

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Total private.....		113.8	113.7	114.1	114.1	0.0	160.1	162.4	163.9	163.9	0.0
Goods-producing.....		92.1	91.1	90.9	91.4	0.6	124.6	126.2	126.6	127.4	0.6
Mining and logging.....		146.1	115.5	117.5	117.5	0.0	223.4	181.0	184.1	182.9	-0.7
Logging.....	1133	88.2	77.1	78.6	-	-	127.4	113.1	114.0	-	-
Mining.....	21	153.9	120.4	122.8	-	-	234.3	188.2	192.2	-	-
Oil and gas extraction.....	211	175.0	142.3	144.2	-	-	271.8	250.7	254.9	-	-
Mining, except oil and gas.....	212	98.4	87.7	87.1	-	-	139.5	123.6	123.7	-	-
Coal mining.....	2121	83.0	68.7	67.2	-	-	122.1	97.4	96.4	-	-
Stone mining and quarrying.....	21231	93.2	90.3	88.6	-	-	125.1	126.2	123.6	-	-
Crushed and broken limestone mining.....	212312	85.6	85.3	84.3	-	-	125.4	123.4	122.2	-	-
Other stone mining and quarrying.....	212311,3,9	103.1	97.0	94.3	-	-	124.6	129.9	125.6	-	-
Support activities for mining.....	213	208.4	148.9	154.8	-	-	343.9	244.7	253.6	-	-
Support activities for oil and gas operations.....	213112	228.6	161.5	169.3	-	-	419.7	294.6	304.4	-	-
Construction.....	23	104.2	105.6	106.1	106.0	-0.1	142.7	148.4	150.0	150.2	0.1
Construction of buildings.....	236	92.0	93.9	94.7	-	-	128.3	134.4	137.8	-	-
Residential building.....	2361	86.7	90.5	90.9	-	-	117.3	126.8	128.2	-	-
New single-family general contractors.....	236115	67.2	69.8	69.7	-	-	93.6	98.7	99.4	-	-
Residential remodelers.....	236118	124.2	129.8	131.1	-	-	158.7	175.9	179.2	-	-
Nonresidential building.....	2362	97.3	97.3	98.5	-	-	137.5	140.6	145.8	-	-
Industrial building.....	23621	83.6	81.5	83.1	-	-	121.2	121.4	123.9	-	-
Commercial building.....	23622	102.4	103.4	104.4	-	-	143.5	147.9	154.0	-	-
Heavy and civil engineering construction.....	237	115.0	109.1	109.5	-	-	172.5	167.5	169.5	-	-
Utility system construction.....	2371	136.2	125.1	124.2	-	-	215.5	204.2	202.7	-	-
Water and sewer system construction.....	23711	97.6	96.3	98.2	-	-	135.6	135.1	139.1	-	-
Oil and gas pipeline construction.....	23712	205.4	165.3	161.0	-	-	360.8	319.5	302.7	-	-
Power and communication system construction..	23713	141.1	136.9	134.6	-	-	229.9	223.4	224.5	-	-
Land subdivision.....	2372	22.1	21.5	21.7	-	-	37.4	40.8	42.8	-	-
Highway, street, and bridge construction.....	2373	113.4	113.2	115.0	-	-	158.8	160.8	166.0	-	-
Other heavy construction.....	2379	98.2	91.1	92.0	-	-	141.7	132.9	135.8	-	-
Specialty trade contractors.....	238	105.7	108.4	108.7	-	-	140.2	148.0	148.6	-	-
Building foundation and exterior contractors.....	2381	98.3	102.4	102.3	-	-	131.2	138.3	137.3	-	-
Poured concrete structure contractors.....	23811	111.0	118.9	122.2	-	-	158.3	175.6	177.7	-	-
Steel and precast concrete contractors.....	23812	91.5	98.1	93.9	-	-	134.6	133.8	127.5	-	-
Framing contractors.....	23813	68.2	66.6	64.9	-	-	79.7	78.4	78.3	-	-
Masonry contractors.....	23814	74.7	77.3	76.2	-	-	99.1	99.0	96.6	-	-
Glass and glazing contractors.....	23815	119.7	125.8	127.3	-	-	151.3	169.9	168.2	-	-
Roofing contractors.....	23816	119.3	125.4	126.7	-	-	157.2	172.9	177.2	-	-
Siding contractors.....	23817	123.4	114.0	112.8	-	-	189.8	199.0	186.7	-	-
Other building exterior contractors.....	23819	145.1	147.0	147.3	-	-	187.3	188.5	182.7	-	-
Building equipment contractors.....	2382	107.7	114.9	115.7	-	-	141.7	156.4	157.4	-	-
Electrical contractors.....	23821	95.7	103.2	103.9	-	-	129.1	145.2	145.5	-	-
Plumbing and HVAC contractors.....	23822	118.3	124.9	126.2	-	-	154.7	166.0	168.1	-	-
Other building equipment contractors.....	23829	130.2	135.9	133.8	-	-	156.4	177.6	176.2	-	-
Building finishing contractors.....	2383	93.0	90.9	92.8	-	-	124.3	123.1	127.1	-	-
Drywall and insulation contractors.....	23831	78.7	75.1	76.9	-	-	107.1	103.8	107.7	-	-
Painting and wall covering contractors.....	23832	98.1	99.1	101.2	-	-	123.4	125.7	128.3	-	-
Flooring contractors.....	23833	92.7	87.2	94.3	-	-	127.6	113.5	130.6	-	-
Tile and terrazzo contractors.....	23834	126.2	114.9	117.9	-	-	175.7	171.3	173.2	-	-
Finish carpentry contractors.....	23835	99.9	100.4	101.2	-	-	139.8	141.8	144.3	-	-
Other building finishing contractors.....	23839	109.2	110.1	110.0	-	-	153.2	165.3	165.6	-	-
Other specialty trade contractors.....	2389	130.1	123.3	121.0	-	-	172.6	169.5	167.8	-	-
Site preparation contractors.....	23891	128.1	122.0	120.7	-	-	166.3	167.7	168.5	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
All other specialty trade contractors.....	23899	132.6	125.0	121.3	-	-	180.3	171.9	166.9	-	-
Manufacturing.....		84.0	83.5	82.8	83.5	0.8	109.6	111.4	110.8	111.8	0.9
Durable goods.....		85.2	84.8	83.8	84.1	0.4	111.8	113.4	112.2	113.1	0.8
Wood products.....	321	71.7	71.5	70.8	71.1	0.4	94.8	97.7	97.5	97.4	-0.1
Sawmills and wood preservation.....	3211	74.8	73.2	72.4	-	-	95.0	97.7	98.0	-	-
Plywood and engineered wood products.....	3212	73.6	75.5	75.1	-	-	100.6	105.9	105.7	-	-
Other wood products.....	3219	69.6	69.2	68.6	-	-	92.2	94.3	94.0	-	-
Millwork.....	32191	66.5	64.9	65.3	-	-	86.9	88.2	88.8	-	-
Wood windows and doors.....	321911	62.7	59.1	63.9	-	-	89.5	87.3	94.2	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	70.2	70.0	66.5	-	-	84.8	89.0	83.8	-	-
Wood containers and pallets.....	32192	91.3	89.6	86.4	-	-	129.3	135.3	131.9	-	-
All other wood products.....	32199	60.1	62.7	62.0	-	-	80.4	81.9	80.9	-	-
Nonmetallic mineral products.....	327	79.4	79.4	79.3	78.5	-1.0	104.0	104.7	105.8	104.0	-1.7
Cement and concrete products.....	3273	86.7	89.3	90.9	-	-	120.5	119.8	122.5	-	-
Ready-mix concrete.....	32732	84.7	85.1	88.3	-	-	117.8	113.8	117.2	-	-
Other cement and concrete products.....	32731,3,9	88.9	94.4	94.3	-	-	124.1	128.4	130.4	-	-
Primary metals.....	331	80.7	76.0	75.8	75.6	-0.3	102.2	99.6	99.7	99.3	-0.4
Foundries.....	3315	69.7	63.7	63.2	-	-	86.2	81.3	80.6	-	-
Fabricated metal products.....	332	96.8	94.0	93.7	93.5	-0.2	126.4	124.7	126.0	125.6	-0.3
