

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Total private.....		116.2	117.2	117.2	118.6	1.2	169.7	177.7	176.3	178.1	1.0
Goods-producing.....		93.5	93.3	94.7	96.9	2.3	132.4	136.2	138.4	141.8	2.5
Mining and logging.....		120.4	134.3	136.3	140.4	3.0	190.9	220.2	221.7	228.5	3.1
Logging.....	1133	77.7	72.6	74.6	-	-	108.5	101.6	105.9	-	-
Mining.....	21	126.3	142.4	144.7	-	-	200.4	233.3	235.0	-	-
Oil and gas extraction.....	211	110.8	132.7	130.6	-	-	201.7	241.6	241.7	-	-
Mining, except oil and gas.....	212	88.7	87.3	90.8	-	-	126.4	123.5	128.6	-	-
Coal mining.....	2121	69.7	71.9	74.5	-	-	104.0	104.9	108.6	-	-
Stone mining and quarrying.....	21231	94.3	89.9	95.0	-	-	132.5	132.4	141.2	-	-
Crushed and broken limestone mining.....	212312	86.7	83.9	88.8	-	-	124.7	122.2	129.0	-	-
Other stone mining and quarrying.....	212311,3,9	104.3	97.6	103.0	-	-	142.4	145.2	156.3	-	-
Support activities for mining.....	213	175.4	209.6	212.0	-	-	300.1	379.4	376.6	-	-
Support activities for oil and gas operations.....	213112	194.8	243.2	249.2	-	-	364.2	486.9	490.5	-	-
Construction.....	23	109.8	105.8	111.2	114.5	3.0	158.1	156.4	165.1	170.5	3.3
Construction of buildings.....	236	97.6	93.8	96.1	-	-	142.3	144.0	146.7	-	-
Residential building.....	2361	89.6	86.7	89.8	-	-	125.9	130.2	133.2	-	-
New single-family general contractors.....	236115	68.4	64.7	66.5	-	-	97.1	97.8	99.6	-	-
Residential remodelers.....	236118	127.6	129.4	135.3	-	-	169.9	184.4	190.5	-	-
Nonresidential building.....	2362	105.3	100.5	102.0	-	-	155.6	155.0	157.5	-	-
Industrial building.....	23621	94.0	99.6	97.3	-	-	142.0	155.8	154.2	-	-
Commercial building.....	23622	109.8	101.0	103.9	-	-	160.8	154.9	158.9	-	-
Heavy and civil engineering construction.....	237	119.0	108.7	119.3	-	-	191.1	174.6	193.5	-	-
Utility system construction.....	2371	143.2	140.5	148.3	-	-	237.7	238.8	251.6	-	-
Water and sewer system construction.....	23711	111.5	107.7	115.4	-	-	162.0	159.6	173.4	-	-
Oil and gas pipeline construction.....	23712	203.7	190.2	202.7	-	-	403.1	369.1	385.0	-	-
Power and communication system construction..	23713	144.5	150.9	155.3	-	-	232.9	261.6	270.7	-	-
Highway, street, and bridge construction.....	2373	113.7	92.0	109.1	-	-	166.7	131.0	160.8	-	-
Specialty trade contractors.....	238	111.6	109.0	114.2	-	-	155.2	155.9	164.0	-	-
Building foundation and exterior contractors.....	2381	105.7	100.2	106.0	-	-	144.7	139.7	150.7	-	-
Poured concrete structure contractors.....	23811	136.3	125.1	136.3	-	-	206.5	190.1	207.7	-	-
Steel and precast concrete contractors.....	23812	92.5	98.2	106.1	-	-	125.7	126.4	146.0	-	-
Framing contractors.....	23813	73.1	68.5	66.3	-	-	88.5	88.6	87.7	-	-
Masonry contractors.....	23814	71.0	69.2	72.9	-	-	95.0	93.6	102.2	-	-
Glass and glazing contractors.....	23815	132.3	128.4	128.5	-	-	173.3	177.6	182.9	-	-
Roofing contractors.....	23816	128.5	116.1	126.2	-	-	180.0	166.4	183.9	-	-
Siding contractors.....	23817	125.9	115.5	127.0	-	-	194.8	192.6	218.3	-	-
Other building exterior contractors.....	23819	134.3	138.5	132.8	-	-	179.8	195.8	174.1	-	-
Building equipment contractors.....	2382	115.4	115.0	118.4	-	-	158.8	162.3	166.6	-	-
Electrical contractors.....	23821	100.7	102.0	103.7	-	-	141.3	145.4	146.7	-	-
Plumbing and HVAC contractors.....	23822	129.3	126.8	132.9	-	-	175.2	178.4	187.3	-	-
Other building equipment contractors.....	23829	136.8	134.5	135.1	-	-	186.1	183.4	185.4	-	-
Building finishing contractors.....	2383	95.5	95.7	98.4	-	-	135.3	142.5	146.6	-	-
Drywall and insulation contractors.....	23831	79.4	83.5	84.9	-	-	116.3	127.3	127.4	-	-
Painting and wall covering contractors.....	23832	104.7	90.4	97.2	-	-	137.3	126.9	141.5	-	-
Flooring contractors.....	23833	97.0	104.1	103.6	-	-	134.0	149.1	152.2	-	-
Tile and terrazzo contractors.....	23834	117.8	129.6	128.6	-	-	206.2	226.6	223.1	-	-
Finish carpentry contractors.....	23835	104.7	112.5	115.0	-	-	147.8	171.5	173.3	-	-
Other building finishing contractors.....	23839	110.5	113.2	113.7	-	-	163.7	160.7	162.9	-	-
Other specialty trade contractors.....	2389	132.5	122.9	136.8	-	-	189.4	177.8	201.2	-	-
Site preparation contractors.....	23891	128.0	128.2	138.2	-	-	182.0	185.9	202.6	-	-
All other specialty trade contractors.....	23899	137.4	117.4	135.3	-	-	197.8	168.7	199.7	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Manufacturing.....		84.8	85.9	85.5	86.8	1.5	115.2	120.9	119.7	121.5	1.5
Durable goods.....		85.3	87.1	86.5	88.0	1.7	115.7	122.1	120.5	122.9	2.0
Wood products.....	321	74.1	73.9	73.6	75.7	2.9	104.6	106.5	105.7	109.0	3.1
Sawmills and wood preservation.....	3211	78.0	73.9	74.5	-	-	104.9	101.2	103.0	-	-
Plywood and engineered wood products.....	3212	66.2	67.6	69.3	-	-	95.7	102.3	103.3	-	-
Other wood products.....	3219	75.6	76.3	74.9	-	-	108.5	110.8	107.9	-	-
Millwork.....	32191	68.8	69.7	68.0	-	-	97.3	99.0	95.7	-	-
Wood windows and doors.....	321911	66.4	72.0	69.6	-	-	100.8	109.9	105.2	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	71.0	67.6	66.5	-	-	94.1	88.7	86.7	-	-
Wood containers and pallets.....	32192	104.0	103.4	105.2	-	-	164.0	163.4	167.4	-	-
All other wood products.....	32199	67.5	68.8	65.7	-	-	95.7	100.8	94.7	-	-
Nonmetallic mineral products.....	327	81.9	82.9	85.2	86.4	1.4	107.3	114.7	117.8	119.8	1.7
Cement and concrete products.....	3273	94.9	92.2	94.9	-	-	123.1	127.8	133.0	-	-
Ready-mix concrete.....	32732	90.8	88.9	94.9	-	-	120.1	129.1	139.7	-	-
Other cement and concrete products.....	32731,3,9	99.9	96.0	95.0	-	-	127.7	125.8	123.9	-	-
Primary metals.....	331	75.0	78.9	77.6	78.6	1.3	97.5	104.1	102.4	103.8	1.4
Foundries.....	3315	65.0	65.7	64.8	-	-	81.2	87.3	85.9	-	-
Fabricated metal products.....	332	95.2	99.0	98.7	100.3	1.6	129.8	138.8	137.2	140.3	2.3
Forging and stamping.....	3321	92.2	99.9	97.5	-	-	123.9	132.3	129.7	-	-
Architectural and structural metals.....	3323	95.7	98.0	98.8	-	-	128.7	135.5	135.8	-	-
