

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Total private.....		111.2	112.5	113.1	112.8	-0.3	156.8	161.8	163.2	163.1	-0.1
Goods-producing.....		88.8	88.7	89.1	88.2	-1.0	120.0	122.6	123.5	122.5	-0.8
Mining and logging.....		141.9	113.9	115.5	113.6	-1.6	218.9	179.8	181.6	178.4	-1.8
Logging.....	1133	79.6	74.8	75.2	-	-	113.1	110.2	109.5	-	-
Mining.....	21	150.2	119.6	121.3	-	-	230.6	188.4	190.1	-	-
Oil and gas extraction.....	211	174.2	143.4	143.2	-	-	272.5	253.9	251.7	-	-
Mining, except oil and gas.....	212	94.6	85.2	84.3	-	-	135.9	121.2	120.6	-	-
Coal mining.....	2121	83.5	68.4	68.1	-	-	124.2	97.2	98.6	-	-
Stone mining and quarrying.....	21231	83.4	83.7	81.8	-	-	110.1	115.8	113.0	-	-
Crushed and broken limestone mining.....	212312	76.5	79.7	78.0	-	-	110.1	114.1	111.5	-	-
Other stone mining and quarrying.....	212311,3,9	91.6	89.1	85.9	-	-	109.1	118.3	113.7	-	-
Support activities for mining.....	213	204.3	148.9	154.0	-	-	340.6	245.8	252.5	-	-
Support activities for oil and gas operations.....	213112	224.6	164.2	169.2	-	-	413.6	298.8	303.4	-	-
Construction.....	23	96.2	99.6	99.9	98.4	-1.5	131.4	139.9	140.6	138.9	-1.2
Construction of buildings.....	236	86.0	90.3	90.8	-	-	119.8	130.0	132.3	-	-
Residential building.....	2361	81.1	86.4	86.9	-	-	110.5	122.0	123.3	-	-
New single-family general contractors.....	236115	63.0	67.2	66.9	-	-	88.7	95.9	95.9	-	-
Residential remodelers.....	236118	116.0	123.2	124.6	-	-	148.3	167.8	171.4	-	-
Nonresidential building.....	2362	90.7	93.9	94.3	-	-	127.8	136.7	139.0	-	-
Industrial building.....	23621	82.0	80.2	83.8	-	-	119.7	120.7	125.8	-	-
Commercial building.....	23622	94.0	99.1	98.3	-	-	130.7	142.4	144.2	-	-
Heavy and civil engineering construction.....	237	100.7	99.3	98.9	-	-	149.2	151.2	151.4	-	-
Utility system construction.....	2371	127.1	120.6	118.9	-	-	198.6	195.2	193.0	-	-
Water and sewer system construction.....	23711	88.6	90.1	90.8	-	-	122.1	126.4	128.5	-	-
Oil and gas pipeline construction.....	23712	185.9	158.3	156.3	-	-	323.7	298.9	290.3	-	-
Power and communication system construction.....	23713	137.2	135.2	132.8	-	-	223.2	221.0	220.3	-	-
Land subdivision.....	2372	21.6	21.2	20.7	-	-	36.8	40.9	40.8	-	-
Highway, street, and bridge construction.....	2373	89.3	94.9	95.2	-	-	121.0	131.9	133.9	-	-
Other heavy construction.....	2379	89.6	85.7	84.4	-	-	128.0	125.2	123.7	-	-
Specialty trade contractors.....	238	97.8	102.1	102.2	-	-	129.1	139.6	139.5	-	-
Building foundation and exterior contractors.....	2381	88.7	95.0	94.9	-	-	116.4	127.9	126.3	-	-
Poured concrete structure contractors.....	23811	97.5	108.0	111.9	-	-	137.3	157.9	161.1	-	-
Steel and precast concrete contractors.....	23812	87.7	95.1	92.7	-	-	127.0	126.3	123.9	-	-
Framing contractors.....	23813	63.2	62.5	61.6	-	-	73.9	74.0	75.2	-	-
Masonry contractors.....	23814	67.4	71.4	71.3	-	-	87.4	91.3	88.8	-	-
Glass and glazing contractors.....	23815	111.8	124.4	122.6	-	-	138.8	167.0	161.3	-	-
Roofing contractors.....	23816	101.8	113.7	114.8	-	-	130.3	155.3	157.4	-	-
Siding contractors.....	23817	113.4	107.2	102.3	-	-	173.5	187.8	170.7	-	-
Other building exterior contractors.....	23819	137.4	137.9	144.4	-	-	174.9	180.7	179.0	-	-
Building equipment contractors.....	2382	103.4	111.9	111.7	-	-	136.1	152.3	151.6	-	-
Electrical contractors.....	23821	91.9	101.6	101.6	-	-	123.6	142.4	141.4	-	-
Plumbing and HVAC contractors.....	23822	112.9	119.9	120.2	-	-	147.7	159.4	159.7	-	-
Other building equipment contractors.....	23829	127.7	133.5	133.7	-	-	155.7	174.1	176.0	-	-
Building finishing contractors.....	2383	85.1	85.9	87.5	-	-	112.8	116.2	119.5	-	-