Forging and stamping.....	3321	91.6	93.1	92.8	-	-	115.5	120.5	125.1	-	-
Architectural and structural metals.....	3323	98.8	96.3	97.7	-	-	129.5	126.8	129.6	-	-
Plate work and fabricated structural products...	33231	100.1	95.3	95.4	-	-	136.7	130.2	132.6	-	-
Fabricated structural metal products.....	332312	103.9	97.3	99.5	-	-	146.1	133.7	138.7	-	-
Ornamental and architectural metal products...	33232	97.6	97.1	99.4	-	-	123.6	124.0	126.9	-	-
Sheet metal work.....	332322	116.4	112.7	115.0	-	-	145.0	140.7	144.2	-	-
Boilers, tanks, and shipping containers.....	3324	117.4	99.7	100.6	-	-	146.7	133.0	135.8	-	-
Machine shops and threaded products.....	3327	118.4	113.5	112.8	-	-	150.9	145.9	146.0	-	-
Machine shops.....	33271	125.9	121.2	120.7	-	-	162.0	157.6	158.5	-	-
Turned products and screws, nuts, and bolts...	33272	99.0	94.4	92.8	-	-	121.3	115.4	112.7	-	-
Coating, engraving, and heat treating metals.....	3328	93.5	91.8	90.3	-	-	123.9	119.3	120.2	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	117.8	111.8	109.7	-	-	153.8	142.9	143.4	-	-
Electroplating, anodizing, and coloring metals...	332813	73.5	75.4	74.0	-	-	98.3	99.1	100.1	-	-
Other fabricated metal products.....	3329	94.4	94.3	92.5	-	-	125.5	130.2	129.8	-	-
Metal valves.....	33291	87.7	83.4	81.1	-	-	121.5	119.3	117.1	-	-
All other fabricated metal products.....	33299	98.1	100.1	98.5	-	-	127.5	135.7	136.3	-	-
Machinery.....	333	92.8	91.6	91.4	91.0	-0.4	125.2	125.4	125.5	125.1	-0.3
Agricultural, construction, and mining machinery.....	3331	114.6	103.0	102.0	-	-	166.8	143.9	143.6	-	-
Farm machinery and equipment.....	333111	101.2	90.8	87.9	-	-	138.1	126.5	124.0	-	-
Industrial machinery.....	3332	87.1	92.2	92.4	-	-	124.1	126.5	130.8	-	-
Commercial and service industry machinery.....	3333	72.9	74.6	75.1	-	-	112.4	119.3	118.8	-	-
HVAC and commercial refrigeration equipment...	3334	83.8	88.0	87.7	-	-	111.1	118.4	117.8	-	-
Metalworking machinery.....	3335	89.1	85.1	85.4	-	-	109.3	108.7	110.1	-	-
Special tools, dies, jigs, and fixtures.....	333514	83.9	78.9	77.7	-	-	106.4	103.8	102.6	-	-
Turbine and power transmission equipment.....	3336	80.7	81.0	77.2	-	-	93.1	102.8	98.5	-	-
Other general purpose machinery.....	3339	101.5	102.8	103.5	-	-	141.3	145.8	145.5	-	-
Computer and electronic products.....	334	82.8	82.3	81.9	82.8	1.1	119.6	125.4	121.5	124.6	2.6
Communications equipment.....	3342	53.2	56.7	58.6	-	-	72.3	73.2	74.4	-	-
Semiconductors and electronic components.....	3344	72.8	72.5	71.7	-	-	100.1	100.6	98.8	-	-
Semiconductors and related devices.....	334413	71.6	72.3	70.4	-	-	120.2	119.9	115.8	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	76.9	70.6	69.7	-	-	98.4	96.7	95.4	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Electronic instruments.....	3345	127.6	124.3	122.8	-	-	209.9	217.6	207.8	-	-
Electrical equipment and appliances.....	335	77.3	80.1	78.1	78.2	0.1	105.0	110.1	108.1	108.0	-0.1
Electrical equipment.....	3353	92.2	88.4	87.5	-	-	119.0	121.0	121.7	-	-
Other electrical equipment and components.....	3359	86.4	89.2	86.7	-	-	121.3	124.3	120.8	-	-
Transportation equipment.....	336	89.0	90.2	87.8	89.4	1.8	107.9	109.2	106.5	108.7	2.1
Motor vehicles and parts <sup>4</sup> .....	3361,2,3	79.4	82.4	79.2	81.4	2.8	80.6	84.1	81.4	83.8	2.9
Motor vehicles.....	3361	76.0	81.0	75.9	-	-	76.3	85.4	81.5	-	-
Motor vehicle bodies and trailers.....	3362	107.4	108.0	106.1	-	-	122.0	118.9	118.0	-	-
Motor vehicle parts.....	3363	75.4	78.0	75.3	-	-	76.8	78.1	75.9	-	-
Motor vehicle gasoline engine and parts.....	33631	72.8	70.2	69.5	-	-	82.9	76.0	74.8	-	-
Motor vehicle power train components.....	33635	81.5	90.1	87.0	-	-	80.1	89.2	86.8	-	-
Motor vehicle metal stamping.....	33637	83.1	80.4	76.7	-	-	80.2	77.5	75.1	-	-
All other motor vehicle parts.....	33639	84.1	86.2	83.4	-	-	90.5	94.3	92.1	-	-
Aerospace products and parts.....	3364	127.9	128.7	126.8	-	-	211.8	211.5	207.2	-	-
Aircraft.....	336411	121.8	122.0	119.7	-	-	185.2	186.0	181.1	-	-
Furniture and related products.....	337	62.2	62.0	61.9	62.8	1.5	80.0	82.4	82.2	84.3	2.6
Household and institutional furniture.....	3371	57.9	59.3	59.1	-	-	75.0	79.9	79.1	-	-
Wood kitchen cabinets and countertops.....	33711	72.8	73.9	73.4	-	-	92.9	99.3	97.2	-	-
Other household and institutional furniture.....	33712	49.4	50.7	50.9	-	-	64.0	67.6	67.8	-	-
Upholstered household furniture.....	337121	69.6	72.2	72.5	-	-	81.8	88.8	90.4	-	-
Miscellaneous durable goods manufacturing.....	339	85.2	88.0	87.0	86.7	-0.3	116.6	124.5	123.6	124.6	0.8
Medical equipment and supplies.....	3391	107.0	114.1	113.6	-	-	142.9	157.3	158.4	-	-
Surgical appliances and supplies.....	339113	116.1	108.5	107.3	-	-	153.6	143.6	140.7	-	-
Dental laboratories.....	339116	83.4	80.8	78.4	-	-	117.9	115.5	109.7	-	-
Other miscellaneous durable goods manufacturing.....	3399	69.4	69.2	67.8	-	-	95.8	98.3	95.8	-	-
Signs.....	33995	97.2	92.0	92.4	-	-	125.9	123.1	123.0	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.6	69.9	67.2	-	-	96.9	101.9	96.7	-	-
Nondurable goods.....		82.3	81.6	81.3	82.4	1.4	105.7	108.0	108.3	109.3	0.9
Food manufacturing.....	311	105.2	104.9	105.9	109.1	3.0	133.0	137.2	139.0	143.4	3.2
Sugar and confectionery products.....	3113	85.8	75.5	76.0	-	-	93.9	88.5	85.5	-	-
Fruit and vegetable preserving and specialty.....	3114	105.7	90.4	98.6	-	-	135.1	118.4	127.3	-	-
Frozen food.....	31141	88.7	94.6	94.5	-	-	116.7	126.9	126.1	-	-
Fruit and vegetable canning and drying.....	31142	123.9	85.8	103.3	-	-	151.9	110.3	128.9	-	-
Dairy products.....	3115	109.4	112.6	113.8	-	-	148.6	157.1	157.9	-	-
Animal slaughtering and processing.....	3116	98.7	101.4	100.1	-	-	127.3	133.8	132.8	-	-
Poultry processing.....	311615	97.6	100.8	100.6	-	-	123.8	132.1	131.7	-	-
Seafood product preparation and packaging.....	3117	123.4	135.2	164.5	-	-	173.7	191.8	231.2	-	-