Plate work and fabricated structural products...	33231	90.7	94.9	96.7	-	-	125.2	132.7	136.7	-	-
Fabricated structural metal products.....	332312	92.1	94.5	96.5	-	-	126.7	129.0	135.8	-	-
Ornamental and architectural metal products...	33232	99.8	100.5	100.6	-	-	131.7	137.9	135.3	-	-
Sheet metal work.....	332322	117.1	117.1	117.7	-	-	149.6	155.2	153.1	-	-
Boilers, tanks, and shipping containers.....	3324	100.7	102.6	101.1	-	-	133.3	137.2	136.7	-	-
Machine shops and threaded products.....	3327	118.2	124.1	123.5	-	-	158.6	174.9	173.0	-	-
Machine shops.....	33271	128.5	136.4	136.6	-	-	172.6	192.2	191.5	-	-
Turned products and screws, nuts, and bolts...	33272	91.8	92.8	90.9	-	-	121.4	128.7	125.1	-	-
Coating, engraving, and heat treating metals....	3328	94.9	100.0	100.4	-	-	129.1	138.3	137.5	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	115.8	117.9	119.8	-	-	151.3	157.5	159.6	-	-
Electroplating, anodizing, and coloring metals..	332813	77.6	85.1	84.3	-	-	110.0	121.7	118.5	-	-
Other fabricated metal products.....	3329	95.4	97.3	94.7	-	-	135.3	141.6	134.1	-	-
Metal valves.....	33291	85.7	84.2	85.4	-	-	127.8	127.1	128.9	-	-
All other fabricated metal products.....	33299	100.7	104.4	99.5	-	-	139.5	149.1	136.7	-	-
Machinery.....	333	93.8	97.9	95.4	97.9	2.6	130.9	141.6	138.3	141.6	2.4
Agricultural, construction, and mining machinery.....	3331	119.2	137.0	132.0	-	-	176.1	212.2	204.2	-	-
Farm machinery and equipment.....	333111	88.7	98.5	95.0	-	-	127.4	146.8	141.7	-	-
Industrial machinery.....	3332	89.1	90.4	87.6	-	-	124.2	132.3	131.3	-	-
Commercial and service industry machinery.....	3333	76.6	77.5	78.6	-	-	114.2	120.6	122.1	-	-
HVAC and commercial refrigeration equipment..	3334	87.4	85.7	79.5	-	-	119.4	127.1	115.5	-	-
Metalworking machinery.....	3335	85.5	88.5	88.3	-	-	112.6	118.1	118.9	-	-
Special tools, dies, jigs, and fixtures.....	333514	75.6	76.9	76.3	-	-	101.5	105.8	106.5	-	-
Turbine and power transmission equipment.....	3336	82.6	82.4	79.4	-	-	111.6	112.4	108.2	-	-
Other general purpose machinery.....	3339	99.2	102.6	100.4	-	-	143.0	150.6	147.4	-	-
Computer and electronic products.....	334	83.8	85.4	84.8	86.8	2.4	126.4	132.6	130.5	133.1	2.0
Communications equipment.....	3342	61.6	60.9	59.4	-	-	76.8	79.8	76.9	-	-
Semiconductors and electronic components.....	3344	71.2	71.1	70.4	-	-	101.7	104.2	101.9	-	-
Semiconductors and related devices.....	334413	73.9	75.0	73.7	-	-	121.8	120.6	117.2	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	64.5	65.0	64.1	-	-	89.3	97.4	96.2	-	-
Electronic instruments.....	3345	127.6	130.0	128.9	-	-	215.7	223.5	220.9	-	-

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	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Electrical equipment and appliances.....	335	78.3	78.8	79.3	79.9	0.8	109.1	116.2	116.4	117.7	1.1
Electrical equipment.....	3353	79.5	82.1	81.2	—	—	111.5	119.5	117.8	—	—
Other electrical equipment and components.....	3359	90.4	93.9	94.7	—	—	128.6	140.4	140.4	—	—
Transportation equipment.....	336	91.1	92.7	90.4	92.1	1.9	110.9	117.2	113.7	116.3	2.3
Motor vehicles and parts <sup>4</sup> .....	3361,2,3	84.3	86.1	82.6	84.1	1.8	85.7	92.1	87.4	88.8	1.6
Motor vehicles.....	3361	80.6	82.0	73.4	—	—	84.7	89.6	79.8	—	—
Motor vehicle bodies and trailers.....	3362	112.3	117.7	118.1	—	—	129.0	142.5	142.9	—	—
Motor vehicle parts.....	3363	80.3	81.5	79.5	—	—	79.7	85.7	83.3	—	—
Motor vehicle gasoline engine and parts.....	33631	66.6	69.5	67.9	—	—	73.3	77.9	74.3	—	—
Motor vehicle power train components.....	33635	75.3	68.3	67.3	—	—	71.6	67.3	65.8	—	—
Motor vehicle metal stamping.....	33637	89.0	98.3	94.9	—	—	85.3	100.6	95.0	—	—
All other motor vehicle parts.....	33639	96.5	96.3	94.8	—	—	107.7	111.5	108.8	—	—
Aerospace products and parts.....	3364	123.8	125.0	124.4	—	—	208.1	214.6	213.1	—	—
Aircraft.....	336411	116.0	121.4	121.0	—	—	182.3	195.1	194.5	—	—
Furniture and related products.....	337	62.4	60.0	60.7	62.1	2.3	85.9	84.2	85.7	87.2	1.8
Household and institutional furniture.....	3371	59.6	57.6	58.7	—	—	83.6	81.6	83.4	—	—
Wood kitchen cabinets and countertops.....	33711	77.3	77.6	79.3	—	—	107.9	108.2	112.1	—	—
Other household and institutional furniture.....	33712	49.3	46.0	46.8	—	—	68.5	64.9	65.6	—	—
Upholstered household furniture.....	337121	67.4	63.4	63.6	—	—	90.2	86.6	86.7	—	—
Miscellaneous durable goods manufacturing.....	339	84.0	81.8	83.0	83.1	0.1	123.8	122.5	122.3	122.1	-0.2
Medical equipment and supplies.....	3391	103.8	100.6	101.1	—	—	155.1	154.3	152.3	—	—
Surgical appliances and supplies.....	339113	110.8	110.9	110.7	—	—	145.7	153.2	151.1	—	—
Dental laboratories.....	339116	78.1	74.1	75.5	—	—	119.0	116.5	117.8	—	—
Other miscellaneous durable goods manufacturing.....	3399	69.5	68.2	69.9	—	—	98.6	97.0	98.3	—	—
Signs.....	33995	98.9	97.8	101.3	—	—	132.1	136.3	139.0	—	—
All other miscellaneous durable goods manufacturing.....	33993,4,9	69.0	69.8	71.7	—	—	101.8	104.3	107.1	—	—
Nondurable goods.....		83.7	83.7	84.1	85.2	1.3	113.8	118.4	118.3	119.5	1.0
Food manufacturing.....	311	110.5	109.6	111.0	113.3	2.1	148.8	152.6	153.4	155.8	1.6
Sugar and confectionery products.....	3113	79.1	78.0	74.3	—	—	94.6	102.9	97.2	—	—
Fruit and vegetable preserving and specialty.....	3114	105.1	95.8	97.0	—	—	132.1	126.9	130.1	—	—
Frozen food.....	31141	110.0	99.4	99.9	—	—	143.8	128.8	128.9	—	—
Fruit and vegetable canning and drying.....	31142	100.0	91.8	93.9	—	—	121.4	125.1	131.1	—	—
Dairy products.....	3115	109.8	112.8	112.9	—	—	157.0	161.4	163.6	—	—
Animal slaughtering and processing.....	3116	108.3	104.0	107.1	—	—	148.9	148.0	150.5	—	—
Poultry processing.....	311615	105.9	103.2	107.6	—	—	140.9	144.1	147.8	—	—
Seafood product preparation and packaging.....	3117	120.6	109.1	110.4	—	—	171.4	140.2	141.2	—	—
Bakeries and tortilla manufacturing.....	3118	101.5	105.8	106.6	—	—	138.7	145.5	145.7	—	—
