.2	122.4	—	—	174.9	172.0	180.1	—	—
Couriers and messengers.....	492	161.1	149.6	151.9	—	—	189.4	182.9	182.9	—	—
Warehousing and storage.....	493	182.5	191.5	190.3	—	—	192.0	206.0	206.0	—	—
General warehousing and storage.....	49311	192.1	201.3	201.3	—	—	200.9	214.5	215.8	—	—
Utilities.....	22	98.3	101.0	97.9	100.0	2.1	142.0	151.2	145.0	148.5	2.4
Power generation and supply.....	2211	97.8	100.1	96.6	—	—	142.9	154.7	147.3	—	—
Electric power generation.....	22111	63.3	62.4	61.5	—	—	94.7	97.3	95.8	—	—
Fossil fuel electric power generation.....	221112	69.0	70.7	69.4	—	—	106.5	112.0	110.2	—	—
Electric power transmission and distribution.....	22112	152.6	160.2	152.0	—	—	228.7	257.2	240.5	—	—
Natural gas distribution.....	2212	96.2	96.7	94.2	—	—	134.4	137.2	133.7	—	—
Water, sewage and other systems.....	2213	112.8	125.5	124.2	—	—	159.2	160.2	156.4	—	—
Information.....	51	90.5	91.1	89.8	90.3	0.6	132.7	136.9	135.0	136.5	1.1
Publishing industries, except Internet.....	511	100.2	99.8	98.4	—	—	158.8	158.1	156.2	—	—
Newspaper, book, and directory publishers.....	5111	83.4	80.3	79.5	—	—	126.5	119.2	118.3	—	—
Newspaper publishers.....	51111	78.2	75.4	74.3	—	—	102.0	99.2	98.7	—	—
Periodical publishers.....	51112	100.9	95.1	94.3	—	—	168.1	156.1	155.5	—	—
Software publishers.....	5112	126.7	131.6	130.8	—	—	183.8	190.0	189.3	—	—
Motion picture and sound recording industries.....	512	80.9	88.2	88.2	—	—	82.9	98.3	96.3	—	—
Broadcasting, except Internet.....	515	87.3	86.4	85.9	—	—	138.2	131.8	132.3	—	—
Radio broadcasting.....	51511	89.5	89.6	90.0	—	—	162.0	144.0	149.3	—	—
Telecommunications.....	517	73.7	72.1	70.9	—	—	102.3	104.2	102.8	—	—
Wired telecommunications carriers.....	5171	83.4	82.2	80.4	—	—	111.4	114.2	112.2	—	—
Telecommunications resellers.....	517911	33.2	31.1	31.1	—	—	40.0	38.1	38.2	—	—
Data processing, hosting and related services.....	518	111.0	110.2	107.9	—	—	179.0	191.3	187.0	—	—
Other information services.....	519	215.6	230.7	226.4	—	—	323.6	347.6	344.4	—	—
Financial activities.....		110.9	112.4	112.9	113.3	0.4	175.1	182.3	182.8	184.5	0.9
Credit intermediation and related activities.....	522	102.8	104.0	105.2	—	—	156.9	164.7	166.4	—	—
Depository credit intermediation.....	5221	100.1	101.6	102.4	—	—	155.8	164.2	164.8	—	—
Commercial banking.....	52211	102.6	103.6	104.9	—	—	163.3	171.2	172.5	—	—
Savings institutions.....	52212	62.1	63.4	63.5	—	—	90.8	97.8	97.2	—	—
Credit unions and other depository credit intermediation.....	52213,9	125.0	129.9	129.9	—	—	185.4	199.2	199.9	—	—
Nondepository credit intermediation.....	5222	96.5	95.6	97.0	—	—	143.6	145.3	147.9	—	—

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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Consumer lending.....	522291	114.9	112.8	111.9	-	-	144.3	137.7	135.7	-	-
Real estate credit.....	522292	89.4	88.6	90.9	-	-	129.5	128.6	132.0	-	-
Activities related to credit intermediation.....	5223	138.6	147.2	147.1	-	-	201.6	231.2	231.4	-	-
Financial transaction processing and clearing.....	52232	216.4	220.6	221.6	-	-	417.4	439.0	434.2	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	130.5	129.6	129.7	-	-	235.5	236.8	235.2	-	-
Securities brokerage.....	52312	107.1	103.1	103.9	-	-	182.2	173.2	176.5	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.7	101.7	101.4	-	-	198.2	197.3	194.3	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	173.9	177.4	177.3	-	-	296.4	302.5	300.8	-	-