Drywall and insulation contractors.....	23831	74.7	71.8	74.0	-	-	101.3	99.6	103.5	-	-
Painting and wall covering contractors.....	23832	85.2	90.8	91.6	-	-	106.6	114.9	116.7	-	-
Flooring contractors.....	23833	82.9	86.3	89.8	-	-	111.5	112.2	122.1	-	-
Tile and terrazzo contractors.....	23834	115.9	110.9	113.0	-	-	157.9	165.9	167.2	-	-
Finish carpentry contractors.....	23835	95.1	97.3	97.3	-	-	131.2	137.7	138.4	-	-
Other building finishing contractors.....	23839	100.3	106.7	105.0	-	-	139.2	158.3	157.9	-	-
Other specialty trade contractors.....	2389	114.0	108.8	107.1	-	-	150.4	148.9	147.9	-	-
Site preparation contractors.....	23891	112.7	109.6	107.7	-	-	144.0	148.8	148.0	-	-
All other specialty trade contractors.....	23899	113.6	106.8	105.3	-	-	153.5	147.7	146.0	-	-
Manufacturing.....		83.2	82.5	83.1	82.6	-0.6	108.9	110.3	111.3	110.9	-0.4

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Durable goods.....		84.5	83.5	84.3	83.7	-0.7	111.2	111.8	113.2	112.7	-0.4
Wood products.....	321	69.7	69.7	69.8	69.2	-0.9	92.1	95.1	95.9	94.7	-1.3
Sawmills and wood preservation.....	3211	73.5	71.8	72.5	-	-	92.9	96.1	97.7	-	-
Plywood and engineered wood products.....	3212	70.2	72.6	72.4	-	-	96.0	102.0	101.8	-	-
Other wood products.....	3219	67.4	67.6	67.7	-	-	89.2	91.8	92.7	-	-
Millwork.....	32191	65.3	64.4	64.7	-	-	85.1	87.1	88.0	-	-
Wood windows and doors.....	321911	60.8	58.8	62.1	-	-	87.4	87.1	92.1	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	68.7	68.7	67.5	-	-	82.5	85.9	84.8	-	-
Wood containers and pallets.....	32192	89.7	88.3	84.6	-	-	127.4	132.9	128.8	-	-
All other wood products.....	32199	56.8	59.4	60.3	-	-	75.4	77.1	79.0	-	-
Nonmetallic mineral products.....	327	74.6	75.3	75.4	74.0	-1.9	96.7	99.0	99.6	97.3	-2.3
Cement and concrete products.....	3273	78.2	82.1	82.6	-	-	106.8	109.7	110.7	-	-
Ready-mix concrete.....	32732	71.7	76.3	77.1	-	-	97.4	101.1	101.8	-	-
Other cement and concrete products.....	32731,3,9	84.3	88.9	89.1	-	-	117.4	121.7	122.9	-	-
Primary metals.....	331	80.4	75.5	76.1	75.4	-0.9	102.1	98.8	99.7	99.1	-0.6
Foundries.....	3315	69.8	63.0	63.9	-	-	86.9	80.2	81.7	-	-
Fabricated metal products.....	332	96.1	93.2	93.9	93.2	-0.7	125.7	124.1	126.3	125.3	-0.8
Forging and stamping.....	3321	92.3	91.0	93.9	-	-	116.3	118.8	126.2	-	-
Architectural and structural metals.....	3323	96.3	94.8	96.5	-	-	126.1	124.8	128.0	-	-
Plate work and fabricated structural products.....	33231	98.7	94.3	95.4	-	-	134.5	129.6	132.9	-	-
Fabricated structural metal products.....	332312	102.4	95.7	100.4	-	-	143.3	132.2	140.0	-	-
Ornamental and architectural metal products.....	33232	94.6	95.7	96.5	-	-	119.5	121.4	123.1	-	-
Sheet metal work.....	332322	113.3	111.5	112.0	-	-	140.6	138.1	140.5	-	-
Boilers, tanks, and shipping containers.....	3324	117.0	100.7	102.0	-	-	147.3	135.6	137.8	-	-
Machine shops and threaded products.....	3327	118.3	113.0	113.9	-	-	150.9	146.0	147.5	-	-
Machine shops.....	33271	126.6	120.5	122.4	-	-	163.0	158.2	161.5	-	-
Turned products and screws, nuts, and bolts.....	33272	98.4	93.6	94.3	-	-	119.6	113.4	114.0	-	-
Coating, engraving, and heat treating metals.....	3328	92.4	90.9	90.3	-	-	123.5	119.0	119.9	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	116.0	110.9	111.0	-	-	151.9	142.8	144.9	-	-
Electroplating, anodizing, and coloring metals.....	332813	72.7	74.4	73.6	-	-	98.5	99.0	99.5	-	-
Other fabricated metal products.....	3329	94.1	93.6	92.7	-	-	125.0	130.1	130.0	-	-
Metal valves.....	33291	87.9	82.6	80.3	-	-	121.6	119.4	116.7	-	-
All other fabricated metal products.....	33299	97.5	99.3	99.0	-	-	126.9	135.7	136.3	-	-
Machinery.....	333	93.3	90.9	91.7	91.4	-0.3	126.2	125.2	126.2	125.9	-0.2