Textile mills.....	313	36.3	37.3	36.5	37.5	2.7	49.6	52.5	51.5	52.8	2.5
Textile product mills.....	314	54.3	51.6	50.5	52.0	3.0	74.4	73.4	71.1	72.2	1.5
Apparel.....	315	30.5	31.0	30.3	29.2	-3.6	48.0	51.5	50.0	49.9	-0.2
Paper and paper products.....	322	66.6	68.8	68.5	69.6	1.6	86.6	89.3	89.2	90.1	1.0
Pulp, paper, and paperboard mills.....	3221	61.4	62.8	62.1	—	—	76.4	76.7	75.3	—	—
Converted paper products.....	3222	69.0	71.5	71.5	—	—	93.6	98.1	98.8	—	—
Paperboard containers.....	32221	73.7	77.2	76.8	—	—	97.8	104.3	104.6	—	—
Corrugated and solid fiber boxes.....	322211	76.1	77.1	76.8	—	—	100.0	102.1	102.6	—	—
Paper bags and coated and treated paper.....	32222	65.0	66.0	66.0	—	—	83.9	83.8	84.6	—	—
Printing and related support activities.....	323	64.0	62.0	62.1	62.5	0.6	79.1	77.8	78.2	78.0	-0.3
Petroleum and coal products.....	324	115.1	110.7	112.8	115.1	2.0	198.9	199.4	197.3	201.1	1.9
Chemicals.....	325	97.2	101.3	101.1	102.5	1.4	129.6	144.6	142.4	143.9	1.1
Basic chemicals.....	3251	79.7	82.4	80.6	—	—	108.3	108.8	107.0	—	—
Resin, rubber, and artificial fibers.....	3252	77.6	79.4	78.6	—	—	111.9	118.3	117.7	—	—
Pharmaceuticals and medicines.....	3254	135.3	144.5	143.7	—	—	185.8	229.0	222.3	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: May 2018 - June 2018 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	June 2017		Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	
Soaps, cleaning compounds, and toiletries.....	3256	90.1	93.1	92.4	-	-	114.4	128.0	126.6	-	-	
Plastics and rubber products.....	326	87.0	85.1	85.1	85.3	0.2	111.3	115.3	115.5	115.9	0.3	
Plastics products.....	3261	90.3	89.0	88.5	-	-	121.0	126.8	126.3	-	-	
Plastics packaging materials, film, and sheet... ..	32611	104.7	107.5	104.7	-	-	132.6	148.8	146.8	-	-	
Foam products.....	32614,5	113.6	112.6	109.7	-	-	151.1	160.1	154.8	-	-	
Other plastics products.....	32619	83.5	81.4	81.4	-	-	116.0	118.2	118.1	-	-	
Rubber products.....	3262	75.9	71.6	72.7	-	-	84.3	83.1	84.5	-	-	
Miscellaneous nondurable goods manufacturing... ..	312,6	101.7	104.0	106.3	104.7	-1.5	126.6	128.9	131.6	130.5	-0.8	
Private service-providing.....		122.5	123.7	123.1	124.9	1.5	181.4	190.4	187.7	189.7	1.1	
Trade, transportation, and utilities.....		109.6	110.1	110.7	111.7	0.9	150.8	156.7	156.5	157.8	0.8	
Wholesale trade.....	42	109.1	109.9	109.9	110.3	0.4	157.7	162.6	161.6	162.8	0.7	
Durable goods.....	423	103.0	105.2	104.5	-	-	143.8	151.8	149.3	-	-	
Motor vehicles and parts.....	4231	101.9	101.3	101.8	-	-	135.5	137.6	138.6	-	-	
Motor vehicles.....	42311	101.7	104.8	105.1	-	-	135.6	152.9	155.1	-	-	
New motor vehicle parts.....	42312	97.3	93.3	95.2	-	-	127.1	122.2	124.2	-	-	
Furniture and furnishings.....	4232	96.5	104.9	101.2	-	-	131.9	145.0	138.4	-	-	
Lumber and construction supplies.....	4233	105.3	104.0	104.1	-	-	153.2	158.8	159.5	-	-	
Lumber and wood.....	42331	90.1	89.7	89.1	-	-	134.6	141.3	141.0	-	-	
Commercial equipment.....	4234	95.0	97.4	95.2	-	-	133.1	140.0	134.0	-	-	
Office equipment.....	42342	71.3	70.2	67.5	-	-	102.3	105.3	97.1	-	-	
Computer and software.....	42343	78.4	83.4	80.3	-	-	107.6	113.6	107.7	-	-	
Medical equipment.....	42345	134.3	135.4	132.6	-	-	202.4	212.0	205.5	-	-	
Miscellaneous professional and commercial equipment.....	42341,4,6,9	111.0	113.3	114.2	-	-	169.3	180.9	177.6	-	-	
Metals and minerals.....	4235	102.0	106.3	104.3	-	-	137.1	152.9	148.2	-	-	
Electric goods.....	4236	96.1	95.8	93.9	-	-	132.3	135.6	132.9	-	-	
Electrical equipment and wiring.....	42361	108.0	106.4	103.7	-	-	147.9	142.8	140.6	-	-	
Electric appliances and other electronic parts.....	42362,9	86.0	86.8	85.6	-	-	120.0	129.7	126.9	-	-	
Hardware and plumbing.....	4237	114.3	117.3	118.8	-	-	170.2	180.8	181.6	-	-	
Hardware.....	42371	109.7	112.7	116.4	-	-	164.9	182.1	181.8	-	-	
Plumbing equipment.....	42372	120.6	125.0	125.6	-	-	187.9	205.9	207.4	-	-	
HVAC and refrigeration equipment.....	42373,4	111.2	113.1	113.5	-	-	156.7	155.4	156.4	-	-	
Machinery and supplies.....	4238	105.9	109.0	108.5	-	-	151.8	161.4	159.9	-	-	
Construction equipment.....	42381	117.2	116.8	120.1	-	-	164.6	169.0	174.9	-	-	
Farm and garden equipment.....	42382	107.3	111.2	110.6	-	-	177.1	185.5	184.6	-	-	
Industrial machinery.....	42383	99.1	102.8	101.7	-	-	141.0	148.9	145.8	-	-	
Industrial supplies.....	42384	130.4	134.6	130.7	-	-	189.2	211.5	201.7	-	-	
Miscellaneous durable goods.....	4239	117.8	123.5	122.9	-	-	167.4	184.0	181.8	-	-	
Sporting goods.....	42391	114.6	117.0	116.3	-	-	164.6	175.3	174.7	-	-	
Recyclable materials.....	42393	120.3	127.2	128.2	-	-	163.9	181.6	183.4	-	-	
Nondurable goods.....	424	106.7	104.4	106.3	-	-	151.5	153.0	155.9	-	-	
Paper and paper products.....	4241	83.9	84.0	83.6	-	-	119.8	126.8	125.8	-	-	
Druggists' goods.....	4242	89.3	92.4	90.9	-	-	132.8	141.1	138.8	-	-	
Apparel and piece goods.....	4243	100.5	95.3	95.5	-	-	139.0	136.7	136.7	-	-	
Grocery and related products.....	4244	115.8	112.1	114.6	-	-	159.9	157.5	160.8	-	-	
General line grocery.....	42441	110.6	108.9	110.5	-	-	152.2	143.1	146.7	-	-	
Fruits and vegetables.....	42448	150.1	143.2	150.4	-	-	201.9	210.6	215.9	-	-	
Farm product raw materials.....	4245	111.4	97.9	109.5	-	-	173.5	159.9	181.4	-	-	
Chemicals.....	4246	103.3	109.8	110.8	-	-	147.2	160.3	161.1	-	-	
Petroleum.....	4247	102.0	101.0	98.4	-	-	163.0	149.9	148.2	-	-	
Alcoholic beverages.....	4248	152.5	151.9	150.9	-	-	205.4	216.4	217.7	-	-	
Misc. nondurable goods.....	4249	94.3	90.8	95.8	-	-	137.0	139.0	148.6	-	-	
Farm supplies.....	42491	116.3	112.2	123.6	-	-	170.4	173.9	195.8	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Nursery stock and florists' supplies.....	42493	84.3	77.5	89.9	-	-	122.1	112.1	132.7	-	-
Electronic markets and agents and brokers.....	425	150.4	152.8	150.3	-	-	236.9	236.0	230.7	-	-
Retail trade.....		103.5	103.7	104.6	105.9	1.2	135.5	141.7	142.8	144.0	0.8