Portfolio management.....	52392	161.6	160.2	160.7	-	-	283.1	291.3	289.7	-	-
Investment advice.....	52393	224.2	230.5	230.7	-	-	369.4	364.6	366.2	-	-
Insurance carriers and related activities.....	524	116.6	118.2	118.4	-	-	172.9	179.7	180.4	-	-
Insurance carriers.....	5241	106.1	107.7	108.2	-	-	160.5	167.1	168.5	-	-
Direct life and health insurance carriers.....	52411	117.4	117.0	117.1	-	-	182.6	188.9	189.3	-	-
Direct insurers, except life and health.....	52412	95.0	98.6	99.6	-	-	138.0	144.8	146.7	-	-
Reinsurance carriers.....	52413	91.5	89.9	88.5	-	-	216.7	212.7	211.7	-	-
Insurance agencies, brokerages, and related services.....	5242	136.9	139.0	139.2	-	-	199.5	207.3	207.0	-	-
Insurance agencies and brokerages.....	52421	134.3	136.9	137.0	-	-	196.3	202.0	201.1	-	-
Other insurance-related activities.....	52429	142.6	144.8	144.2	-	-	205.6	219.8	218.4	-	-
Third-party administration of insurance funds.....	524292	135.5	135.5	134.9	-	-	188.7	207.2	205.9	-	-
Real estate.....	531	114.2	118.3	118.4	-	-	179.2	191.4	192.8	-	-
Lessors of real estate.....	5311	91.3	92.8	92.6	-	-	141.2	146.9	147.0	-	-
Lessors of residential buildings.....	53111	88.5	89.5	89.5	-	-	132.3	137.2	137.3	-	-
Lessors of nonresidential buildings.....	53112	89.3	90.5	89.6	-	-	157.2	164.6	163.9	-	-
Offices of real estate agents and brokers.....	5312	100.5	105.4	105.6	-	-	161.1	181.5	183.0	-	-
Activities related to real estate.....	5313	155.6	162.6	163.3	-	-	235.7	250.4	253.9	-	-
Real estate property managers.....	53131	155.9	161.9	163.0	-	-	234.5	248.7	253.0	-	-
Residential property managers.....	531311	163.3	170.0	171.6	-	-	243.3	256.8	263.3	-	-
Nonresidential property managers.....	531312	138.9	144.0	143.9	-	-	217.8	235.0	235.2	-	-
Rental and leasing services.....	532	92.4	91.0	91.4	-	-	136.9	141.5	142.6	-	-
Home health equipment rental.....	532291	125.9	120.9	126.4	-	-	134.6	122.3	127.7	-	-
General rental centers.....	5323	71.7	70.3	68.3	-	-	73.9	69.8	69.2	-	-
Machinery and equipment rental and leasing.....	5324	133.9	127.7	126.9	-	-	210.4	211.0	210.0	-	-
Heavy machinery rental and leasing.....	53241	125.6	113.3	110.5	-	-	208.2	202.7	199.4	-	-
Office equipment and other machinery rental and leasing.....	53242,9	144.6	149.9	151.0	-	-	212.9	224.7	224.5	-	-
Professional and business services.....		130.7	132.5	132.4	132.5	0.1	194.6	202.2	202.5	203.2	0.3
Professional and technical services.....	54	139.1	143.8	143.8	-	-	209.8	221.7	221.8	-	-
Legal services.....	5411	101.4	101.9	101.8	-	-	151.0	155.0	154.3	-	-
Offices of lawyers.....	54111	99.8	100.6	100.7	-	-	150.0	153.8	153.8	-	-
Other legal services.....	54119	121.9	119.7	120.5	-	-	169.4	179.1	174.5	-	-
Title abstract and settlement offices.....	541191	103.2	103.4	104.3	-	-	128.7	132.9	129.1	-	-
Accounting and bookkeeping services.....	5412	122.3	125.0	124.5	-	-	185.1	189.3	189.1	-	-
Offices of certified public accountants.....	541211	124.2	126.6	127.8	-	-	179.5	181.9	184.8	-	-
Payroll services.....	541214	144.7	159.7	156.0	-	-	239.0	248.7	245.8	-	-
Architectural and engineering services.....	5413	115.8	118.3	118.3	-	-	174.0	179.7	180.5	-	-
Architectural services.....	54131	101.9	105.7	105.2	-	-	148.9	156.9	156.1	-	-