Bakeries and tortilla manufacturing.....	3118	103.8	104.4	101.3	-	-	129.5	137.4	134.3	-	-
Textile mills.....	313	38.2	37.5	36.9	36.4	-1.4	48.2	51.3	50.1	49.0	-2.2
Textile product mills.....	314	52.6	53.7	53.3	52.9	-0.8	64.4	67.0	67.5	66.6	-1.3
Apparel.....	315	38.5	34.7	33.4	34.3	2.7	57.2	52.2	49.3	49.6	0.6
Paper and paper products.....	322	67.0	67.2	67.0	67.2	0.3	85.9	86.1	86.2	86.1	-0.1
Pulp, paper, and paperboard mills.....	3221	64.2	61.8	61.4	-	-	80.4	77.8	78.8	-	-
Converted paper products.....	3222	68.2	69.5	69.5	-	-	89.7	91.6	91.5	-	-
Paperboard containers.....	32221	69.6	70.0	70.6	-	-	90.3	90.4	91.2	-	-
Corrugated and solid fiber boxes.....	322211	68.3	69.0	69.6	-	-	83.9	87.4	89.1	-	-
Paper bags and coated and treated paper.....	32222	70.0	70.5	69.5	-	-	89.5	93.1	91.7	-	-
Printing and related support activities.....	323	66.1	63.6	62.6	62.7	0.2	81.3	78.8	78.4	78.9	0.6
Petroleum and coal products.....	324	105.5	105.2	106.9	104.1	-2.6	170.6	175.9	180.6	176.8	-2.1
Chemicals.....	325	95.4	96.9	96.6	96.3	-0.3	115.4	123.0	124.5	123.4	-0.9
Basic chemicals.....	3251	89.4	88.3	87.5	-	-	108.7	115.6	115.5	-	-
Resin, rubber, and artificial fibers.....	3252	86.0	80.5	81.8	-	-	109.6	112.1	115.4	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Pharmaceuticals and medicines.....	3254	123.9	128.0	128.3	-	-	158.7	160.2	162.0	-	-
Soaps, cleaning compounds, and toiletries.....	3256	91.2	92.0	90.7	-	-	106.5	105.5	108.2	-	-
Plastics and rubber products.....	326	84.8	83.9	82.3	83.4	1.3	105.5	106.2	104.5	104.9	0.4
Plastics products.....	3261	87.6	85.8	85.7	-	-	114.8	113.7	114.4	-	-
Plastics packaging materials, film, and sheet...	32611	102.8	102.5	104.4	-	-	125.6	126.0	126.7	-	-
Foam products.....	32614,5	106.9	107.1	110.3	-	-	129.8	135.7	141.7	-	-
Other plastics products.....	32619	80.6	78.4	76.5	-	-	109.6	108.2	106.5	-	-
Rubber products.....	3262	75.6	77.0	70.4	-	-	80.3	85.2	77.0	-	-
Miscellaneous nondurable goods manufacturing...	312,6	102.0	97.1	97.5	97.5	0.0	122.0	119.9	120.8	121.9	0.9
Private service-providing.....		120.1	120.4	120.4	120.3	-0.1	171.4	174.2	175.3	175.1	-0.1
Trade, transportation, and utilities.....		108.2	107.7	107.9	107.9	0.0	144.4	145.3	146.2	145.7	-0.3
Wholesale trade.....	42	108.7	108.8	108.2	108.1	-0.1	151.6	153.9	154.4	153.4	-0.6
Durable goods.....	423	101.8	100.9	100.8	-	-	134.6	137.1	138.4	-	-
Motor vehicles and parts.....	4231	101.7	100.7	100.6	-	-	136.0	130.4	131.4	-	-
Motor vehicles.....	42311	100.2	98.7	97.6	-	-	130.9	127.8	127.9	-	-
New motor vehicle parts.....	42312	96.7	96.2	97.1	-	-	132.3	127.2	129.7	-	-
Furniture and furnishings.....	4232	93.5	90.8	89.0	-	-	110.9	111.2	108.8	-	-
Lumber and construction supplies.....	4233	96.7	100.7	102.5	-	-	133.2	142.6	144.1	-	-
Lumber and wood.....	42331	86.0	89.6	90.2	-	-	119.0	130.2	131.0	-	-
Masonry materials.....	42332	104.8	103.5	103.8	-	-	128.2	140.0	137.9	-	-
Roofing, siding, and other construction materials.....	42333,9	115.9	125.9	132.1	-	-	176.1	176.9	184.2	-	-
Commercial equipment.....	4234	93.4	93.6	93.2	-	-	117.0	125.0	127.8	-	-
Office equipment.....	42342	72.9	70.8	70.6	-	-	93.9	100.3	102.6	-	-
Computer and software.....	42343	79.2	82.5	81.9	-	-	95.0	108.0	109.4	-	-
Medical equipment.....	42345	130.6	124.0	124.0	-	-	178.2	170.8	179.2	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	102.8	107.6	107.2	-	-	142.6	156.0	157.4	-	-
Metals and minerals.....	4235	104.4	99.5	98.8	-	-	141.2	140.0	137.1	-	-
Electric goods.....	4236	96.0	95.0	94.6	-	-	129.7	130.7	131.5	-	-
Electrical equipment and wiring.....	42361	109.9	105.5	106.4	-	-	150.8	147.1	147.7	-	-
Electric appliances and other electronic parts.....	42362,9	84.3	85.8	84.4	-	-	113.0	117.3	118.2	-	-
Hardware and plumbing.....	4237	110.1	109.9	109.9	-	-	153.8	158.8	159.1	-	-
Hardware.....	42371	111.4	112.2	110.8	-	-	163.3	172.3	168.1	-	-
Plumbing equipment.....	42372	112.0	114.2	114.8	-	-	166.4	171.5	174.1	-	-
HVAC and refrigeration equipment.....	42373,4	106.9	102.4	103.5	-	-	134.0	135.1	137.3	-	-
Machinery and supplies.....	4238	107.4	106.1	105.4	-	-	145.3	147.7	147.8	-	-
Construction equipment.....	42381	110.8	110.2	110.5	-	-	139.0	141.9	144.7	-	-
Farm and garden equipment.....	42382	108.9	112.2	110.1	-	-	164.9	179.3	177.6	-	-
Industrial machinery.....	42383	105.3	102.1	101.5	-	-	144.5	145.1	144.8	-	-
Industrial supplies.....	42384	126.4	127.9	128.5	-	-	171.1	175.9	179.0	-	-
Miscellaneous durable goods.....	4239	116.8	112.3	111.6	-	-	167.5	158.8	158.2	-	-
Sporting goods.....	42391	103.1	99.5	97.9	-	-	135.5	135.2	133.5	-	-
Recyclable materials.....	42393	119.4	114.0	113.3	-	-	150.7	148.3	149.6	-	-
Nondurable goods.....	424	106.2	108.7	107.3	-	-	145.7	149.9	148.1	-	-
Paper and paper products.....	4241	84.7	84.6	83.2	-	-	125.9	121.9	120.8	-	-
Druggists' goods.....	4242	90.6	87.8	85.4	-	-	131.0	127.6	126.7	-	-
Apparel and piece goods.....	4243	108.0	108.0	105.0	-	-	152.5	143.1	141.3	-	-
Grocery and related products.....	4244	113.1	115.1	115.3	-	-	151.5	157.2	157.4	-	-
General line grocery.....	42441	110.3	114.2	114.3	-	-	147.1	157.4	156.8	-	-
Fruits and vegetables.....	42448	145.4	142.0	144.4	-	-	189.3	192.9	195.8	-	-
Farm product raw materials.....	4245	105.3	114.8	111.9	-	-	152.5	175.3	166.9	-	-
Chemicals.....	4246	105.8	103.7	101.3	-	-	133.8	139.4	133.9	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Petroleum.....	4247	105.6	102.3	103.7	-	-	161.0	160.6	160.7	-	-
Alcoholic beverages.....	4248	149.3	151.8	153.1	-	-	194.3	197.5	197.9	-	-
Misc. nondurable goods.....	4249	94.3	103.8	99.0	-	-	128.5	141.3	135.4	-	-
Farm supplies.....	42491	106.5	121.2	111.5	-	-	145.4	161.4	150.2	-	-
Nursery stock and florists' supplies.....	42493	70.2	82.7	77.9	-	-	105.3	113.4	107.9	-	-
Electronic markets and agents and brokers.....	425	153.7	150.3	150.4	-	-	243.5	238.7	242.9	-	-