Motor vehicle and parts dealers.....	441	114.6	114.5	113.8	-	-	138.8	147.5	145.0	-	-
Automobile dealers.....	4411	113.6	114.3	113.5	-	-	131.9	142.6	139.0	-	-
New car dealers.....	44111	108.1	108.6	107.9	-	-	125.2	135.4	132.3	-	-
Used car dealers.....	44112	182.9	188.8	183.6	-	-	246.0	269.0	254.7	-	-
Other motor vehicle dealers.....	4412	126.1	114.7	118.2	-	-	181.6	167.0	174.2	-	-
Auto parts, accessories, and tire stores.....	4413	113.9	114.4	114.2	-	-	151.6	158.9	159.8	-	-
Automotive parts and accessories stores.....	44131	111.0	111.0	110.7	-	-	152.9	162.4	162.8	-	-
Tire dealers.....	44132	119.9	121.0	121.4	-	-	149.2	152.3	154.5	-	-
Furniture and home furnishings stores.....	442	88.5	88.9	88.9	-	-	122.7	127.6	125.8	-	-
Furniture stores.....	4421	88.4	89.9	90.1	-	-	120.1	124.9	122.0	-	-
Home furnishings stores.....	4422	88.4	87.5	87.7	-	-	126.2	131.0	131.4	-	-
Floor covering stores.....	44221	75.4	76.9	77.9	-	-	109.7	113.6	117.5	-	-
Other home furnishings stores.....	44229	98.9	96.3	95.9	-	-	144.8	150.8	147.2	-	-
Electronics and appliance stores.....	443	97.3	100.2	97.4	-	-	138.7	151.7	144.4	-	-
Household appliance stores.....	443141	63.2	65.0	65.5	-	-	82.3	89.6	91.8	-	-
Electronics stores.....	443142	103.6	106.9	103.5	-	-	147.1	161.1	152.5	-	-
Building material and garden supply stores.....	444	106.0	110.2	112.5	-	-	138.7	148.3	151.6	-	-
Building material and supplies dealers.....	4441	103.3	108.3	109.6	-	-	134.8	145.3	146.6	-	-
Home centers.....	44411	120.0	127.1	128.6	-	-	153.0	170.7	171.6	-	-
Hardware stores.....	44413	93.5	91.0	93.7	-	-	126.8	126.6	129.9	-	-
Lawn and garden equipment and supplies stores... ..	4442	125.3	122.9	135.5	-	-	168.7	170.9	193.5	-	-
Food and beverage stores.....	445	95.5	92.9	95.3	-	-	116.5	116.8	120.2	-	-
Grocery stores.....	4451	96.7	94.0	96.2	-	-	118.8	118.9	121.9	-	-
Supermarkets and other grocery stores.....	44511	95.7	92.8	95.3	-	-	117.6	117.5	120.8	-	-
Convenience stores.....	44512	116.8	113.3	112.9	-	-	150.8	148.0	147.6	-	-
Specialty food stores.....	4452	76.4	77.2	80.9	-	-	89.8	92.8	100.9	-	-
Meat markets and fish and seafood markets.....	44521,2	100.9	99.5	100.8	-	-	129.2	122.2	129.1	-	-
Beer, wine, and liquor stores.....	4453	102.4	103.7	103.8	-	-	117.1	124.9	124.6	-	-
Health and personal care stores.....	446	104.6	106.0	103.3	-	-	149.9	160.9	156.8	-	-
Pharmacies and drug stores.....	44611	97.5	95.8	94.1	-	-	148.3	155.0	151.3	-	-
Cosmetic and beauty supply stores.....	44612	146.0	157.1	143.4	-	-	182.2	205.3	188.7	-	-
Optical goods stores.....	44613	127.9	140.3	138.7	-	-	172.0	194.9	191.8	-	-
Other health and personal care stores.....	44619	98.9	105.5	104.8	-	-	123.0	144.1	144.5	-	-
Gasoline stations.....	447	104.5	104.1	105.2	-	-	140.4	141.7	143.2	-	-
Gasoline stations with convenience stores.....	44711	109.3	108.7	110.1	-	-	147.9	149.4	151.0	-	-
Other gasoline stations.....	44719	79.7	78.7	80.1	-	-	106.4	106.1	109.4	-	-
Clothing and clothing accessories stores.....	448	91.0	85.7	87.3	-	-	121.6	122.4	125.7	-	-
Clothing stores.....	4481	91.4	85.8	87.2	-	-	117.9	117.9	120.6	-	-
Women's clothing stores.....	44812	112.4	101.5	101.2	-	-	137.4	124.9	126.3	-	-
Family clothing stores.....	44814	81.0	76.8	79.2	-	-	100.0	103.3	108.0	-	-
Clothing accessories stores.....	44815	125.9	117.5	105.7	-	-	178.9	177.3	163.9	-	-
Shoe stores.....	4482	108.3	103.7	105.5	-	-	177.3	175.6	180.3	-	-
Jewelry, luggage, and leather goods stores.....	4483	75.7	71.3	73.5	-	-	103.2	108.1	112.9	-	-
Sporting goods, hobby, book, and music stores.....	451	99.6	97.8	98.4	-	-	145.3	148.3	148.2	-	-
Sporting goods and musical instrument stores.....	4511	117.5	116.6	117.1	-	-	167.0	171.8	172.0	-	-
Sporting goods stores.....	45111	146.3	141.8	143.8	-	-	200.4	200.2	203.8	-	-
Book stores and news dealers.....	4512	45.3	41.1	41.9	-	-	70.2	67.7	66.1	-	-
General merchandise stores.....	452	114.9	116.9	118.5	-	-	150.1	161.3	167.8	-	-
Miscellaneous store retailers.....	453	84.4	82.0	85.5	-	-	108.3	107.1	111.0	-	-
Florists.....	4531	46.9	46.9	60.4	-	-	63.1	66.4	85.8	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Office supplies, stationery, and gift stores.....	4532	50.6	48.0	48.7	-	-	63.9	62.1	62.0	-	-
Office supplies and stationery stores.....	45321	48.3	45.6	45.0	-	-	59.0	54.5	53.2	-	-
Gift, novelty, and souvenir stores.....	45322	52.8	50.4	52.2	-	-	71.5	73.6	75.3	-	-
Used merchandise stores.....	4533	175.5	172.0	174.1	-	-	260.1	253.8	256.2	-	-
Other miscellaneous store retailers.....	4539	117.4	114.4	119.2	-	-	148.2	147.7	153.3	-	-
Pet and pet supplies stores.....	45391	171.7	179.9	181.6	-	-	230.8	250.8	253.9	-	-
Nonstore retailers.....	454	123.3	125.5	124.4	-	-	179.6	176.5	173.5	-	-
Electronic shopping and mail-order houses.....	4541	161.4	162.6	162.7	-	-	227.9	215.5	211.8	-	-
Transportation and warehousing.....		129.5	131.1	132.2	133.4	0.9	175.0	182.7	182.5	184.2	0.9
Air transportation.....	481	74.2	76.0	73.7	-	-	154.9	168.4	159.7	-	-
Truck transportation.....	484	120.6	118.0	119.4	-	-	164.1	164.4	166.1	-	-
General freight trucking.....	4841	115.0	114.1	114.9	-	-	154.7	154.7	155.4	-	-
General freight trucking, local.....	48411	112.4	115.2	113.8	-	-	153.6	160.7	160.0	-	-
General freight trucking, long-distance.....	48412	115.8	113.7	115.4	-	-	155.0	152.8	154.1	-	-
General freight trucking, long-distance TL.....	484121	110.9	108.8	110.4	-	-	151.2	146.9	148.1	-	-
General freight trucking, long-distance LTL.....	484122	128.1	125.5	127.0	-	-	163.8	165.9	166.8	-	-
Specialized freight trucking.....	4842	135.2	128.4	131.5	-	-	191.5	192.7	197.4	-	-
Used household and office goods moving.....	48421	103.6	88.5	93.5	-	-	130.4	128.7	134.5	-	-
Other specialized trucking, local.....	48422	144.1	136.9	141.9	-	-	210.8	212.4	221.1	-	-
Other specialized trucking, long-distance.....	48423	146.9	148.6	145.8	-	-	203.2	206.9	203.3	-	-