Landscape architectural services.....	54132	87.1	92.1	89.1	-	-	147.9	156.1	150.2	-	-
Engineering and drafting services.....	54133,4	122.6	125.1	125.3	-	-	183.6	188.4	190.0	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	95.9	97.3	97.2	-	-	142.0	157.9	159.2	-	-
Testing laboratories.....	54138	112.9	116.6	114.9	-	-	163.0	169.1	165.5	-	-
Specialized design services.....	5414	122.5	126.0	122.6	-	-	197.7	204.1	201.3	-	-
Graphic design services.....	54143	102.8	102.6	101.1	-	-	180.0	178.3	177.7	-	-
Computer systems design and related services.....	5415	175.0	182.7	181.2	-	-	247.3	262.8	260.4	-	-
Custom computer programming services.....	541511	165.3	174.6	174.0	-	-	234.4	247.7	247.3	-	-

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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Computer systems design services.....	541512	212.4	224.2	221.6	-	-	285.7	306.7	302.4	-	-
Management and technical consulting services.....	5416	216.5	228.9	229.2	-	-	308.7	334.2	333.5	-	-
Management consulting services.....	54161	206.2	220.4	221.0	-	-	288.1	315.9	315.8	-	-
Administrative management consulting services.....	541611	214.9	231.1	232.2	-	-	338.7	365.5	366.7	-	-
Marketing consulting services.....	541613	344.5	372.4	372.8	-	-	448.9	496.4	499.1	-	-
Process and logistics consulting services.....	541614	218.6	229.2	228.2	-	-	242.7	280.3	281.6	-	-
Scientific research and development services.....	5417	134.8	138.8	138.8	-	-	218.1	231.9	231.4	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.8	147.3	147.0	-	-	229.7	246.8	245.9	-	-
Biotechnology research.....	541711	144.2	154.4	154.6	-	-	222.9	246.0	244.7	-	-
Physical, engineering, and life sciences research.....	541712	141.0	145.0	144.5	-	-	231.6	247.1	246.3	-	-
Social science and humanities research.....	54172	82.3	79.2	80.4	-	-	119.1	115.2	116.1	-	-
Advertising and related services.....	5418	126.6	129.9	128.9	-	-	207.5	219.5	217.8	-	-
Advertising agencies.....	54181	147.7	147.2	146.3	-	-	229.4	236.2	236.2	-	-
Public relations agencies.....	54182	128.9	126.9	124.7	-	-	197.2	201.4	197.2	-	-
Advertising material distribution and other advertising services.....	54187,9	140.8	153.0	154.9	-	-	206.0	242.4	244.1	-	-
Other professional and technical services.....	5419	151.1	160.0	159.8	-	-	234.1	260.9	261.8	-	-
Marketing research and public opinion polling.....	54191	94.4	96.7	95.3	-	-	150.4	151.7	151.4	-	-
Photographic services.....	54192	64.6	58.5	57.0	-	-	91.6	88.6	87.9	-	-
Veterinary services.....	54194	161.6	165.2	165.5	-	-	233.6	248.8	249.6	-	-
Miscellaneous professional and technical services.....	54193,9	326.1	391.4	394.5	-	-	535.1	680.6	687.0	-	-
Management of companies and enterprises.....	55	130.7	128.3	127.4	-	-	221.3	216.5	215.9	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	113.2	107.3	107.3	-	-	175.1	175.7	174.3	-	-
Managing offices.....	551114	132.1	129.5	128.4	-	-	225.1	219.3	218.6	-	-
Administrative and waste services.....	56	123.7	124.0	124.8	-	-	165.0	170.9	172.9	-	-
Administrative and support services.....	561	123.7	124.0	124.4	-	-	165.3	171.3	172.9	-	-
Office administrative services.....	5611	183.8	187.7	189.4	-	-	301.4	327.6	332.1	-	-
Facilities support services.....	5612	150.0	149.1	149.2	-	-	161.2	170.7	172.7	-	-