Agricultural, construction, and mining machinery.....	3331	117.5	103.7	103.7	-	-	170.7	145.9	145.8	-	-
Farm machinery and equipment.....	333111	100.4	88.5	87.5	-	-	137.9	123.9	123.4	-	-
Industrial machinery.....	3332	88.0	91.7	92.1	-	-	126.4	128.8	131.7	-	-
Commercial and service industry machinery.....	3333	72.0	75.0	76.3	-	-	111.0	120.1	120.3	-	-
HVAC and commercial refrigeration equipment.....	3334	82.1	84.3	84.5	-	-	109.7	114.5	113.9	-	-
Metalworking machinery.....	3335	89.6	84.5	85.4	-	-	110.3	108.8	110.4	-	-
Special tools, dies, jigs, and fixtures.....	333514	83.9	77.5	77.5	-	-	107.5	102.9	103.1	-	-
Turbine and power transmission equipment.....	3336	81.6	80.5	78.5	-	-	93.4	102.1	99.6	-	-
Other general purpose machinery.....	3339	101.6	102.0	103.4	-	-	141.4	144.5	145.8	-	-
Computer and electronic products.....	334	82.6	81.9	82.4	82.3	-0.1	119.3	123.5	121.7	123.6	1.6
Communications equipment.....	3342	52.9	56.0	58.6	-	-	72.6	71.4	74.0	-	-
Semiconductors and electronic components.....	3344	72.6	71.9	72.4	-	-	99.4	99.4	99.4	-	-
Semiconductors and related devices.....	334413	71.0	71.9	70.1	-	-	119.4	119.5	115.7	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	76.3	70.2	70.5	-	-	97.4	95.9	96.7	-	-
Electronic instruments.....	3345	127.4	124.7	123.9	-	-	209.6	215.6	209.6	-	-
Electrical equipment and appliances.....	335	77.7	79.6	79.0	78.6	-0.5	105.3	109.3	109.1	108.4	-0.6
Electrical equipment.....	3353	91.4	89.1	87.9	-	-	117.5	122.3	122.1	-	-
Other electrical equipment and components.....	3359	86.2	88.1	88.0	-	-	120.5	122.7	122.4	-	-
Transportation equipment.....	336	89.0	89.1	90.8	89.5	-1.4	108.4	107.8	110.7	109.4	-1.2
Motor vehicles and parts ⁴	3361,2,3	79.3	81.0	83.0	81.4	-1.9	81.2	82.2	86.4	84.3	-2.4
Motor vehicles.....	3361	75.9	78.4	79.5	-	-	76.4	82.7	85.9	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Motor vehicle bodies and trailers.....	3362	106.7	106.1	105.1	—	—	121.6	117.8	117.1	—	—
Motor vehicle parts.....	3363	75.8	77.2	80.0	—	—	78.0	76.9	82.1	—	—
Motor vehicle gasoline engine and parts.....	33631	72.9	69.2	75.1	—	—	84.1	75.7	81.8	—	—
Motor vehicle power train components.....	33635	82.1	86.8	90.8	—	—	81.3	84.0	92.7	—	—
Motor vehicle metal stamping.....	33637	82.9	79.5	82.1	—	—	80.8	75.4	81.2	—	—
All other motor vehicle parts.....	33639	84.0	85.4	85.5	—	—	91.4	93.1	94.9	—	—
Aerospace products and parts.....	3364	127.9	128.3	128.2	—	—	212.3	210.9	210.7	—	—
Aircraft.....	336411	121.7	122.7	121.8	—	—	186.0	187.2	186.0	—	—
Furniture and related products.....	337	60.6	61.1	61.0	61.1	0.2	78.0	81.5	81.3	81.9	0.7
Household and institutional furniture.....	3371	57.0	58.6	58.4	—	—	73.9	79.4	78.5	—	—
Wood kitchen cabinets and countertops.....	33711	70.2	72.0	72.2	—	—	89.5	96.4	96.1	—	—
Other household and institutional furniture.....	33712	49.3	50.8	50.5	—	—	63.7	68.2	67.5	—	—
Upholstered household furniture.....	337121	72.7	74.1	74.3	—	—	85.8	92.2	92.7	—	—
Miscellaneous durable goods manufacturing.....	339	85.3	87.0	87.9	87.0	-1.0	117.2	123.6	125.1	125.4	0.2
Medical equipment and supplies.....	3391	107.3	112.5	114.7	—	—	143.5	155.2	159.8	—	—
Surgical appliances and supplies.....	339113	115.5	107.2	109.8	—	—	152.8	142.6	143.6	—	—
Dental laboratories.....	339116	81.8	78.8	77.6	—	—	116.1	111.6	107.4	—	—
Other miscellaneous durable goods manufacturing... ..	3399	69.2	68.5	68.6	—	—	95.9	98.1	97.3	—	—
Signs.....	33995	94.9	90.0	91.8	—	—	121.5	121.0	122.0	—	—
All other miscellaneous durable goods manufacturing.....	33993,4,9	68.1	69.7	69.0	—	—	98.2	101.6	99.8	—	—
Nondurable goods.....		81.1	81.0	81.1	81.1	0.0	104.7	107.4	107.8	108.1	0.3