Transit and ground passenger transportation.....	485	133.0	145.7	147.1	-	-	180.6	200.8	204.4	-	-
School and employee bus transportation.....	4854	124.7	156.2	163.0	-	-	175.3	218.9	230.2	-	-
Other ground passenger transportation.....	4859	193.5	200.6	201.4	-	-	243.3	256.5	260.3	-	-
Pipeline transportation.....	486	132.3	124.5	126.9	-	-	243.9	238.3	241.4	-	-
Support activities for transportation.....	488	132.1	137.4	135.9	-	-	168.5	181.1	177.4	-	-
Support activities for air transportation.....	4881	146.7	149.3	150.6	-	-	167.0	172.1	176.1	-	-
Airport operations.....	48811	148.5	147.7	148.2	-	-	143.3	142.9	144.0	-	-
Support activities for water transportation.....	4883	86.0	97.2	91.0	-	-	130.3	158.6	145.7	-	-
Support activities for road transportation.....	4884	149.4	159.3	155.9	-	-	163.3	174.9	171.3	-	-
Freight transportation arrangement.....	4885	138.1	141.4	140.2	-	-	196.3	203.8	200.4	-	-
Support activities for other transportation, including rail.....	4882,9	136.2	138.1	137.6	-	-	205.9	212.4	209.5	-	-
Couriers and messengers.....	492	157.0	165.1	167.4	-	-	194.1	213.8	213.9	-	-
Warehousing and storage.....	493	205.1	209.1	213.7	-	-	233.8	251.0	254.6	-	-
General warehousing and storage.....	49311	218.5	223.0	228.0	-	-	248.9	268.1	271.3	-	-
Utilities.....	22	98.1	98.6	97.1	97.6	0.5	148.3	151.2	148.3	148.0	-0.2
Power generation and supply.....	2211	97.0	98.3	96.8	-	-	152.0	154.9	152.2	-	-
Electric power generation.....	22111	60.7	63.6	61.1	-	-	95.5	99.3	94.7	-	-
Fossil fuel electric power generation.....	221112	67.1	68.7	67.3	-	-	112.2	115.6	112.1	-	-
Electric power transmission and distribution.....	22112	154.5	153.0	153.3	-	-	252.1	253.3	254.2	-	-
Natural gas distribution.....	2212	94.4	92.8	90.5	-	-	133.9	137.2	133.9	-	-
Water, sewage and other systems.....	2213	120.0	117.4	118.6	-	-	152.5	152.2	148.4	-	-
Information.....	51	92.5	92.3	89.5	91.0	1.7	139.6	144.7	139.4	141.8	1.7
Publishing industries, except Internet.....	511	99.1	101.4	97.3	-	-	153.5	162.0	155.5	-	-
Newspaper, book, and directory publishers.....	5111	73.9	72.2	70.6	-	-	110.5	109.1	107.1	-	-
Newspaper publishers.....	51111	66.3	62.0	60.8	-	-	88.5	80.2	78.8	-	-
Periodical publishers.....	51112	90.4	91.2	89.4	-	-	146.7	152.6	150.2	-	-
Software publishers.....	5112	140.7	149.4	141.2	-	-	189.6	206.1	196.0	-	-
Motion picture and sound recording industries.....	512	96.5	90.6	91.3	-	-	110.3	108.4	108.2	-	-
Broadcasting, except Internet.....	515	82.8	82.1	80.5	-	-	124.5	131.2	128.3	-	-
Radio broadcasting.....	51511	86.0	86.2	83.4	-	-	134.6	148.0	143.1	-	-
Telecommunications.....	517	72.0	69.9	67.4	-	-	104.8	108.7	104.3	-	-
Wired and wireless telecommunications carriers.....	5173	78.5	75.6	73.1	-	-	114.7	117.6	113.5	-	-

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	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: May 2018 - June 2018 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	June 2017		Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	
Data processing, hosting and related services.....	518	115.2	119.7	115.1	-	-	210.6	205.5	199.6	-	-	
Other information services.....	519	246.3	262.7	249.7	-	-	382.8	425.5	392.8	-	-	
Financial activities.....		114.9	116.5	114.0	115.8	1.6	186.1	195.3	188.3	190.0	0.9	
Credit intermediation and related activities.....	522	107.9	110.3	106.8	-	-	174.2	183.9	176.8	-	-	
Depository credit intermediation.....	5221	105.4	108.3	104.8	-	-	173.0	187.1	180.4	-	-	
Commercial banking.....	52211	111.5	114.9	110.6	-	-	187.4	203.4	194.5	-	-	
Savings institutions.....	52212	50.2	49.8	48.9	-	-	75.6	78.4	78.6	-	-	
Credit unions and other depository credit intermediation.....	52213,9	129.5	132.6	130.5	-	-	204.2	219.5	215.7	-	-	
Nondepository credit intermediation.....	5222	101.1	103.2	100.6	-	-	154.0	163.9	158.1	-	-	
Consumer lending.....	522291	108.9	110.3	107.4	-	-	139.5	148.3	144.9	-	-	
Real estate credit.....	522292	98.3	100.9	97.0	-	-	136.1	147.3	141.6	-	-	
Activities related to credit intermediation.....	5223	146.3	144.4	140.5	-	-	247.7	230.0	219.9	-	-	
Securities, commodity contracts, investments, and funds and trusts.....	523,5	129.8	133.5	125.5	-	-	233.3	243.2	226.1	-	-	
Securities brokerage.....	52312	107.1	108.4	101.6	-	-	183.5	190.2	180.1	-	-	
Securities and commodity contracts brokerage and exchanges.....	5231,2	103.5	103.4	96.2	-	-	196.9	189.3	175.6	-	-	
Other financial investment activities, including funds and trusts.....	5239; 525	174.5	183.8	174.5	-	-	293.4	330.8	308.2	-	-	
Portfolio management.....	52392	167.4	176.2	167.9	-	-	287.8	336.4	318.6	-	-	
Investment advice.....	52393	223.0	238.4	226.8	-	-	359.5	412.6	376.8	-	-	
Insurance carriers and related activities.....	524	118.4	119.0	116.9	-	-	179.3	188.9	182.5	-	-	
Insurance carriers.....	5241	106.2	104.9	104.1	-	-	163.8	168.1	163.4	-	-	
Direct life and health insurance carriers.....	52411	110.8	112.8	112.1	-	-	177.1	190.6	183.5	-	-	
Direct insurers, except life and health.....	52412	101.8	97.1	96.2	-	-	148.9	144.4	142.1	-	-	
Reinsurance carriers.....	52413	92.1	92.3	91.1	-	-	222.1	220.5	215.3	-	-	
Insurance agencies, brokerages, and related services.....	5242	142.7	147.0	142.5	-	-	213.8	235.6	225.2	-	-	
Insurance agencies and brokerages.....	52421	140.3	145.0	139.7	-	-	206.2	231.7	219.4	-	-	
Other insurance-related activities.....	52429	148.6	152.3	148.7	-	-	231.3	245.1	237.5	-	-	
Third-party administration of insurance funds.....	524292	141.5	147.5	143.9	-	-	223.1	246.1	236.2	-	-	
Real estate.....	531	121.3	124.8	124.3	-	-	198.9	210.8	207.6	-	-	
Lessors of real estate.....	5311	96.4	96.8	96.8	-	-	154.5	162.4	162.8	-	-	
Lessors of residential buildings.....	53111	93.1	90.8	91.6	-	-	144.5	144.6	147.0	-	-	
Lessors of nonresidential buildings.....	53112	88.6	96.0	95.0	-	-	166.9	191.2	188.9	-	-	
Offices of real estate agents and brokers.....	5312	111.4	114.7	114.5	-	-	197.9	207.3	206.8	-	-	