Employment services.....	5613	118.1	116.6	118.0	-	-	152.3	152.6	155.3	-	-
Employment placement agencies and executive search services.....	56131	109.7	107.7	109.6	-	-	181.2	177.4	184.2	-	-
Temporary help services.....	56132	141.6	140.4	141.7	-	-	178.8	180.8	183.0	-	-
Professional employer organizations.....	56133	49.8	48.5	49.3	-	-	64.8	63.4	65.3	-	-
Business support services.....	5614	132.9	132.2	132.0	-	-	179.4	187.9	188.4	-	-
Telephone call centers.....	56142	166.7	166.8	166.1	-	-	232.0	245.5	247.6	-	-
Business service centers.....	56143	96.7	95.0	94.5	-	-	129.3	129.9	128.6	-	-
Collection agencies.....	56144	95.3	92.6	92.1	-	-	133.9	130.9	130.4	-	-
Travel arrangement and reservation services.....	5615	88.4	84.1	84.0	-	-	137.7	135.3	135.9	-	-
Travel agencies.....	56151	74.1	73.2	74.4	-	-	100.8	96.0	98.1	-	-
Investigation and security services.....	5616	122.6	123.3	123.5	-	-	169.0	182.9	189.7	-	-
Security and armored car services.....	56161	120.8	121.3	121.3	-	-	164.9	179.3	185.4	-	-
Security systems services.....	56162	133.3	138.2	139.1	-	-	185.8	202.4	209.4	-	-
Services to buildings and dwellings.....	5617	129.2	132.2	130.9	-	-	173.0	183.3	180.7	-	-
Exterminating and pest control services.....	56171	141.5	149.8	152.6	-	-	209.9	230.3	228.6	-	-
Janitorial services.....	56172	125.0	128.1	127.9	-	-	164.5	174.4	174.1	-	-
Landscaping services.....	56173	134.9	138.9	136.4	-	-	181.5	194.0	189.6	-	-
Carpet and upholstery cleaning services.....	56174	92.3	90.8	92.1	-	-	128.8	122.2	123.7	-	-
Other services to buildings and dwellings.....	56179	123.8	122.6	119.2	-	-	146.9	153.7	150.0	-	-
Other support services.....	5619	104.2	113.2	113.7	-	-	133.0	144.6	144.9	-	-
Packaging and labeling services.....	56191	130.2	133.6	130.5	-	-	192.0	198.1	195.5	-	-
Convention and trade show organizers.....	56192	91.6	101.1	100.8	-	-	108.8	117.4	116.6	-	-
All other support services.....	56199	99.5	110.6	112.1	-	-	130.1	145.6	148.2	-	-
Waste management and remediation services.....	562	127.2	127.9	126.9	-	-	162.4	167.9	167.8	-	-
Waste collection.....	5621	150.4	155.5	155.6	-	-	199.6	208.1	208.9	-	-
Waste treatment and disposal.....	5622	90.7	89.8	90.2	-	-	131.9	138.7	140.8	-	-
Remediation and other waste services.....	5629	145.3	140.6	138.7	-	-	163.0	161.6	161.4	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Education and health services.....		134.8	137.7	138.3	138.7	0.3	198.5	205.7	207.0	207.9	0.4
Health care and social assistance.....	62	136.8	139.9	140.5	—	—	203.2	211.3	212.7	—	—
Health care <sup>5</sup> .....	621,2,3	133.0	136.5	136.7	—	—	202.5	210.9	211.7	—	—
Ambulatory health care services.....	621	151.7	157.0	157.8	—	—	229.2	241.7	242.3	—	—
Offices of physicians.....	6211	132.2	136.3	137.0	—	—	227.5	239.4	239.5	—	—
Offices of physicians, except mental health.....	621111	132.4	136.7	137.3	—	—	228.5	240.7	240.9	—	—
Offices of mental health physicians.....	621112	125.8	111.8	113.5	—	—	176.1	156.8	159.0	—	—
Offices of dentists.....	6212	128.2	129.9	131.0	—	—	176.5	183.3	183.4	—	—
Offices of other health practitioners.....	6213	164.8	171.0	171.8	—	—	235.7	247.8	248.0	—	—
Offices of chiropractors.....	62131	138.0	137.1	135.1	—	—	196.2	199.4	194.6	—	—
Offices of optometrists.....	62132	159.6	152.4	151.9	—	—	225.4	223.5	220.6	—	—