Food manufacturing.....	311	102.0	104.8	104.5	105.4	0.9	129.8	137.5	137.4	139.0	1.2
Sugar and confectionery products.....	3113	84.6	79.7	79.3	—	—	93.5	91.9	88.2	—	—
Fruit and vegetable preserving and specialty.....	3114	87.3	93.0	96.3	—	—	113.2	122.3	125.4	—	—
Frozen food.....	31141	83.6	93.3	93.2	—	—	113.5	128.2	126.7	—	—
Fruit and vegetable canning and drying.....	31142	93.0	92.0	95.4	—	—	114.8	117.0	119.6	—	—
Dairy products.....	3115	108.8	111.9	112.7	—	—	148.4	156.9	156.6	—	—
Animal slaughtering and processing.....	3116	99.2	101.1	100.2	—	—	128.4	133.5	132.8	—	—
Poultry processing.....	311615	97.6	99.0	99.6	—	—	124.2	129.6	130.4	—	—
Seafood product preparation and packaging.....	3117	89.3	114.1	110.9	—	—	126.8	166.4	160.1	—	—
Bakeries and tortilla manufacturing.....	3118	103.4	104.6	102.1	—	—	129.9	137.4	134.5	—	—
Textile mills.....	313	38.1	36.7	37.4	36.5	-2.4	48.0	50.1	50.8	49.3	-3.0
Textile product mills.....	314	52.0	52.9	53.9	52.7	-2.2	63.9	66.1	67.8	66.4	-2.1
Apparel.....	315	38.3	34.2	34.1	34.0	-0.3	57.4	51.6	50.4	49.7	-1.4
Paper and paper products.....	322	67.0	66.4	67.1	66.9	-0.3	86.4	85.6	86.0	86.3	0.3
Pulp, paper, and paperboard mills.....	3221	64.5	61.8	61.3	—	—	81.4	78.2	77.7	—	—
Converted paper products.....	3222	68.3	68.3	70.0	—	—	89.8	90.4	91.8	—	—
Paperboard containers.....	32221	69.4	68.9	70.6	—	—	90.1	89.9	91.3	—	—
Corrugated and solid fiber boxes.....	322211	68.1	68.0	69.5	—	—	83.3	86.9	88.6	—	—
Paper bags and coated and treated paper.....	32222	71.2	70.0	69.3	—	—	91.3	93.0	91.6	—	—
Printing and related support activities.....	323	65.3	63.6	63.1	62.4	-1.1	80.4	79.4	79.3	78.5	-1.0
Petroleum and coal products.....	324	103.1	103.3	103.2	102.3	-0.9	168.8	174.5	175.5	175.4	-0.1
Chemicals.....	325	95.6	96.7	97.2	96.7	-0.5	116.2	122.5	124.4	124.2	-0.2
Basic chemicals.....	3251	90.3	89.2	88.3	—	—	110.1	115.9	114.2	—	—
Resin, rubber, and artificial fibers.....	3252	86.5	81.3	82.2	—	—	111.1	112.7	115.0	—	—
Pharmaceuticals and medicines.....	3254	123.5	128.3	129.1	—	—	158.9	161.4	163.4	—	—
Soaps, cleaning compounds, and toiletries.....	3256	90.2	90.4	89.9	—	—	106.7	104.7	107.4	—	—
Plastics and rubber products.....	326	84.3	82.9	82.9	82.7	-0.2	105.3	104.8	105.1	104.5	-0.6
Plastics products.....	3261	86.8	84.8	86.0	—	—	114.1	112.5	114.3	—	—
Plastics packaging materials, film, and sheet.....	32611	103.9	102.7	104.7	—	—	126.4	125.9	126.5	—	—
Foam products.....	32614,5	105.8	108.0	110.9	—	—	128.9	136.4	141.5	—	—
Other plastics products.....	32619	79.6	76.7	76.7	—	—	108.6	105.9	106.6	—	—
Rubber products.....	3262	75.9	75.8	73.0	—	—	81.4	83.3	80.1	—	—
Miscellaneous nondurable goods manufacturing.....	312,6	98.6	94.4	94.6	94.5	-0.1	116.8	116.9	116.4	116.9	0.4
Private service-providing.....		117.2	119.2	119.5	119.2	-0.3	168.0	174.1	175.3	175.2	-0.1

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Trade, transportation, and utilities.....		106.3	107.1	107.6	107.3	-0.3	142.1	145.0	146.0	145.7	-0.2
Wholesale trade.....	42	106.9	107.7	108.0	107.8	-0.2	149.3	153.4	154.4	153.9	-0.3
Durable goods.....	423	100.1	100.2	100.6	-	-	132.6	137.2	138.3	-	-
Motor vehicles and parts.....	4231	100.0	100.1	100.5	-	-	135.3	130.6	130.8	-	-
Motor vehicles.....	42311	99.1	98.7	97.9	-	-	131.1	128.3	128.2	-	-
New motor vehicle parts.....	42312	94.7	95.3	96.8	-	-	130.0	127.2	128.2	-	-
Furniture and furnishings.....	4232	92.9	89.8	88.5	-	-	110.0	110.4	109.6	-	-
Lumber and construction supplies.....	4233	93.5	99.0	100.7	-	-	129.1	140.6	141.1	-	-
Lumber and wood.....	42331	83.7	88.2	88.8	-	-	115.8	127.9	127.4	-	-