Business to business electronic markets.....	42511	46.4	46.6	48.0	-	-	66.2	64.9	69.5	-	-
Wholesale trade agents and brokers.....	42512	169.5	165.7	165.6	-	-	263.0	258.1	262.4	-	-
Retail trade.....		103.5	102.5	103.3	103.1	-0.2	132.1	131.4	133.0	131.8	-0.9
Motor vehicle and parts dealers.....	441	114.7	114.1	114.0	-	-	138.8	137.0	137.9	-	-
Automobile dealers.....	4411	113.6	112.4	112.4	-	-	131.9	129.6	130.0	-	-
New car dealers.....	44111	109.2	107.5	107.4	-	-	126.9	123.2	123.9	-	-
Used car dealers.....	44112	170.0	175.7	176.1	-	-	216.2	241.9	236.5	-	-
Other motor vehicle dealers.....	4412	116.5	120.8	120.5	-	-	157.7	168.0	165.3	-	-
Auto parts, accessories, and tire stores.....	4413	117.1	116.1	115.9	-	-	159.6	155.3	158.4	-	-
Automotive parts and accessories stores.....	44131	115.1	114.4	114.3	-	-	166.1	160.1	163.8	-	-
Tire dealers.....	44132	121.2	119.3	118.6	-	-	147.3	146.1	148.1	-	-
Furniture and home furnishings stores.....	442	89.3	93.7	92.0	-	-	117.0	125.5	125.8	-	-
Furniture stores.....	4421	89.8	92.7	90.7	-	-	115.5	121.5	122.4	-	-
Home furnishings stores.....	4422	88.9	94.7	93.7	-	-	119.4	130.7	130.8	-	-
Floor covering stores.....	44221	70.9	73.5	74.1	-	-	99.1	103.4	106.1	-	-
Other home furnishings stores.....	44229	103.7	112.0	109.8	-	-	142.3	161.6	158.8	-	-
Electronics and appliance stores.....	443	108.8	105.3	103.0	-	-	156.7	149.8	148.3	-	-
Household appliance stores.....	443141	70.4	63.4	63.7	-	-	87.5	82.3	82.9	-	-
Electronics stores.....	443142	116.0	113.1	110.4	-	-	167.2	159.9	158.2	-	-
Building material and garden supply stores.....	444	96.6	105.4	101.9	-	-	120.6	130.9	129.1	-	-
Building material and supplies dealers.....	4441	94.8	101.8	99.4	-	-	117.9	126.1	125.2	-	-
Home centers.....	44411	102.9	112.4	108.1	-	-	121.1	133.7	130.1	-	-
Hardware stores.....	44413	86.2	91.2	91.6	-	-	110.6	122.2	123.0	-	-
Lawn and garden equipment and supplies stores...	4442	110.0	131.2	120.3	-	-	141.9	169.3	161.3	-	-
Food and beverage stores.....	445	95.6	94.3	96.0	-	-	115.2	112.5	113.8	-	-
Grocery stores.....	4451	96.7	95.3	97.3	-	-	117.8	114.7	116.6	-	-
Supermarkets and other grocery stores.....	44511	95.7	94.4	96.0	-	-	116.7	113.4	114.8	-	-
Convenience stores.....	44512	118.9	114.5	120.0	-	-	149.5	149.4	155.1	-	-
Specialty food stores.....	4452	79.9	79.2	79.2	-	-	90.1	88.8	88.2	-	-
Meat markets and fish and seafood markets.....	44521,2	96.0	92.1	93.5	-	-	118.3	115.4	115.6	-	-
Beer, wine, and liquor stores.....	4453	98.7	101.0	101.3	-	-	107.7	111.6	110.3	-	-
Health and personal care stores.....	446	101.5	101.5	103.5	-	-	140.1	140.9	144.1	-	-
Pharmacies and drug stores.....	44611	96.3	96.1	98.4	-	-	136.2	140.6	143.8	-	-
Cosmetic and beauty supply stores.....	44612	126.9	117.2	121.2	-	-	147.9	134.6	140.7	-	-
Optical goods stores.....	44613	124.0	133.9	136.5	-	-	186.7	184.7	190.7	-	-
Other health and personal care stores.....	44619	99.9	101.6	101.5	-	-	134.8	122.8	124.8	-	-
Gasoline stations.....	447	104.1	103.3	105.5	-	-	133.3	137.2	139.2	-	-
Gasoline stations with convenience stores.....	44711	108.6	107.9	110.1	-	-	139.3	144.4	146.3	-	-
Other gasoline stations.....	44719	81.1	79.5	80.2	-	-	107.4	104.9	105.8	-	-
Clothing and clothing accessories stores.....	448	95.8	91.5	93.1	-	-	118.2	118.2	120.4	-	-
Clothing stores.....	4481	96.0	89.8	91.9	-	-	113.7	112.0	115.0	-	-
Women's clothing stores.....	44812	123.5	119.1	118.6	-	-	149.5	156.6	153.6	-	-
Family clothing stores.....	44814	80.4	75.1	79.0	-	-	90.5	89.7	94.7	-	-
Clothing accessories stores.....	44815	142.3	124.3	122.9	-	-	187.9	166.4	165.4	-	-
Shoe stores.....	4482	121.2	118.5	118.8	-	-	187.3	189.3	189.1	-	-
Jewelry, luggage, and leather goods stores.....	4483	75.2	78.1	78.5	-	-	94.6	99.2	100.1	-	-
Sporting goods, hobby, book, and music stores.....	451	104.4	105.9	104.3	-	-	140.5	145.3	146.9	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Aug. 2015		June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	
Sporting goods and musical instrument stores.....	4511	119.1	123.5	121.8	-	-	157.6	164.3	166.5	-	-	
Sporting goods stores.....	45111	152.3	157.0	155.2	-	-	197.3	202.9	206.9	-	-	
Hobby, toy, and game stores.....	45112	87.5	90.8	92.6	-	-	105.5	117.4	118.2	-	-	
Book stores and news dealers.....	4512	60.2	51.5	50.5	-	-	81.5	78.6	78.0	-	-	
General merchandise stores.....	452	113.7	108.8	111.9	-	-	138.7	135.7	140.6	-	-	
Miscellaneous store retailers.....	453	89.4	86.6	87.7	-	-	114.3	111.7	113.1	-	-	
Florists.....	4531	44.9	46.7	42.4	-	-	55.1	59.0	53.4	-	-	
Office supplies, stationery, and gift stores.....	4532	64.1	55.4	58.0	-	-	87.7	73.0	74.8	-	-	
Office supplies and stationery stores.....	45321	68.3	55.7	57.7	-	-	93.7	72.5	72.1	-	-	
Gift, novelty, and souvenir stores.....	45322	60.2	55.2	58.3	-	-	78.8	73.7	78.9	-	-	
Used merchandise stores.....	4533	194.1	190.1	192.8	-	-	263.1	268.4	280.9	-	-	
Other miscellaneous store retailers.....	4539	108.6	112.9	113.4	-	-	134.5	145.5	145.4	-	-	
Pet and pet supplies stores.....	45391	155.7	159.5	166.4	-	-	223.9	241.9	244.3	-	-	
Nonstore retailers.....	454	116.4	116.0	116.9	-	-	187.1	178.0	180.1	-	-	
Electronic shopping and mail-order houses.....	4541	151.5	148.7	149.3	-	-	249.8	228.2	229.5	-	-	
Electronic shopping and electronic auctions.....	45411,2	402.5	391.5	394.4	-	-	756.7	645.5	649.4	-	-	
Mail-order houses.....	454113	75.9	75.3	75.5	-	-	90.4	96.6	97.7	-	-	
Transportation and warehousing.....		123.9	123.5	122.4	122.9	0.4	164.1	164.8	163.6	165.7	1.3	
Air transportation.....	481	76.2	71.4	73.2	-	-	151.3	148.7	149.1	-	-	
Truck transportation.....	484	123.2	120.5	119.4	-	-	162.0	162.4	160.9	-	-	
General freight trucking.....	4841	115.4	114.4	113.1	-	-	149.3	152.9	151.7	-	-	
General freight trucking, local.....	48411	115.0	109.9	110.3	-	-	150.3	152.2	152.8	-	-	