Activities related to real estate.....	5313	163.8	171.6	169.6	-	-	254.8	272.6	262.6	-	-	
Real estate property managers.....	53131	165.0	173.1	171.8	-	-	256.1	272.0	265.4	-	-	
Residential property managers.....	531311	174.7	184.3	183.5	-	-	265.2	290.1	284.9	-	-	
Nonresidential property managers.....	531312	143.0	147.5	144.4	-	-	239.8	239.2	228.9	-	-	
Rental and leasing services.....	532	99.3	99.7	101.9	-	-	156.8	162.8	167.4	-	-	
Home health equipment rental.....	532283	126.8	118.4	118.3	-	-	130.8	130.8	130.5	-	-	
General rental centers.....	5323	68.0	58.8	63.4	-	-	67.6	59.7	66.9	-	-	
Machinery and equipment rental and leasing.....	5324	145.3	169.5	174.5	-	-	240.7	282.9	298.7	-	-	
Heavy machinery rental and leasing.....	53241	133.2	157.6	170.1	-	-	254.5	302.8	330.3	-	-	
Office equipment and other machinery rental and leasing.....	53242,9	162.3	186.3	180.4	-	-	221.4	255.3	254.8	-	-	
Professional and business services.....		134.3	135.9	134.5	136.8	1.7	205.1	217.1	211.9	214.9	1.4	
Professional and technical services.....	54	143.2	149.8	142.9	-	-	221.8	241.2	229.0	-	-	
Legal services.....	5411	103.3	105.6	101.3	-	-	155.1	168.0	158.5	-	-	
Offices of lawyers.....	54111	101.5	103.7	99.2	-	-	153.2	165.7	156.0	-	-	
Other legal services.....	54119	129.2	131.9	129.8	-	-	197.5	216.8	212.2	-	-	
Title abstract and settlement offices.....	541191	112.6	117.1	114.3	-	-	157.1	170.4	166.4	-	-	

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	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Accounting and bookkeeping services.....	5412	109.5	139.7	110.3	-	-	173.1	222.5	180.1	-	-
Offices of certified public accountants.....	541211	122.3	152.8	122.8	-	-	180.5	226.3	184.6	-	-
Payroll services.....	541214	133.0	132.1	135.1	-	-	214.7	223.9	228.4	-	-
Architectural and engineering services.....	5413	119.0	116.7	116.0	-	-	182.6	187.5	185.3	-	-
Architectural services.....	54131	108.6	108.6	106.2	-	-	159.2	170.5	165.5	-	-
Landscape architectural services.....	54132	82.8	79.5	82.3	-	-	134.8	136.3	138.9	-	-
Engineering and drafting services.....	54133,4	124.9	121.6	121.5	-	-	192.5	195.8	194.1	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	99.8	96.5	98.1	-	-	159.4	156.6	158.7	-	-
Testing laboratories.....	54138	120.2	120.0	117.3	-	-	168.8	178.3	175.2	-	-
Specialized design services.....	5414	119.7	116.3	116.8	-	-	203.8	203.5	205.1	-	-
Graphic design services.....	54143	100.7	94.3	92.9	-	-	174.8	173.8	173.1	-	-
Computer systems design and related services.....	5415	182.7	191.2	184.7	-	-	260.7	287.6	272.6	-	-
Custom computer programming services.....	541511	170.2	182.2	175.6	-	-	239.4	270.4	256.6	-	-
Computer systems design services.....	541512	228.4	235.1	227.4	-	-	310.9	336.8	317.8	-	-
Management and technical consulting services.....	5416	235.7	242.1	237.5	-	-	350.1	371.4	362.0	-	-
Management consulting services.....	54161	232.0	243.9	239.6	-	-	338.8	363.5	354.5	-	-
Administrative management consulting services..	541611	261.1	280.1	276.1	-	-	412.7	447.0	438.2	-	-
Marketing consulting services.....	541613	389.8	415.5	397.3	-	-	548.1	606.9	573.4	-	-
Process and logistics consulting services.....	541614	216.4	222.3	218.4	-	-	279.6	276.3	270.5	-	-
Scientific research and development services.....	5417	134.6	142.2	138.5	-	-	224.5	244.6	236.1	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.5	149.2	145.4	-	-	236.6	257.8	248.9	-	-
Research and development in nanotechnology..	541713	137.0	171.3	171.3	-	-	224.8	292.8	295.6	-	-
Research and development in biotechnology, except nanobiotechnology.....	541714	170.9	184.2	178.0	-	-	267.7	309.2	287.8	-	-
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology.....	541715	132.1	136.7	133.6	-	-	227.9	240.8	235.2	-	-
Social science and humanities research.....	54172	84.3	90.7	87.4	-	-	125.4	136.1	130.2	-	-
Advertising and related services.....	5418	127.6	130.1	125.4	-	-	206.2	217.7	205.6	-	-
Advertising agencies.....	54181	144.9	147.0	138.3	-	-	222.2	231.4	213.1	-	-
Public relations agencies.....	54182	134.1	142.6	135.9	-	-	216.8	240.0	229.1	-	-
Advertising material distribution and other advertising services.....	54187,9	152.9	148.3	147.0	-	-	236.6	240.7	239.5	-	-
Other professional and technical services.....	5419	167.9	172.8	169.9	-	-	277.2	301.3	293.9	-	-
Marketing research and public opinion polling.....	54191	87.9	88.0	83.1	-	-	140.2	149.8	141.2	-	-
Photographic services.....	54192	67.2	63.9	60.9	-	-	108.4	113.0	108.4	-	-
Veterinary services.....	54194	174.3	175.9	174.9	-	-	268.3	277.4	272.4	-	-
Miscellaneous professional and technical services..	54193,9	424.6	462.8	455.2	-	-	743.7	861.6	847.0	-	-
Management of companies and enterprises.....	55	127.4	124.7	123.4	-	-	217.6	220.7	216.8	-	-
Offices of bank holding companies and of other holding companies.....	55111,2	97.8	105.6	106.7	-	-	159.7	182.3	182.9	-	-
Managing offices.....	551114	128.9	125.5	124.1	-	-	221.4	222.9	218.8	-	-
Administrative and waste services.....	56	128.7	127.0	129.8	-	-	178.9	182.9	186.4	-	-
Administrative and support services.....	561	128.7	126.9	129.7	-	-	179.6	183.4	186.8	-	-
Office administrative services.....	5611	195.7	195.3	193.8	-	-	331.0	351.5	341.3	-	-
Facilities support services.....	5612	156.5	151.9	151.1	-	-	177.9	172.3	173.2	-	-
Employment services.....	5613	118.6	118.7	120.1	-	-	158.5	163.8	165.1	-	-
Employment placement agencies and executive search services.....	56131	105.5	113.3	110.7	-	-	178.8	179.9	172.3	-	-
Temporary help services.....	56132	143.5	142.4	145.1	-	-	189.5	195.8	199.4	-	-
Professional employer organizations.....	56133	49.7	50.2	50.1	-	-	64.7	67.6	67.5	-	-
Business support services.....	5614	126.6	130.1	128.1	-	-	184.1	194.4	190.5	-	-
Telephone call centers.....	56142	161.1	164.9	162.0	-	-	243.2	260.8	256.8	-	-
Business service centers.....	56143	90.3	87.2	88.9	-	-	126.2	119.6	121.3	-	-

See footnotes at end of table.