Masonry materials.....	42332	99.8	101.7	102.7	-	-	123.5	136.8	136.1	-	-
Roofing, siding, and other construction materials.....	42333,9	113.2	123.2	130.3	-	-	171.7	176.0	183.3	-	-
Commercial equipment.....	4234	92.4	94.1	94.0	-	-	115.3	127.5	129.0	-	-
Office equipment.....	42342	72.1	71.9	70.8	-	-	93.2	102.4	103.4	-	-
Computer and software.....	42343	78.3	83.2	83.4	-	-	93.9	109.5	111.1	-	-
Medical equipment.....	42345	129.4	124.9	124.1	-	-	177.6	175.9	179.8	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	102.3	106.5	106.9	-	-	140.7	155.9	157.3	-	-
Metals and minerals.....	4235	102.9	98.9	99.3	-	-	138.7	139.1	138.0	-	-
Electric goods.....	4236	94.2	94.8	95.2	-	-	126.7	131.1	131.9	-	-
Electrical equipment and wiring.....	42361	107.2	105.9	106.9	-	-	144.7	148.2	147.1	-	-
Electric appliances and other electronic parts.....	42362,9	83.3	85.1	85.2	-	-	111.1	117.1	118.1	-	-
Hardware and plumbing.....	4237	107.4	108.5	108.7	-	-	148.5	156.9	158.0	-	-
Hardware.....	42371	107.9	110.3	110.3	-	-	158.9	169.2	169.1	-	-
Plumbing equipment.....	42372	110.5	112.9	114.4	-	-	162.8	170.7	173.3	-	-
HVAC and refrigeration equipment.....	42373,4	102.4	101.6	101.7	-	-	124.9	133.1	135.1	-	-
Machinery and supplies.....	4238	106.3	105.1	105.3	-	-	144.6	146.7	147.6	-	-
Construction equipment.....	42381	109.5	107.2	109.0	-	-	138.1	138.9	141.7	-	-
Farm and garden equipment.....	42382	105.4	106.7	105.6	-	-	158.1	171.6	172.0	-	-
Industrial machinery.....	42383	105.1	102.6	102.5	-	-	145.5	146.1	146.3	-	-
Industrial supplies.....	42384	126.3	126.9	128.3	-	-	171.8	176.4	178.2	-	-
Miscellaneous durable goods.....	4239	115.1	110.6	110.3	-	-	165.3	157.8	157.4	-	-
Sporting goods.....	42391	100.4	96.7	96.5	-	-	133.0	133.1	132.1	-	-
Recyclable materials.....	42393	117.6	112.9	111.9	-	-	148.0	145.9	146.8	-	-
Nondurable goods.....	424	104.5	106.9	106.4	-	-	143.8	148.2	147.5	-	-
Paper and paper products.....	4241	82.9	83.5	82.9	-	-	123.4	120.5	120.2	-	-
Druggists' goods.....	4242	89.5	87.5	86.4	-	-	129.7	128.8	129.2	-	-
Apparel and piece goods.....	4243	106.7	107.4	106.2	-	-	150.9	142.7	142.4	-	-
Grocery and related products.....	4244	111.3	113.9	114.4	-	-	148.9	156.8	155.8	-	-
General line grocery.....	42441	108.1	112.5	112.8	-	-	144.7	156.5	153.2	-	-
Fruits and vegetables.....	42448	140.8	139.8	141.8	-	-	183.2	190.2	194.2	-	-
Farm product raw materials.....	4245	103.3	110.1	110.5	-	-	152.5	167.6	167.5	-	-
Chemicals.....	4246	104.8	103.7	101.1	-	-	131.8	140.1	134.4	-	-
Petroleum.....	4247	104.4	102.4	103.1	-	-	159.3	162.0	161.8	-	-
Alcoholic beverages.....	4248	144.8	148.0	148.8	-	-	188.5	191.9	191.8	-	-
Misc. nondurable goods.....	4249	93.9	99.0	97.6	-	-	128.2	135.3	135.1	-	-
Farm supplies.....	42491	106.7	109.7	106.7	-	-	144.7	147.2	145.6	-	-
Nursery stock and florists' supplies.....	42493	72.2	79.3	77.5	-	-	109.4	111.2	109.5	-	-
Electronic markets and agents and brokers.....	425	150.3	150.4	150.9	-	-	238.1	240.6	242.2	-	-
Business to business electronic markets.....	42511	45.8	46.1	47.1	-	-	65.0	65.2	67.9	-	-
Wholesale trade agents and brokers.....	42512	166.2	165.4	166.3	-	-	258.2	259.4	261.7	-	-
Retail trade.....		101.1	102.0	102.1	101.8	-0.3	129.2	130.9	131.5	130.8	-0.5
Motor vehicle and parts dealers.....	441	111.5	113.0	112.8	-	-	133.4	135.2	136.3	-	-
Automobile dealers.....	4411	110.5	112.1	112.3	-	-	126.4	128.3	129.7	-	-
New car dealers.....	44111	105.9	107.2	107.1	-	-	121.0	121.7	123.1	-	-
Used car dealers.....	44112	166.8	176.5	176.3	-	-	214.6	245.4	241.0	-	-
Other motor vehicle dealers.....	4412	108.5	110.1	111.1	-	-	146.9	149.8	150.5	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Auto parts, accessories, and tire stores.....	4413	114.5	114.9	114.7	—	—	155.9	154.5	156.4	—	—