Offices of mental health practitioners.....	62133	106.7	120.3	120.8	—	—	133.6	147.4	146.9	—	—
Offices of specialty therapists.....	62134	185.9	194.3	194.8	—	—	267.6	278.9	280.9	—	—
Offices of all other health practitioners.....	62139	200.7	222.8	226.8	—	—	282.5	319.5	323.1	—	—
Outpatient care centers.....	6214	197.6	206.4	208.1	—	—	291.9	309.7	311.5	—	—
Outpatient mental health centers.....	62142	163.5	166.5	165.1	—	—	205.1	216.3	214.5	—	—
Outpatient care centers, except mental health.....	62141,9	215.4	226.8	230.6	—	—	330.4	351.0	355.0	—	—
Freestanding emergency medical centers.....	621493	209.0	209.2	211.6	—	—	335.4	326.7	325.3	—	—
Miscellaneous outpatient care centers.....	621410,98	206.1	220.2	223.5	—	—	311.9	339.9	346.0	—	—
Medical and diagnostic laboratories.....	6215	150.8	153.8	152.4	—	—	212.7	222.3	219.6	—	—
Medical laboratories.....	621511	155.0	155.4	153.1	—	—	218.3	233.6	228.8	—	—
Diagnostic imaging centers.....	621512	140.5	148.8	150.2	—	—	200.4	194.3	196.3	—	—
Home health care services.....	6216	195.5	209.2	208.7	—	—	256.7	282.2	282.0	—	—
Other ambulatory health care services.....	6219	157.1	154.9	157.8	—	—	233.3	234.7	237.7	—	—
Ambulance services.....	62191	161.4	161.2	164.8	—	—	228.2	230.4	231.9	—	—
All other ambulatory health care services.....	62199	150.8	147.2	148.1	—	—	241.6	241.4	244.6	—	—
Hospitals.....	622	125.4	127.9	128.1	—	—	199.6	205.4	206.4	—	—
General medical and surgical hospitals.....	6221	122.0	124.8	125.0	—	—	196.1	201.8	202.9	—	—
Nursing and residential care facilities.....	623	117.3	118.7	118.4	—	—	153.1	158.9	159.0	—	—
Nursing care facilities.....	6231	103.0	103.6	103.1	—	—	136.3	141.7	141.4	—	—
Residential mental health facilities.....	6232	126.6	128.5	129.0	—	—	165.0	172.4	173.4	—	—
Residential intellectual and developmental disability facilities.....	62321	120.1	120.6	121.0	—	—	149.5	154.3	155.2	—	—
Residential mental health and substance abuse facilities.....	62322	141.9	146.7	147.1	—	—	195.6	208.5	209.5	—	—
Community care facilities for the elderly.....	6233	158.5	161.9	162.9	—	—	208.8	216.7	219.1	—	—
Continuing care retirement communities.....	623311	191.0	194.6	195.3	—	—	254.0	264.3	266.0	—	—
Assisted living facilities for the elderly.....	623312	131.8	135.0	136.6	—	—	167.6	173.5	176.7	—	—
Other residential care facilities.....	6239	92.3	93.9	95.1	—	—	120.5	123.5	125.6	—	—
Social assistance.....	624	156.7	158.3	159.7	—	—	205.1	213.9	214.6	—	—
Individual and family services.....	6241	211.2	213.1	215.2	—	—	267.1	278.7	280.2	—	—
Child and youth services.....	62411	127.2	123.0	126.8	—	—	173.7	173.9	178.5	—	—
Services for the elderly and persons with disabilities.....	62412	269.6	273.0	274.7	—	—	345.6	364.7	366.5	—	—
Other individual and family services.....	62419	133.9	137.4	139.5	—	—	188.5	196.9	198.7	—	—
Emergency and other relief services.....	6242	124.6	129.9	128.3	—	—	171.8	188.6	184.4	—	—
Vocational rehabilitation services.....	6243	87.9	89.2	89.3	—	—	118.2	119.1	119.1	—	—
Child day care services.....	6244	122.8	124.0	124.2	—	—	162.4	169.4	168.0	—	—
Leisure and hospitality.....		124.0	124.9	126.3	125.1	-1.0	177.0	184.1	186.6	185.3	-0.7
Arts, entertainment, and recreation.....	71	112.3	113.2	113.4	—	—	154.1	160.9	161.5	—	—
Performing arts and spectator sports.....	711	123.2	123.7	122.8	—	—	174.5	189.1	190.7	—	—