**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>
Collection agencies.....	56144	87.0	89.7	88.8	-	-	124.0	132.1	128.0	-	-
Travel arrangement and reservation services.....	5615	91.8	91.3	90.9	-	-	147.6	154.2	153.2	-	-
Travel agencies.....	56151	74.4	73.8	73.5	-	-	96.4	101.0	102.8	-	-
Investigation and security services.....	5616	128.2	129.2	129.8	-	-	188.9	197.6	199.0	-	-
Security and armored car services.....	56161	125.6	125.5	125.9	-	-	182.5	188.6	189.2	-	-
Security systems services.....	56162	144.0	153.0	154.6	-	-	215.7	236.4	241.2	-	-
Services to buildings and dwellings.....	5617	148.4	137.8	147.7	-	-	208.5	199.4	215.9	-	-
Exterminating and pest control services.....	56171	169.3	166.9	167.7	-	-	254.7	248.8	258.6	-	-
Janitorial services.....	56172	127.3	129.7	129.8	-	-	173.6	180.3	181.5	-	-
Landscaping services.....	56173	175.1	147.5	170.7	-	-	243.6	218.5	251.3	-	-
Carpet and upholstery cleaning services.....	56174	99.7	95.9	101.0	-	-	135.0	136.3	143.5	-	-
Other services to buildings and dwellings.....	56179	146.8	128.6	147.1	-	-	183.6	169.1	193.8	-	-
Other support services.....	5619	114.1	114.5	117.2	-	-	149.6	154.0	159.7	-	-
Packaging and labeling services.....	56191	130.8	120.3	122.5	-	-	201.0	185.7	187.4	-	-
Convention and trade show organizers.....	56192	99.3	111.9	111.6	-	-	120.1	124.4	125.9	-	-
All other support services.....	56199	113.0	113.3	117.3	-	-	152.5	161.9	171.0	-	-
Waste management and remediation services.....	562	129.7	131.2	134.2	-	-	171.3	176.6	182.1	-	-
Waste collection.....	5621	164.9	170.9	174.5	-	-	221.3	230.3	238.0	-	-
Waste treatment and disposal.....	5622	88.4	84.6	86.9	-	-	135.4	133.3	134.9	-	-
Remediation and other waste services.....	5629	138.5	140.3	144.2	-	-	165.4	174.9	183.1	-	-
Education and health services.....		138.1	143.8	142.0	141.2	-0.6	208.8	222.6	220.1	219.1	-0.5
Health care and social assistance.....	62	141.0	144.8	143.9	-	-	214.3	226.6	225.2	-	-
Health care <sup>5</sup> .....	621,2,3	137.0	140.4	139.5	-	-	213.4	225.2	224.0	-	-
Ambulatory health care services.....	621	158.8	165.0	163.6	-	-	246.6	263.0	260.6	-	-
Offices of physicians.....	6211	136.8	141.7	140.4	-	-	243.7	259.9	257.6	-	-
Offices of physicians, except mental health.....	621111	137.2	141.9	140.5	-	-	245.1	261.2	259.0	-	-
Offices of mental health physicians.....	621112	116.9	134.2	132.8	-	-	166.5	198.2	189.1	-	-
Offices of dentists.....	6212	124.8	128.0	126.1	-	-	176.5	185.3	182.6	-	-
Offices of other health practitioners.....	6213	175.3	185.3	185.6	-	-	254.5	278.8	275.5	-	-
Offices of chiropractors.....	62131	132.6	144.3	140.4	-	-	189.6	210.6	199.6	-	-
Offices of optometrists.....	62132	152.0	157.9	158.3	-	-	223.9	246.7	243.7	-	-
Offices of mental health practitioners.....	62133	137.5	146.1	144.9	-	-	165.9	176.0	177.5	-	-
Offices of specialty therapists.....	62134	197.7	205.3	206.7	-	-	287.4	318.0	314.6	-	-
Offices of all other health practitioners.....	62139	236.5	259.4	259.8	-	-	334.9	359.3	354.4	-	-
Outpatient care centers.....	6214	209.3	224.2	222.6	-	-	320.4	353.2	350.7	-	-
Outpatient mental health centers.....	62142	171.2	180.6	177.5	-	-	227.5	248.5	243.6	-	-
Outpatient care centers, except mental health.....	62141,9	226.6	244.1	243.4	-	-	356.7	394.1	393.0	-	-
Freestanding emergency medical centers.....	621493	244.3	268.7	269.5	-	-	372.2	407.9	413.2	-	-
Miscellaneous outpatient care centers.....	621410,98	224.1	245.2	242.0	-	-	350.9	402.0	394.3	-	-
Medical and diagnostic laboratories.....	6215	158.1	161.4	162.2	-	-	225.5	238.4	238.7	-	-
Medical laboratories.....	621511	159.7	164.2	163.8	-	-	230.2	243.5	243.1	-	-
Diagnostic imaging centers.....	621512	153.1	153.9	157.9	-	-	212.8	225.6	227.7	-	-
Home health care services.....	6216	208.9	216.7	214.7	-	-	280.9	291.4	289.5	-	-
Other ambulatory health care services.....	6219	162.7	162.2	158.7	-	-	257.2	266.8	259.1	-	-
Ambulance services.....	62191	163.0	162.1	158.8	-	-	241.0	257.3	251.5	-	-
All other ambulatory health care services.....	62199	162.2	162.8	158.3	-	-	277.0	279.1	268.3	-	-
Hospitals.....	622	127.3	129.7	129.8	-	-	205.2	215.8	215.7	-	-
General medical and surgical hospitals.....	6221	125.0	127.2	127.2	-	-	202.4	212.4	212.1	-	-
Nursing and residential care facilities.....	623	118.7	120.7	118.3	-	-	162.1	169.4	166.4	-	-
Nursing care facilities.....	6231	101.5	103.5	101.1	-	-	141.3	145.6	142.8	-	-
Residential mental health facilities.....	6232	131.6	133.5	131.7	-	-	180.9	193.3	190.3	-	-
Residential intellectual and developmental disability facilities.....	62321	122.6	123.0	121.6	-	-	161.8	171.4	169.0	-	-

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	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: May 2018 - June 2018 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	June 2017		Apr. 2018	May 2018 <sup>P</sup>	June 2018 <sup>P</sup>	Percent change from: May 2018 - June 2018 <sup>P</sup>	
Residential mental health and substance abuse facilities.....	62322	151.6	156.6	153.9	-	-	218.0	236.3	231.7	-	-	
Community care facilities for the elderly.....	6233	166.3	168.2	165.2	-	-	228.9	242.2	237.5	-	-	
Continuing care retirement communities.....	623311	203.4	204.2	201.7	-	-	282.1	296.3	293.0	-	-	
Assisted living facilities for the elderly.....	623312	135.2	137.8	135.0	-	-	179.6	191.8	186.8	-	-	
Other residential care facilities.....	6239	97.1	101.0	98.5	-	-	128.8	136.2	135.0	-	-	
Social assistance.....	624	165.8	170.6	169.4	-	-	227.2	240.8	237.9	-	-	
Individual and family services.....	6241	224.4	228.3	227.7	-	-	298.2	313.3	311.1	-	-	
Child and youth services.....	62411	135.2	135.5	135.4	-	-	190.4	200.6	196.8	-	-	
Services for the elderly and persons with disabilities.....	62412	286.8	292.3	291.3	-	-	391.6	411.0	409.5	-	-	
Other individual and family services.....	62419	143.2	146.0	144.2	-	-	206.5	217.4	212.5	-	-	
Emergency and other relief services.....	6242	137.4	144.3	140.5	-	-	203.7	221.8	211.8	-	-	
Vocational rehabilitation services.....	6243	95.7	96.1	95.8	-	-	130.7	132.3	132.4	-	-	
Child day care services.....	6244	126.6	133.2	132.8	-	-	172.7	188.1	186.6	-	-	
Leisure and hospitality.....		136.8	129.9	132.9	139.3	4.8	206.1	203.8	208.8	216.9	3.9	
Arts, entertainment, and recreation.....	71	137.4	109.8	116.8	-	-	189.8	166.3	172.0	-	-	
Performing arts and spectator sports.....	711	133.0	129.1	128.2	-	-	208.5	214.8	209.5	-	-	
Performing arts companies.....	7111	110.4	121.3	120.1	-	-	208.6	239.3	241.5	-	-	
Spectator sports.....	7112	122.5	111.4	116.8	-	-	178.3	173.3	168.5	-	-	