Automotive parts and accessories stores.....	44131	113.1	113.4	113.0	—	—	163.2	159.8	161.9	—	—
Tire dealers.....	44132	116.4	117.7	117.0	—	—	141.8	144.7	145.3	—	—
Furniture and home furnishings stores.....	442	88.9	94.3	92.9	—	—	115.3	125.9	125.5	—	—
Furniture stores.....	4421	88.3	92.4	91.1	—	—	113.4	121.6	121.9	—	—
Home furnishings stores.....	4422	90.0	96.7	95.4	—	—	118.5	132.1	131.0	—	—
Floor covering stores.....	44221	69.2	72.1	72.6	—	—	94.7	101.2	102.9	—	—
Other home furnishings stores.....	44229	107.0	117.5	113.7	—	—	146.2	168.5	162.8	—	—
Electronics and appliance stores.....	443	108.5	107.6	105.9	—	—	154.6	157.3	153.0	—	—
Household appliance stores.....	443141	68.5	63.5	63.5	—	—	85.9	83.7	83.7	—	—
Electronics stores.....	443142	116.6	115.8	113.8	—	—	165.4	168.5	163.5	—	—
Building material and garden supply stores.....	444	95.7	98.9	99.0	—	—	119.1	124.9	125.8	—	—
Building material and supplies dealers.....	4441	94.5	97.2	97.2	—	—	116.9	122.1	122.6	—	—
Home centers.....	44411	104.6	106.9	106.1	—	—	122.2	129.1	128.4	—	—
Hardware stores.....	44413	82.9	87.2	88.8	—	—	106.4	118.7	120.3	—	—
Lawn and garden equipment and supplies stores.....	4442	104.3	110.4	110.3	—	—	136.0	146.0	149.3	—	—
Food and beverage stores.....	445	93.3	92.2	92.9	—	—	112.3	110.5	110.9	—	—
Grocery stores.....	4451	94.8	93.4	94.4	—	—	115.3	113.0	113.8	—	—
Supermarkets and other grocery stores.....	44511	93.9	92.5	93.2	—	—	114.4	111.8	112.2	—	—
Convenience stores.....	44512	114.0	113.1	115.2	—	—	144.3	148.7	150.0	—	—
Specialty food stores.....	4452	77.6	77.0	76.3	—	—	87.6	86.7	85.3	—	—
Meat markets and fish and seafood markets.....	44521,2	94.4	90.9	90.2	—	—	114.6	114.1	111.8	—	—
Beer, wine, and liquor stores.....	4453	96.6	98.6	99.3	—	—	104.8	109.2	108.4	—	—
Health and personal care stores.....	446	100.7	101.8	103.0	—	—	139.2	141.4	143.3	—	—
Pharmacies and drug stores.....	44611	96.1	96.2	97.5	—	—	136.7	140.4	142.5	—	—
Cosmetic and beauty supply stores.....	44612	123.2	120.6	122.0	—	—	141.1	138.5	140.8	—	—
Optical goods stores.....	44613	123.0	134.1	134.4	—	—	185.6	187.2	188.3	—	—
Other health and personal care stores.....	44619	98.5	102.1	102.9	—	—	131.1	125.3	127.9	—	—
Gasoline stations.....	447	100.9	101.5	102.6	—	—	129.3	134.6	135.3	—	—
Gasoline stations with convenience stores.....	44711	105.3	106.0	107.0	—	—	136.5	141.9	141.9	—	—
Other gasoline stations.....	44719	78.9	77.7	78.3	—	—	104.9	102.4	103.7	—	—
Clothing and clothing accessories stores.....	448	91.5	92.7	92.0	—	—	114.6	120.4	120.1	—	—
Clothing stores.....	4481	91.1	91.1	90.2	—	—	109.7	114.6	113.7	—	—
Women's clothing stores.....	44812	123.1	117.6	116.9	—	—	152.3	159.3	156.5	—	—
Family clothing stores.....	44814	76.1	77.4	76.5	—	—	86.3	92.4	92.0	—	—
Clothing accessories stores.....	44815	136.4	127.0	125.4	—	—	182.4	168.5	169.2	—	—
Shoe stores.....	4482	114.2	118.4	117.7	—	—	178.6	188.6	188.8	—	—
Jewelry, luggage, and leather goods stores.....	4483	76.2	79.6	79.9	—	—	96.8	101.7	102.8	—	—
Sporting goods, hobby, book, and music stores.....	451	100.8	108.1	104.4	—	—	137.0	148.4	145.4	—	—
Sporting goods and musical instrument stores.....	4511	115.5	124.7	121.0	—	—	154.3	166.6	163.5	—	—
Sporting goods stores.....	45111	141.7	153.9	148.0	—	—	185.7	199.8	195.5	—	—
Hobby, toy, and game stores.....	45112	92.8	99.2	101.8	—	—	111.9	128.0	129.5	—	—
Book stores and news dealers.....	4512	54.3	52.9	52.4	—	—	74.4	79.4	79.3	—	—
General merchandise stores.....	452	111.4	111.9	111.6	—	—	136.9	137.9	137.9	—	—
Miscellaneous store retailers.....	453	86.0	85.1	86.5	—	—	110.1	110.1	111.4	—	—