General freight trucking, long-distance.....	48412	115.6	115.9	114.2	-	-	149.0	153.2	151.5	-	-	
General freight trucking, long-distance TL.....	484121	109.5	111.0	108.6	-	-	144.7	149.1	146.6	-	-	
General freight trucking, long-distance LTL.....	484122	130.5	127.8	127.6	-	-	158.8	162.2	162.0	-	-	
Specialized freight trucking.....	4842	143.4	136.4	135.3	-	-	198.3	189.6	187.3	-	-	
Used household and office goods moving.....	48421	105.2	104.6	103.7	-	-	132.4	134.1	133.4	-	-	
Other specialized trucking, local.....	48422	155.3	143.5	142.1	-	-	222.6	204.9	202.1	-	-	
Other specialized trucking, long-distance.....	48423	155.3	151.1	150.8	-	-	205.9	203.1	201.3	-	-	
Transit and ground passenger transportation.....	485	112.6	126.0	113.6	-	-	144.0	166.7	151.0	-	-	
School and employee bus transportation.....	4854	64.8	111.1	75.9	-	-	90.1	158.4	105.6	-	-	
Other ground passenger transportation.....	4859	193.9	184.6	187.9	-	-	226.5	219.4	228.5	-	-	
Pipeline transportation.....	486	144.6	132.4	130.6	-	-	263.6	243.7	238.7	-	-	
Support activities for transportation.....	488	127.6	121.3	120.4	-	-	167.0	156.4	154.6	-	-	
Support activities for air transportation.....	4881	138.6	138.2	138.0	-	-	166.6	164.3	163.6	-	-	
Airport operations.....	48811	136.1	136.6	138.6	-	-	121.6	125.6	128.2	-	-	
Support activities for water transportation.....	4883	95.7	88.2	86.9	-	-	157.5	135.3	129.7	-	-	
Support activities for road transportation.....	4884	136.0	125.9	123.7	-	-	141.9	130.9	129.5	-	-	
Freight transportation arrangement.....	4885	133.4	127.1	127.0	-	-	183.0	177.0	178.5	-	-	
Support activities for other transportation, including rail.....	4882,9	127.4	112.8	112.4	-	-	183.0	168.0	164.2	-	-	
Couriers and messengers.....	492	141.7	145.3	144.3	-	-	165.1	172.3	174.8	-	-	
Warehousing and storage.....	493	173.7	185.5	188.0	-	-	180.4	197.5	199.9	-	-	
General warehousing and storage.....	49311	182.4	194.4	198.0	-	-	187.1	205.0	208.5	-	-	
Utilities.....	22	98.4	99.0	100.5	99.2	-1.3	139.0	145.9	148.7	145.7	-2.0	
Power generation and supply.....	2211	97.6	97.9	99.9	-	-	139.5	148.3	151.9	-	-	
Electric power generation.....	22111	61.5	62.0	62.2	-	-	90.3	95.6	95.6	-	-	
Fossil fuel electric power generation.....	221112	68.4	68.9	69.6	-	-	102.0	107.9	109.6	-	-	
Electric power transmission and distribution.....	22112	154.5	154.8	159.1	-	-	226.4	242.1	251.1	-	-	
Natural gas distribution.....	2212	96.5	95.1	95.1	-	-	133.4	133.4	134.5	-	-	
Water, sewage and other systems.....	2213	112.5	120.1	124.2	-	-	153.9	157.2	160.8	-	-	
Information.....	51	92.6	91.3	91.5	91.8	0.3	133.8	133.9	138.4	138.7	0.2	
Publishing industries, except Internet.....	511	102.9	98.4	98.9	-	-	166.3	153.8	168.9	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Aug. 2015		June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	
Newspaper, book, and directory publishers.....	5111	86.9	80.7	80.1	-	-	135.1	120.8	120.0	-	-	
Newspaper publishers.....	51111	81.4	75.2	73.9	-	-	106.2	98.6	96.7	-	-	
Periodical publishers.....	51112	107.7	97.0	97.2	-	-	181.7	156.9	156.3	-	-	
Software publishers.....	5112	129.1	127.6	129.7	-	-	192.1	181.3	209.4	-	-	
Motion picture and sound recording industries.....	512	84.9	89.0	90.4	-	-	90.2	93.6	92.4	-	-	
Broadcasting, except Internet.....	515	87.1	87.0	86.0	-	-	134.5	133.9	132.2	-	-	
Radio broadcasting.....	51511	91.9	90.6	90.1	-	-	154.2	150.4	143.3	-	-	
Telecommunications.....	517	75.2	73.1	73.8	-	-	99.0	104.0	106.1	-	-	
Wired telecommunications carriers.....	5171	84.7	83.9	84.8	-	-	109.4	115.6	118.0	-	-	
Telecommunications resellers.....	517911	34.8	30.3	30.1	-	-	41.6	34.9	35.4	-	-	
Data processing, hosting and related services.....	518	112.9	110.6	109.7	-	-	178.6	181.5	180.7	-	-	
Other information services.....	519	221.0	222.4	221.4	-	-	322.9	328.3	337.5	-	-	
Financial activities.....		113.3	112.2	112.9	112.5	-0.4	176.8	178.9	180.7	180.4	-0.2	
Credit intermediation and related activities.....	522	104.7	104.0	104.4	-	-	159.5	161.1	163.1	-	-	
Depository credit intermediation.....	5221	102.3	101.4	101.8	-	-	159.0	159.9	161.6	-	-	
Commercial banking.....	52211	105.2	103.4	104.0	-	-	167.2	166.3	168.6	-	-	
Savings institutions.....	52212	64.6	63.6	64.1	-	-	95.1	96.0	96.6	-	-	
Credit unions and other depository credit intermediation.....	52213,9	125.2	128.2	129.8	-	-	184.9	194.6	196.7	-	-	
Nondepository credit intermediation.....	5222	98.4	95.8	96.0	-	-	145.6	144.1	145.6	-	-	
Consumer lending.....	522291	115.6	115.5	114.2	-	-	141.3	139.1	137.8	-	-	
Real estate credit.....	522292	92.1	89.6	89.8	-	-	131.0	130.4	131.0	-	-	
Activities related to credit intermediation.....	5223	139.5	145.7	145.8	-	-	205.4	221.2	224.6	-	-	
Financial transaction processing and clearing.....	52232	213.9	221.3	218.4	-	-	439.4	415.5	421.7	-	-	
Securities, commodity contracts, investments, and funds and trusts.....	523,5	135.5	128.8	128.9	-	-	241.2	235.5	235.7	-	-	
Securities brokerage.....	52312	110.4	105.2	104.5	-	-	178.0	173.7	176.0	-	-	
Securities and commodity contracts brokerage and exchanges.....	5231,2	110.0	102.9	101.6	-	-	202.8	197.8	196.2	-	-	
Other financial investment activities, including funds and trusts.....	5239; 525	178.3	172.2	174.3	-	-	303.7	296.7	299.3	-	-	
Portfolio management.....	52392	168.4	156.3	158.2	-	-	282.9	284.8	285.6	-	-	
Investment advice.....	52393	226.5	222.7	228.9	-	-	394.8	361.2	372.0	-	-	
Insurance carriers and related activities.....	524	116.9	116.6	117.9	-	-	171.6	174.9	177.4	-	-	
Insurance carriers.....	5241	105.7	106.4	107.7	-	-	158.7	163.4	165.7	-	-	
Direct life and health insurance carriers.....	52411	115.8	115.7	116.4	-	-	178.6	182.9	184.7	-	-	
Direct insurers, except life and health.....	52412	95.7	97.1	99.3	-	-	137.3	142.7	145.9	-	-	
Reinsurance carriers.....	52413	90.2	89.0	91.9	-	-	229.4	208.0	216.0	-	-	