Performing arts companies.....	7111	103.4	104.6	106.1	—	—	184.1	201.1	213.2	—	—
Spectator sports.....	7112	110.5	107.2	102.9	—	—	138.8	147.9	144.0	—	—
Arts and sports promoters and agents and managers for public figures.....	7113,4	179.2	180.9	178.5	—	—	225.5	258.6	249.5	—	—
Independent artists, writers, and performers.....	7115	122.4	124.6	118.5	—	—	193.8	192.8	181.3	—	—
Museums, historical sites, and similar institutions.....	712	121.2	126.4	124.2	—	—	162.7	174.5	170.9	—	—

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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>P</sup>	Dec. 2016 <sup>P</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>P</sup>
Museums.....	71211	113.1	115.9	113.5	-	-	146.6	159.1	154.9	-	-
Historical sites and other similar institutions.....	71212,3,9	134.8	143.9	141.6	-	-	196.3	205.9	203.7	-	-
Amusements, gambling, and recreation.....	713	109.0	108.8	110.5	-	-	145.4	147.3	149.7	-	-
Gambling industries.....	7132	94.5	94.8	96.0	-	-	141.0	146.1	147.6	-	-
Golf courses and country clubs.....	71391	118.5	118.2	121.6	-	-	157.0	161.1	165.1	-	-
Skiing facilities.....	71392	149.5	148.7	142.5	-	-	233.7	259.0	254.1	-	-
Marinas.....	71393	120.4	108.5	107.6	-	-	174.3	162.3	155.5	-	-
Fitness and recreational sports centers.....	71394	102.4	99.4	101.5	-	-	123.7	126.3	128.8	-	-
Bowling centers.....	71395	75.6	70.9	72.9	-	-	100.3	94.9	97.6	-	-
Accommodation and food services.....	72	125.9	127.2	128.6	-	-	182.6	190.4	192.9	-	-
Accommodation.....	721	107.5	107.4	108.1	-	-	148.7	152.0	153.2	-	-
Traveler accommodation.....	7211	106.8	106.3	106.9	-	-	148.1	150.8	152.0	-	-
Hotels and motels, except casino hotels.....	72111	110.5	110.3	111.2	-	-	154.7	157.9	159.6	-	-
RV parks and recreational camps.....	7212	145.2	153.9	152.1	-	-	194.7	198.9	194.6	-	-
Food services and drinking places.....	722	130.6	131.8	132.6	-	-	193.0	201.9	203.7	-	-
Special food services.....	7223	130.3	121.9	122.6	-	-	183.5	173.2	173.9	-	-
Food service contractors.....	72231	130.1	121.2	121.9	-	-	179.4	165.9	165.3	-	-
Caterers and mobile food services.....	72232,3	127.7	123.8	125.1	-	-	194.5	199.8	203.9	-	-
Drinking places, alcoholic beverages.....	7224	92.6	93.9	94.1	-	-	151.2	167.1	168.4	-	-
Restaurants and other eating places.....	7225	132.0	134.5	135.4	-	-	195.3	206.5	208.4	-	-
Full-service restaurants.....	722511	128.7	130.3	130.4	-	-	201.2	211.1	211.5	-	-
Limited-service restaurants.....	722513	133.2	135.8	137.4	-	-	182.8	195.2	198.0	-	-
Cafeterias, grill buffets, and buffets.....	722514	82.3	81.7	80.4	-	-	107.1	109.0	107.5	-	-
Snack and nonalcoholic beverage bars.....	722515	191.5	197.8	200.9	-	-	267.3	283.1	288.6	-	-
Other services.....	81	101.7	102.4	102.5	102.4	-0.1	142.1	144.6	144.7	144.5	-0.1
Repair and maintenance.....	811	107.6	106.4	106.4	-	-	143.9	144.0	144.1	-	-
Automotive repair and maintenance.....	8111	104.8	105.7	106.6	-	-	138.5	142.1	143.7	-	-
Automotive mechanical and electrical repair.....	81111	103.8	103.5	103.0	-	-	135.6	139.5	139.8	-	-
General automotive repair.....	811111	116.1	116.6	116.4	-	-	149.2	154.5	155.5	-	-
Automotive body, interior, and glass repair.....	81112	104.5	105.5	106.0	-	-	139.7	142.2	143.4	-	-
Other automotive repair and maintenance.....	81119	109.0	110.6	113.4	-	-	146.7	150.2	152.3	-	-