Florists.....	4531	48.0	47.5	47.4	—	—	59.0	59.1	59.8	—	—
Office supplies, stationery, and gift stores.....	4532	61.4	56.0	56.8	—	—	84.0	74.0	74.0	—	—
Office supplies and stationery stores.....	45321	65.6	56.8	57.1	—	—	89.8	74.4	71.7	—	—
Gift, novelty, and souvenir stores.....	45322	57.4	55.4	56.1	—	—	75.2	74.1	76.0	—	—
Used merchandise stores.....	4533	188.2	190.1	194.5	—	—	255.3	268.2	282.6	—	—
Other miscellaneous store retailers.....	4539	103.2	107.0	108.2	—	—	129.4	139.3	139.5	—	—
Pet and pet supplies stores.....	45391	152.7	156.8	163.7	—	—	222.4	236.3	243.7	—	—
Nonstore retailers.....	454	119.0	120.5	120.5	—	—	190.4	185.4	186.2	—	—
Electronic shopping and mail-order houses.....	4541	153.6	154.1	154.1	—	—	249.3	236.1	235.7	—	—
Electronic shopping and electronic auctions.....	454111,2	399.6	401.1	402.9	—	—	742.8	669.7	666.2	—	—
Mail-order houses.....	454113	79.3	79.6	78.8	—	—	93.5	101.1	100.5	—	—

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Transportation and warehousing.....		123.2	123.7	123.7	123.6	-0.1	162.2	165.5	165.5	166.2	0.4
Air transportation.....	481	72.5	71.2	71.6	-	-	145.4	149.1	149.0	-	-
Truck transportation.....	484	119.9	117.7	117.4	-	-	157.0	159.5	158.9	-	-
General freight trucking.....	4841	114.3	113.7	113.2	-	-	147.2	152.2	151.9	-	-
General freight trucking, local.....	48411	113.9	108.2	109.3	-	-	146.7	150.1	151.6	-	-
General freight trucking, long-distance.....	48412	114.7	115.4	115.1	-	-	147.5	152.8	152.8	-	-
General freight trucking, long-distance TL.....	484121	108.8	111.2	110.1	-	-	144.3	149.8	149.6	-	-
General freight trucking, long-distance LTL.....	484122	129.3	125.8	126.3	-	-	155.6	159.1	159.4	-	-
Specialized freight trucking.....	4842	134.6	128.3	127.9	-	-	186.2	180.3	179.5	-	-
Used household and office goods moving.....	48421	92.8	86.5	86.5	-	-	119.2	113.6	114.8	-	-
Other specialized trucking, local.....	48422	144.5	136.9	136.7	-	-	205.9	195.9	194.4	-	-
Other specialized trucking, long-distance.....	48423	150.3	149.7	148.4	-	-	198.8	201.5	199.5	-	-
Transit and ground passenger transportation.....	485	131.7	129.6	129.6	-	-	167.2	171.0	171.4	-	-
School and employee bus transportation.....	4854	113.3	121.5	117.0	-	-	158.6	168.9	159.8	-	-
Other ground passenger transportation.....	4859	194.3	183.3	186.8	-	-	225.1	219.3	226.1	-	-
Pipeline transportation.....	486	141.1	131.7	131.1	-	-	256.8	243.6	240.2	-	-
Support activities for transportation.....	488	124.3	120.5	120.3	-	-	162.1	156.1	154.6	-	-
Support activities for air transportation.....	4881	134.6	137.9	136.9	-	-	163.1	165.8	163.8	-	-
Airport operations.....	48811	132.3	134.9	134.9	-	-	120.4	125.6	125.4	-	-
Support activities for water transportation.....	4883	93.6	87.7	86.6	-	-	152.3	134.9	127.7	-	-
Support activities for road transportation.....	4884	132.9	124.2	124.5	-	-	136.2	130.6	130.2	-	-
Freight transportation arrangement.....	4885	129.9	126.8	127.9	-	-	177.8	178.2	179.8	-	-
Support activities for other transportation, including rail.....	4882,9	127.9	110.5	110.8	-	-	182.4	164.2	163.1	-	-
Couriers and messengers.....	492	144.5	152.6	153.3	-	-	169.5	182.3	186.4	-	-
Warehousing and storage.....	493	172.4	188.0	188.7	-	-	179.8	200.8	201.0	-	-
General warehousing and storage.....	49311	180.6	197.8	198.9	-	-	185.9	209.2	210.0	-	-
Utilities.....	22	97.6	98.2	99.0	98.5	-0.5	138.9	146.0	146.4	145.8	-0.4
Power generation and supply.....	2211	96.9	97.3	98.1	-	-	139.7	148.6	148.8	-	-
Electric power generation.....	22111	61.5	62.0	62.6	-	-	91.6	96.1	96.9	-	-
Fossil fuel electric power generation.....	221112	68.3	69.3	69.7	-	-	102.9	109.0	109.8	-	-