Insurance agencies, brokerages, and related services.....	5242	138.6	137.0	137.8	-	-	199.3	201.0	202.6	-	-	
Insurance agencies and brokerages.....	52421	136.3	135.1	136.3	-	-	197.4	196.8	198.8	-	-	
Other insurance-related activities.....	52429	144.5	141.4	141.8	-	-	204.0	210.2	211.5	-	-	
Third-party administration of insurance funds.....	524292	138.8	135.0	134.7	-	-	191.2	197.3	199.9	-	-	
Real estate.....	531	118.6	117.4	118.8	-	-	183.4	188.0	190.9	-	-	
Lessors of real estate.....	5311	94.6	92.5	93.3	-	-	144.0	144.5	146.6	-	-	
Lessors of residential buildings.....	53111	90.7	90.2	91.0	-	-	134.9	135.9	137.7	-	-	
Lessors of nonresidential buildings.....	53112	92.7	88.5	89.6	-	-	155.2	157.9	161.1	-	-	
Offices of real estate agents and brokers.....	5312	104.2	105.0	106.2	-	-	169.9	178.5	182.1	-	-	
Activities related to real estate.....	5313	162.2	160.3	163.1	-	-	239.5	245.3	249.5	-	-	
Real estate property managers.....	53131	163.1	159.8	163.5	-	-	241.2	243.5	249.4	-	-	
Residential property managers.....	531311	170.7	169.4	172.1	-	-	248.5	255.3	260.2	-	-	
Nonresidential property managers.....	531312	145.8	137.5	143.0	-	-	227.9	222.0	228.6	-	-	
Rental and leasing services.....	532	99.4	98.6	97.5	-	-	142.7	146.1	145.6	-	-	
Home health equipment rental.....	532291	131.8	126.6	126.1	-	-	143.3	129.3	132.3	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
General rental centers.....	5323	76.1	84.0	78.6	-	-	75.5	82.9	76.7	-	-
Machinery and equipment rental and leasing.....	5324	130.9	128.6	130.1	-	-	204.8	206.5	211.6	-	-
Heavy machinery rental and leasing.....	53241	124.2	114.3	112.1	-	-	199.1	196.8	195.1	-	-
Office equipment and other machinery rental and leasing.....	53242,9	140.7	149.0	156.2	-	-	213.0	219.7	234.4	-	-
Professional and business services.....		132.3	132.3	132.1	132.7	0.5	195.3	198.3	199.2	199.8	0.3
Professional and technical services.....	54	141.0	140.9	141.4	-	-	212.7	214.4	217.0	-	-
Legal services.....	5411	104.4	101.3	101.9	-	-	152.3	152.6	155.1	-	-
Offices of lawyers.....	54111	103.2	99.9	100.6	-	-	151.6	151.6	154.3	-	-
Other legal services.....	54119	121.5	120.0	122.8	-	-	167.5	174.5	178.8	-	-
Title abstract and settlement offices.....	541191	102.5	105.0	104.8	-	-	124.3	137.4	137.8	-	-
Accounting and bookkeeping services.....	5412	112.4	112.3	111.6	-	-	174.8	171.1	171.4	-	-
Offices of certified public accountants.....	541211	123.0	117.8	118.4	-	-	185.2	170.2	172.5	-	-
Payroll services.....	541214	135.0	153.3	151.2	-	-	228.1	243.7	238.3	-	-
Architectural and engineering services.....	5413	118.0	119.0	119.0	-	-	175.2	178.3	178.5	-	-
Architectural services.....	54131	105.3	104.1	103.8	-	-	152.1	151.2	152.2	-	-
Landscape architectural services.....	54132	93.4	98.7	99.8	-	-	151.2	162.4	163.0	-	-
Engineering and drafting services.....	54133,4	124.1	125.0	126.1	-	-	184.1	185.9	187.5	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	104.4	97.1	98.0	-	-	145.6	156.2	155.7	-	-
Testing laboratories.....	54138	112.6	122.0	114.7	-	-	163.5	177.3	166.6	-	-
Specialized design services.....	5414	121.1	124.1	127.2	-	-	198.4	200.2	204.3	-	-
Graphic design services.....	54143	101.5	103.6	100.8	-	-	179.9	179.7	175.7	-	-
Computer systems design and related services.....	5415	178.5	178.0	178.8	-	-	251.9	251.2	256.5	-	-
Custom computer programming services.....	541511	171.7	169.8	170.2	-	-	243.0	237.2	242.1	-	-
Computer systems design services.....	541512	214.2	215.4	216.9	-	-	288.7	288.9	295.2	-	-
Management and technical consulting services.....	5416	223.6	223.2	224.9	-	-	317.6	320.6	324.8	-	-
Management consulting services.....	54161	210.7	212.3	214.6	-	-	293.5	301.7	306.4	-	-
Administrative management consulting services..	541611	222.3	220.8	224.1	-	-	344.2	348.4	357.1	-	-
Marketing consulting services.....	541613	356.5	350.1	360.2	-	-	465.2	458.7	467.0	-	-
Process and logistics consulting services.....	541614	216.3	222.7	224.0	-	-	234.0	261.1	267.1	-	-
Scientific research and development services.....	5417	138.1	139.5	139.7	-	-	222.5	229.0	230.6	-	-
Research and development in the physical, engineering, and life sciences.....	54171	145.0	147.1	146.8	-	-	234.2	242.2	243.3	-	-
Biotechnology research.....	541711	147.8	150.4	149.6	-	-	223.4	238.6	240.7	-	-
Physical, engineering, and life sciences research.....	541712	144.2	145.8	145.8	-	-	237.6	243.1	244.0	-	-
Social science and humanities research.....	54172	86.6	82.2	87.9	-	-	124.9	116.8	124.9	-	-
Advertising and related services.....	5418	127.7	128.5	129.7	-	-	207.3	214.5	214.8	-	-
Advertising agencies.....	54181	150.6	144.3	145.2	-	-	239.6	225.3	224.4	-	-
Public relations agencies.....	54182	133.7	127.1	129.1	-	-	198.0	199.2	199.0	-	-
Advertising material distribution and other advertising services.....	54187,9	139.6	156.4	156.9	-	-	195.2	237.4	237.0	-	-
Other professional and technical services.....	5419	153.8	156.0	158.4	-	-	234.2	243.8	251.0	-	-
Marketing research and public opinion polling.....	54191	98.9	88.7	87.9	-	-	158.6	135.4	138.1	-	-
Photographic services.....	54192	66.2	62.7	56.3	-	-	92.4	89.5	79.4	-	-
Veterinary services.....	54194	166.8	168.4	169.7	-	-	237.3	247.3	251.1	-	-
Miscellaneous professional and technical services..	54193,9	319.8	354.1	378.1	-	-	510.8	598.2	641.4	-	-
Management of companies and enterprises.....	55	134.4	133.3	133.1	-	-	222.6	223.4	220.2	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	109.5	110.6	108.9	-	-	164.8	174.0	172.2	-	-
Managing offices.....	551114	135.6	134.4	134.3	-	-	226.2	226.6	223.2	-	-
Administrative and waste services.....	56	125.1	125.5	124.6	-	-	164.3	169.8	169.3	-	-
Administrative and support services.....	561	124.8	125.4	124.2	-	-	164.3	170.4	169.2	-	-
Office administrative services.....	5611	180.3	185.6	186.7	-	-	287.8	312.5	319.0	-	-

See footnotes at end of table.