Arts and sports promoters and agents and managers for public figures.....	7113,4	188.1	180.1	171.3	-	-	263.8	276.5	260.9	-	-	
Independent artists, writers, and performers.....	7115	125.7	118.4	111.4	-	-	215.5	195.2	189.3	-	-	
Museums, historical sites, and similar institutions.....	712	152.8	133.5	139.6	-	-	205.9	185.9	192.7	-	-	
Museums.....	71211	129.9	119.2	120.1	-	-	176.0	161.9	162.7	-	-	
Historical sites and other similar institutions.....	71212,3,9	190.5	156.9	171.4	-	-	269.0	235.9	255.0	-	-	
Amusements, gambling, and recreation.....	713	137.6	102.1	111.4	-	-	180.8	143.9	153.8	-	-	
Gambling industries.....	7132	92.7	87.8	89.4	-	-	148.9	149.2	149.3	-	-	
Golf courses and country clubs.....	71391	167.2	106.5	135.4	-	-	222.7	158.3	193.8	-	-	
Skiing facilities.....	71392	79.6	102.6	61.9	-	-	131.9	179.3	110.5	-	-	
Marinas.....	71393	163.0	117.5	142.6	-	-	225.9	173.1	202.4	-	-	
Fitness and recreational sports centers.....	71394	123.0	107.1	109.3	-	-	149.8	133.5	134.0	-	-	
Bowling centers.....	71395	70.7	79.3	69.7	-	-	92.6	105.1	91.9	-	-	
Accommodation and food services.....	72	136.7	133.7	135.9	-	-	209.9	213.4	217.9	-	-	
Accommodation.....	721	120.9	111.0	113.5	-	-	170.5	165.0	167.0	-	-	
Traveler accommodation.....	7211	117.8	110.7	112.3	-	-	167.6	164.8	165.6	-	-	
Hotels and motels, except casino hotels.....	72111	122.7	113.8	115.3	-	-	176.3	172.1	172.8	-	-	
RV parks and recreational camps.....	7212	262.8	126.9	168.1	-	-	305.4	182.4	232.7	-	-	
Food services and drinking places.....	722	140.7	138.8	140.8	-	-	222.3	227.5	232.9	-	-	
Special food services.....	7223	132.7	148.3	145.7	-	-	196.3	218.5	217.5	-	-	
Food service contractors.....	72231	130.1	153.8	147.9	-	-	184.3	217.9	212.3	-	-	
Caterers and mobile food services.....	72232,3	141.2	129.7	137.6	-	-	239.7	220.0	235.3	-	-	
Drinking places, alcoholic beverages.....	7224	103.0	103.2	104.6	-	-	199.3	205.0	213.0	-	-	
Restaurants and other eating places.....	7225	142.7	140.1	142.4	-	-	225.2	229.7	235.5	-	-	
Full-service restaurants.....	722511	137.4	133.8	137.6	-	-	228.3	231.7	239.8	-	-	
Limited-service restaurants.....	722513	145.6	145.1	145.3	-	-	216.0	223.1	225.3	-	-	
Cafeterias, grill buffets, and buffets.....	722514	80.8	76.8	78.5	-	-	109.6	105.5	109.7	-	-	
Snack and nonalcoholic beverage bars.....	722515	222.9	205.6	211.4	-	-	330.9	318.6	328.9	-	-	
Other services.....	81	104.8	105.0	104.5	106.1	1.5	152.0	158.4	156.5	157.9	0.9	
Repair and maintenance.....	811	110.9	110.0	109.5	-	-	153.6	162.1	160.5	-	-	
Automotive repair and maintenance.....	8111	108.3	105.0	105.0	-	-	150.5	154.7	153.4	-	-	
Automotive mechanical and electrical repair.....	81111	99.9	100.5	100.1	-	-	140.1	141.6	140.5	-	-	
General automotive repair.....	811111	112.7	114.1	114.3	-	-	156.1	158.8	158.1	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA**

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: May 2018 - June 2018 <sup>p</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		June 2017	Apr. 2018	May 2018 <sup>p</sup>	June 2018 <sup>p</sup>	June 2017		Apr. 2018	May 2018 <sup>p</sup>	June 2018 <sup>p</sup>	Percent change from: May 2018 - June 2018 <sup>p</sup>	
Automotive body, interior, and glass repair.....	81112	111.0	104.0	105.8	-	-	157.5	163.0	161.2	-	-	
Other automotive repair and maintenance.....	81119	120.9	115.0	114.4	-	-	166.9	175.8	177.3	-	-	
Car washes.....	811192	132.6	130.1	130.1	-	-	179.8	200.1	201.0	-	-	
Auto oil change shops and all other auto repair and maintenance.....	811191,8	104.5	94.2	91.9	-	-	151.6	147.5	148.3	-	-	
Electronic equipment repair and maintenance.....	8112	100.3	100.0	97.5	-	-	131.9	142.3	138.4	-	-	
Computer and office machine repair.....	811212	84.9	96.9	93.9	-	-	101.8	125.1	124.0	-	-	
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	113.4	102.7	100.5	-	-	156.5	156.3	149.8	-	-	
Commercial machinery repair and maintenance.....	8113	140.3	151.3	148.6	-	-	196.7	224.9	221.9	-	-	
Household goods repair and maintenance.....	8114	92.4	96.1	96.4	-	-	114.0	121.0	122.4	-	-	
Personal and laundry services.....	812	109.0	110.0	110.7	-	-	155.4	159.8	160.7	-	-	
Personal care services.....	8121	127.4	128.0	129.1	-	-	194.5	190.8	195.4	-	-	
Hair, nail, and skin care services.....	81211	115.8	117.5	118.8	-	-	173.4	168.2	173.1	-	-	
Other personal care services.....	81219	218.1	211.4	210.1	-	-	373.1	385.6	385.7	-	-	
Death care services.....	8122	92.8	94.6	95.4	-	-	132.0	140.8	139.1	-	-	
Drycleaning and laundry services.....	8123	81.4	77.8	79.1	-	-	106.3	106.9	107.6	-	-	
Coin-operated laundries and drycleaners.....	81231	72.4	60.2	61.2	-	-	82.3	69.9	71.8	-	-	
Drycleaning and laundry services, except coin-operated.....	81232	64.2	60.0	62.3	-	-	88.3	85.8	88.6	-	-	
Linen and uniform supply.....	81233	106.0	105.7	105.3	-	-	129.5	136.6	134.4	-	-	
Other personal services.....	8129	131.6	140.3	139.3	-	-	171.3	193.2	190.0	-	-	
Pet care services, except veterinary.....	81291	382.2	367.5	374.0	-	-	412.2	433.5	439.0	-	-	
Parking lots and garages.....	81293	129.0	139.5	132.9	-	-	196.4	210.9	192.4	-	-	
Membership associations and organizations.....	813	100.3	100.3	99.5	-	-	150.5	155.9	153.4	-	-	
Grantmaking and giving services.....	8132	148.1	153.5	147.7	-	-	262.6	293.1	276.5	-	-	
Grantmaking foundations.....	813211	272.9	267.7	257.3	-	-	468.2	495.6	467.2	-	-	
Social advocacy organizations.....	8133	124.4	129.1	127.3	-	-	208.4	236.4	227.7	-	-	
Human rights organizations.....	813311	114.3	114.4	110.8	-	-	180.5	209.4	197.8	-	-	
Environment, conservation, and other social advocacy organizations.....	813312,9	127.6	133.8	132.4	-	-	218.2	246.0	238.1	-	-	
Civic and social organizations.....	8134	90.2	80.1	80.2	-	-	126.7	120.4	120.4	-	-	
Professional and similar organizations.....	8139	101.2	104.9	102.5	-	-	151.9	167.6	161.1	-	-	
Business associations.....	81391	98.5	99.5	96.2	-	-	157.1	164.2	156.3	-	-	
Professional organizations.....	81392	137.2	153.6	150.6	-	-	212.5	243.2	231.3	-	-	
Labor unions and similar labor organizations.....	81393	82.0	92.4	88.5	-	-	122.2	142.2	135.5	-	-	
Miscellaneous professional and similar organizations.....	81394,9	105.4	100.7	100.0	-	-	156.3	165.8	163.5	-	-	

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

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

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

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

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

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