Car washes.....	811192	114.9	120.2	124.1	-	-	154.2	164.5	168.7	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	102.1	98.2	98.4	-	-	138.7	134.4	132.8	-	-
Electronic equipment repair and maintenance.....	8112	98.6	92.9	93.8	-	-	128.0	122.7	121.7	-	-
Computer and office machine repair.....	811212	86.2	77.7	80.8	-	-	107.5	104.9	106.0	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	108.2	104.8	104.4	-	-	145.6	135.5	134.0	-	-
Commercial machinery repair and maintenance.....	8113	138.0	133.7	132.0	-	-	192.6	187.4	185.4	-	-
Household goods repair and maintenance.....	8114	88.7	75.7	75.6	-	-	110.4	93.0	93.2	-	-
Personal and laundry services.....	812	104.4	105.0	104.3	-	-	141.9	145.9	144.5	-	-
Personal care services.....	8121	121.2	121.2	120.6	-	-	177.4	182.3	180.0	-	-
Hair, nail, and skin care services.....	81211	111.5	110.3	109.3	-	-	157.5	162.2	158.7	-	-
Other personal care services.....	81219	199.8	207.3	209.2	-	-	349.5	352.3	364.4	-	-
Death care services.....	8122	92.5	94.0	93.5	-	-	122.7	132.8	129.3	-	-
Drycleaning and laundry services.....	8123	78.6	79.8	78.2	-	-	99.9	103.8	102.4	-	-
Coin-operated laundries and drycleaners.....	81231	79.6	78.3	76.7	-	-	94.1	98.6	94.9	-	-
Drycleaning and laundry services, except coin-operated.....	81232	63.7	63.7	61.8	-	-	82.0	86.2	84.1	-	-
Linen and uniform supply.....	81233	97.3	101.2	100.2	-	-	118.7	123.2	122.2	-	-
Other personal services.....	8129	122.5	124.8	125.0	-	-	148.9	150.2	149.9	-	-
Pet care services, except veterinary.....	81291	290.8	314.8	317.4	-	-	327.9	341.8	346.1	-	-
Parking lots and garages.....	81293	130.8	127.6	126.8	-	-	160.5	160.9	159.7	-	-
Membership associations and organizations.....	813	97.8	99.4	99.6	-	-	141.3	144.3	144.7	-	-
Grantmaking and giving services.....	8132	138.0	140.9	142.8	-	-	255.9	246.8	247.1	-	-
Grantmaking foundations.....	813211	236.8	249.9	251.1	-	-	439.6	433.2	429.9	-	-
Social advocacy organizations.....	8133	116.1	121.0	120.8	-	-	174.2	194.3	193.3	-	-

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>				
		Dec. 2015	Oct. 2016	Nov. 2016 <sup>p</sup>	Dec. 2016 <sup>p</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>p</sup>	Dec. 2015	Oct. 2016	Nov. 2016 <sup>p</sup>	Dec. 2016 <sup>p</sup>	Percent change from: Nov.2016 - Dec.2016 <sup>p</sup>
Human rights organizations.....	813311	112.0	108.3	111.7	—	—	151.6	157.2	158.1	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	117.6	124.7	124.3	—	—	182.9	207.4	206.7	—	—
Civic and social organizations.....	8134	79.7	81.0	82.2	—	—	103.0	109.9	111.9	—	—
Professional and similar organizations.....	8139	93.6	102.2	102.6	—	—	136.2	150.3	151.9	—	—
Business associations.....	81391	94.5	101.0	100.9	—	—	140.1	152.8	153.7	—	—
Professional organizations.....	81392	134.5	128.6	129.2	—	—	202.3	197.8	198.0	—	—
Labor unions and similar labor organizations.....	81393	75.3	84.6	84.1	—	—	106.1	119.1	120.1	—	—
Miscellaneous professional and similar organizations. . .	81394,9	90.9	108.0	108.1	—	—	135.7	171.6	172.2	—	—

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

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

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

<sup>4</sup> 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.

p Preliminary