**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Facilities support services.....	5612	148.0	147.4	148.1	-	-	160.5	167.7	169.2	-	-
Employment services.....	5613	118.0	115.8	114.6	-	-	149.8	149.7	148.0	-	-
Employment placement agencies and executive search services.....	56131	106.5	105.0	102.5	-	-	178.6	173.9	165.6	-	-
Temporary help services.....	56132	142.5	139.1	137.8	-	-	176.4	176.3	175.1	-	-
Professional employer organizations.....	56133	49.9	49.8	49.9	-	-	64.6	64.6	65.2	-	-
Business support services.....	5614	130.3	131.0	128.9	-	-	173.9	182.0	180.2	-	-
Telephone call centers.....	56142	163.7	163.8	161.9	-	-	230.5	234.8	235.2	-	-
Business service centers.....	56143	94.0	97.3	94.9	-	-	117.2	135.9	128.1	-	-
Collection agencies.....	56144	95.3	93.4	90.8	-	-	131.8	128.5	125.6	-	-
Travel arrangement and reservation services.....	5615	91.6	88.4	86.6	-	-	136.9	140.0	140.2	-	-
Travel agencies.....	56151	77.3	76.6	74.3	-	-	103.0	103.3	101.1	-	-
Investigation and security services.....	5616	120.9	122.2	122.9	-	-	166.3	174.4	176.3	-	-
Security and armored car services.....	56161	118.3	119.9	120.4	-	-	160.2	168.9	170.2	-	-
Security systems services.....	56162	138.6	138.2	138.8	-	-	193.1	199.1	202.6	-	-
Services to buildings and dwellings.....	5617	139.0	142.5	141.6	-	-	183.8	196.9	196.1	-	-
Exterminating and pest control services.....	56171	152.1	155.8	160.9	-	-	225.3	236.8	248.5	-	-
Janitorial services.....	56172	128.0	128.1	127.2	-	-	164.5	173.9	171.7	-	-
Landscaping services.....	56173	153.5	163.9	161.0	-	-	203.6	224.0	221.6	-	-
Carpet and upholstery cleaning services.....	56174	97.1	99.2	92.8	-	-	133.1	136.2	125.5	-	-
Other services to buildings and dwellings.....	56179	146.0	128.1	133.3	-	-	161.5	154.7	159.2	-	-
Other support services.....	5619	99.2	111.7	107.3	-	-	128.0	143.5	139.0	-	-
Packaging and labeling services.....	56191	116.6	132.5	130.5	-	-	170.5	197.0	194.3	-	-
Convention and trade show organizers.....	56192	82.8	89.5	82.1	-	-	94.4	107.1	96.2	-	-
All other support services.....	56199	98.3	111.3	107.5	-	-	134.9	149.3	148.1	-	-
Waste management and remediation services.....	562	126.5	128.9	128.9	-	-	160.1	165.9	167.1	-	-
Waste collection.....	5621	152.3	155.4	155.7	-	-	197.1	208.7	210.2	-	-
Waste treatment and disposal.....	5622	87.5	90.4	90.8	-	-	130.0	132.6	136.8	-	-
Remediation and other waste services.....	5629	143.0	144.2	143.6	-	-	159.2	163.5	161.9	-	-
Education and health services.....		132.1	135.1	134.8	134.9	0.1	193.0	198.8	200.4	200.5	0.0
Health care and social assistance.....	62	136.0	138.0	138.4	-	-	200.0	204.8	207.6	-	-
Health care <sup>5</sup> .....	621,2,3	132.6	134.8	135.6	-	-	199.7	204.5	207.9	-	-
Ambulatory health care services.....	621	152.0	154.8	154.1	-	-	228.1	234.0	235.7	-	-
Offices of physicians.....	6211	133.4	133.1	134.0	-	-	229.8	229.5	232.9	-	-
Offices of physicians, except mental health.....	621111	133.4	133.4	134.3	-	-	230.8	230.7	234.1	-	-
Offices of mental health physicians.....	621112	131.7	121.3	121.5	-	-	176.2	167.3	170.5	-	-
Offices of dentists.....	6212	127.9	130.0	126.5	-	-	172.7	178.4	175.9	-	-
Offices of other health practitioners.....	6213	161.3	170.0	166.1	-	-	230.3	242.1	240.2	-	-
Offices of chiropractors.....	62131	136.0	139.9	132.7	-	-	192.3	192.6	186.1	-	-
Offices of optometrists.....	62132	153.0	150.3	145.5	-	-	216.1	209.4	207.0	-	-
Offices of mental health practitioners.....	62133	105.7	113.4	114.0	-	-	135.4	143.0	142.8	-	-
Offices of specialty therapists.....	62134	182.3	193.7	188.9	-	-	259.2	274.1	270.8	-	-
Offices of all other health practitioners.....	62139	198.2	223.2	223.3	-	-	283.9	322.4	328.2	-	-
Outpatient care centers.....	6214	195.1	202.3	202.0	-	-	285.5	298.9	301.5	-	-
Outpatient mental health centers.....	62142	166.8	166.3	165.2	-	-	207.4	211.8	211.1	-	-
Outpatient care centers, except mental health.....	62141,9	209.9	220.9	220.8	-	-	320.5	337.5	341.5	-	-
Freestanding emergency medical centers....	621493	201.9	208.4	204.0	-	-	323.7	320.4	323.2	-	-
Miscellaneous outpatient care centers.....	621410,98	203.1	213.0	213.9	-	-	306.5	328.6	328.5	-	-
Medical and diagnostic laboratories.....	6215	154.9	149.3	152.7	-	-	214.4	213.2	219.9	-	-
Medical laboratories.....	621511	157.9	151.6	155.2	-	-	215.3	222.2	230.8	-	-
Diagnostic imaging centers.....	621512	147.7	142.6	146.5	-	-	213.3	190.1	193.8	-	-
Home health care services.....	6216	196.4	205.0	203.1	-	-	251.2	273.7	274.3	-	-
Other ambulatory health care services.....	6219	159.2	155.7	154.8	-	-	234.4	232.5	230.9	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Ambulance services.....	62191	159.2	164.3	164.2	-	-	223.0	233.9	233.6	-	-
All other ambulatory health care services.....	62199	159.7	143.0	140.9	-	-	249.1	231.5	228.3	-	-
Hospitals.....	622	123.3	126.4	127.5	-	-	194.8	199.3	203.6	-	-
General medical and surgical hospitals.....	6221	120.2	123.5	124.3	-	-	192.1	196.3	200.0	-	-
Nursing and residential care facilities.....	623	119.0	118.6	120.3	-	-	153.1	156.1	159.9	-	-
Nursing care facilities.....	6231	104.7	103.3	104.8	-	-	136.6	138.9	141.9	-	-
Residential mental health facilities.....	6232	127.1	129.4	130.0	-	-	164.8	170.1	172.8	-	-
Residential intellectual and developmental disability facilities.....	62321	121.2	121.7	121.6	-	-	149.2	153.1	155.2	-	-
Residential mental health and substance abuse facilities.....	62322	140.7	146.9	148.3	-	-	195.9	204.1	207.0	-	-
Community care facilities for the elderly.....	6233	162.1	161.2	165.4	-	-	209.4	212.9	220.9	-	-
Continuing care retirement communities.....	623311	194.7	193.7	198.6	-	-	255.5	259.9	269.0	-	-
Assisted living facilities for the elderly.....	623312	135.3	134.2	137.7	-	-	167.5	169.7	176.7	-	-
Other residential care facilities.....	6239	93.8	95.9	96.2	-	-	120.1	122.5	125.8	-	-
Social assistance.....	624	153.4	156.9	155.9	-	-	198.5	207.8	207.6	-	-
Individual and family services.....	6241	209.1	211.4	211.9	-	-	259.9	271.8	273.9	-	-
Child and youth services.....	62411	127.5	128.0	129.8	-	-	169.8	175.2	179.1	-	-
Services for the elderly and persons with disabilities.....	62412	268.4	270.5	271.5	-	-	338.4	354.8	357.7	-	-
Other individual and family services.....	62419	130.7	134.7	134.1	-	-	182.6	191.7	191.6	-	-
Emergency and other relief services.....	6242	125.3	127.7	126.2	-	-	175.7	180.3	181.7	-	-
Vocational rehabilitation services.....	6243	90.6	89.1	91.5	-	-	121.0	117.1	120.2	-	-
Child day care services.....	6244	114.6	121.8	116.2	-	-	149.1	161.6	154.1	-	-
Leisure and hospitality.....		132.6	131.5	133.8	132.8	-0.7	185.8	190.0	194.2	193.3	-0.5
Arts, entertainment, and recreation.....	71	134.8	132.7	140.5	-	-	172.0	176.7	184.1	-	-
Performing arts and spectator sports.....	711	132.2	128.3	130.1	-	-	171.5	187.0	186.4	-	-
Performing arts companies.....	7111	97.2	100.8	102.4	-	-	148.5	184.5	174.5	-	-
Spectator sports.....	7112	131.0	119.0	120.5	-	-	149.6	153.8	160.0	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	182.2	189.0	194.4	-	-	222.2	258.1	260.5	-	-
Independent artists, writers, and performers.....	7115	134.9	120.5	119.1	-	-	215.2	185.2	180.8	-	-
Museums, historical sites, and similar institutions.....	712	137.7	143.9	147.5	-	-	175.9	189.4	193.2	-	-
Museums.....	71211	121.5	126.0	128.8	-	-	152.4	167.3	172.4	-	-
Historical sites and other similar institutions.....	71212,3,9	164.2	172.1	177.5	-	-	225.1	234.0	236.1	-	-
Amusements, gambling, and recreation.....	713	135.8	133.0	142.9	-	-	172.3	171.2	182.1	-	-
Gambling industries.....	7132	95.7	98.1	98.4	-	-	140.7	149.2	150.5	-	-
Golf courses and country clubs.....	71391	154.3	163.1	166.2	-	-	190.9	206.8	212.0	-	-
Skiing facilities.....	71392	89.4	72.9	88.8	-	-	139.9	128.0	154.4	-	-
Marinas.....	71393	128.9	140.1	140.5	-	-	174.7	191.5	190.4	-	-
Fitness and recreational sports centers.....	71394	122.3	116.0	120.9	-	-	139.3	141.0	146.1	-	-
Bowling centers.....	71395	69.6	66.7	64.9	-	-	89.2	89.0	86.4	-	-
Accommodation and food services.....	72	132.4	131.6	132.7	-	-	189.4	193.6	196.7	-	-
Accommodation.....	721	120.9	115.1	120.9	-	-	163.4	159.2	168.2	-	-
Traveler accommodation.....	7211	116.9	112.4	116.2	-	-	159.0	156.1	162.7	-	-
Hotels and motels, except casino hotels.....	72111	121.7	117.5	121.6	-	-	167.0	164.9	172.1	-	-
RV parks and recreational camps.....	7212	298.8	246.3	341.4	-	-	365.2	307.1	431.7	-	-
Food services and drinking places.....	722	135.2	135.6	135.5	-	-	197.6	204.1	205.4	-	-
Special food services.....	7223	126.0	117.3	111.0	-	-	178.5	169.9	161.1	-	-
Food service contractors.....	72231	124.1	110.4	105.4	-	-	171.6	154.5	148.4	-	-
Caterers and mobile food services.....	72232,3	131.4	140.6	129.9	-	-	202.8	227.2	208.1	-	-
Drinking places, alcoholic beverages.....	7224	95.4	96.8	99.0	-	-	150.4	169.3	171.7	-	-
Restaurants and other eating places.....	7225	137.5	138.2	139.1	-	-	201.1	208.1	211.2	-	-
Full-service restaurants.....	722511	134.7	134.6	135.0	-	-	208.0	214.0	216.6	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>	Aug. 2015	June 2016	July 2016 <sup>P</sup>	Aug. 2016 <sup>P</sup>	Percent change from: July 2016 - Aug. 2016 <sup>P</sup>
Limited-service restaurants.....	722513	137.4	139.2	140.0	-	-	185.9	195.0	197.6	-	-
Cafeterias, grill buffets, and buffets.....	722514	88.0	82.4	82.2	-	-	114.8	108.2	109.2	-	-
Snack and nonalcoholic beverage bars.....	722515	203.7	209.3	209.9	-	-	281.2	297.2	299.3	-	-
Other services.....	81	103.1	103.8	104.1	103.5	-0.6	142.7	144.7	144.8	144.6	-0.1
Repair and maintenance.....	811	108.1	108.5	107.4	-	-	143.8	144.8	144.0	-	-
Automotive repair and maintenance.....	8111	105.3	107.6	106.5	-	-	138.3	142.0	141.9	-	-
Automotive mechanical and electrical repair.....	81111	104.3	105.0	104.8	-	-	136.1	138.6	140.6	-	-
General automotive repair.....	811111	117.6	117.4	116.8	-	-	150.5	152.1	154.0	-	-
Automotive body, interior, and glass repair.....	81112	102.7	102.9	102.8	-	-	138.1	138.6	138.4	-	-
Other automotive repair and maintenance.....	81119	110.8	119.3	114.6	-	-	145.9	160.9	153.5	-	-
Car washes.....	811192	116.8	128.3	123.4	-	-	153.1	175.6	167.5	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	102.3	106.7	102.0	-	-	137.1	143.6	136.2	-	-
Electronic equipment repair and maintenance.....	8112	101.4	92.2	93.2	-	-	135.0	119.8	121.5	-	-
Computer and office machine repair.....	811212	91.2	79.0	79.7	-	-	119.1	101.6	102.5	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	110.1	103.4	104.5	-	-	148.1	134.6	137.1	-	-
Commercial machinery repair and maintenance.....	8113	139.2	135.8	134.3	-	-	189.4	191.9	186.4	-	-
Household goods repair and maintenance.....	8114	85.7	85.0	83.9	-	-	105.8	101.8	102.6	-	-
Personal and laundry services.....	812	105.3	107.2	106.8	-	-	141.0	146.4	146.5	-	-
Personal care services.....	8121	122.6	123.9	123.1	-	-	177.3	183.8	181.2	-	-
Hair, nail, and skin care services.....	81211	113.1	114.2	112.4	-	-	156.9	165.7	161.1	-	-
Other personal care services.....	81219	197.2	201.6	205.5	-	-	351.0	341.4	349.2	-	-
Death care services.....	8122	91.5	93.2	94.1	-	-	117.0	125.0	125.7	-	-
Drycleaning and laundry services.....	8123	79.2	82.2	80.3	-	-	99.6	105.0	105.5	-	-
Coin-operated laundries and drycleaners.....	81231	75.0	81.4	79.6	-	-	89.2	98.8	100.3	-	-
Drycleaning and laundry services, except coin-operated.....	81232	64.1	65.1	63.4	-	-	81.7	86.9	85.0	-	-
Linen and uniform supply.....	81233	99.9	104.6	102.4	-	-	119.6	124.3	126.8	-	-
Other personal services.....	8129	126.5	126.4	129.2	-	-	151.9	151.4	156.7	-	-
Pet care services, except veterinary.....	81291	305.7	322.1	332.2	-	-	343.0	359.0	362.3	-	-
Parking lots and garages.....	81293	135.7	127.5	128.7	-	-	163.7	157.6	165.1	-	-
Membership associations and organizations.....	813	99.5	100.1	101.2	-	-	142.5	144.1	144.7	-	-
Grantmaking and giving services.....	8132	144.5	138.4	140.2	-	-	271.3	251.1	252.1	-	-
Grantmaking foundations.....	813211	245.0	248.1	250.2	-	-	464.4	444.1	446.4	-	-
Social advocacy organizations.....	8133	118.9	121.4	122.5	-	-	179.2	187.2	188.6	-	-
Human rights organizations.....	813311	113.7	111.7	110.7	-	-	155.7	161.0	155.7	-	-
Environment, conservation, and other social advocacy organizations.....	813312,9	120.7	124.4	126.0	-	-	187.7	196.2	199.8	-	-
Civic and social organizations.....	8134	89.8	88.2	96.4	-	-	110.8	114.0	121.3	-	-
Professional and similar organizations.....	8139	97.5	103.1	103.3	-	-	139.5	149.7	148.3	-	-
Business associations.....	81391	97.2	98.6	99.0	-	-	142.9	144.9	147.0	-	-
Professional organizations.....	81392	134.6	136.1	134.4	-	-	205.2	205.5	206.1	-	-
Labor unions and similar labor organizations.....	81393	75.1	84.3	76.4	-	-	106.0	117.3	107.6	-	-
Miscellaneous professional and similar organizations.....	81394,9	102.4	109.4	117.6	-	-	150.2	173.8	182.8	-	-

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

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

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

<sup>4</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

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