Electric power transmission and distribution.....	22112	152.1	153.5	154.1	-	-	223.9	241.0	240.6	-	-
Natural gas distribution.....	2212	95.9	94.5	94.5	-	-	132.3	135.2	134.0	-	-
Water, sewage and other systems.....	2213	109.6	116.9	121.3	-	-	150.5	154.4	158.4	-	-
Information.....	51	91.0	91.1	91.1	91.4	0.3	131.0	135.7	137.5	138.5	0.7
Publishing industries, except Internet.....	511	101.3	99.0	99.8	-	-	162.0	158.6	164.8	-	-
Newspaper, book, and directory publishers.....	5111	85.9	81.1	80.6	-	-	133.7	122.0	120.8	-	-
Newspaper publishers.....	51111	81.6	75.7	74.7	-	-	106.2	99.4	98.2	-	-
Periodical publishers.....	51112	104.9	97.6	97.3	-	-	177.6	157.5	156.4	-	-
Software publishers.....	5112	124.8	129.0	131.3	-	-	183.6	190.3	202.5	-	-
Motion picture and sound recording industries.....	512	81.2	85.7	84.0	-	-	87.8	93.8	92.2	-	-
Broadcasting, except Internet.....	515	85.9	86.9	86.3	-	-	133.6	132.8	132.5	-	-
Radio broadcasting.....	51511	90.4	90.5	91.0	-	-	152.9	147.1	147.0	-	-
Telecommunications.....	517	73.8	73.6	73.4	-	-	96.8	105.1	105.5	-	-
Wired telecommunications carriers.....	5171	83.6	84.2	84.3	-	-	107.1	116.5	117.1	-	-
Telecommunications resellers.....	517911	33.9	31.0	30.7	-	-	40.3	36.4	36.0	-	-
Data processing, hosting and related services.....	518	110.2	110.9	110.8	-	-	173.1	183.7	182.8	-	-
Other information services.....	519	215.2	225.5	223.7	-	-	312.0	336.9	344.1	-	-
Financial activities.....		110.0	111.8	112.2	112.4	0.2	171.8	179.7	180.7	181.7	0.6
Credit intermediation and related activities.....	522	101.5	104.4	104.6	-	-	153.9	162.4	162.6	-	-
Depository credit intermediation.....	5221	99.0	101.7	102.0	-	-	153.9	161.6	161.9	-	-
Commercial banking.....	52211	101.3	104.3	104.5	-	-	161.5	168.9	169.7	-	-
Savings institutions.....	52212	62.8	63.1	63.4	-	-	91.3	95.6	95.3	-	-
Credit unions and other depository credit intermediation.....	52213,9	122.1	128.1	129.6	-	-	179.6	194.3	195.9	-	-
Nondepository credit intermediation.....	5222	95.1	96.1	96.8	-	-	138.5	144.1	144.7	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Consumer lending.....	522291	115.1	115.6	115.4	-	-	139.3	140.0	139.2	-	-
Real estate credit.....	522292	86.9	89.2	90.2	-	-	119.7	128.3	127.7	-	-
Activities related to credit intermediation.....	5223	136.1	144.9	145.7	-	-	200.8	222.3	225.1	-	-
Financial transaction processing and clearing.....	52232	206.9	220.7	220.1	-	-	421.8	421.1	426.8	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	130.4	129.5	130.4	-	-	233.4	239.2	241.9	-	-
Securities brokerage.....	52312	106.2	106.4	106.3	-	-	172.8	177.5	181.0	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	105.2	103.6	103.2	-	-	196.2	200.7	202.1	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	172.8	173.4	175.4	-	-	293.4	302.4	304.6	-	-
Portfolio management.....	52392	162.0	157.9	158.0	-	-	273.9	288.8	286.7	-	-
Investment advice.....	52393	218.8	224.8	230.4	-	-	380.6	373.5	381.2	-	-
Insurance carriers and related activities.....	524	115.3	117.1	118.7	-	-	169.0	176.4	178.6	-	-
Insurance carriers.....	5241	104.8	107.0	108.1	-	-	156.3	165.0	166.2	-	-
Direct life and health insurance carriers.....	52411	115.5	116.5	117.1	-	-	177.8	185.6	186.8	-	-
Direct insurers, except life and health.....	52412	94.4	97.2	98.9	-	-	133.8	143.1	145.3	-	-
Reinsurance carriers.....	52413	87.4	90.5	93.9	-	-	224.7	214.1	220.9	-	-
Insurance agencies, brokerages, and related services.....	5242	136.0	137.6	138.3	-	-	196.2	202.5	203.8	-	-
Insurance agencies and brokerages.....	52421	133.5	136.0	137.3	-	-	193.7	198.5	200.8	-	-
Other insurance-related activities.....	52429	141.7	142.8	142.3	-	-	201.2	213.1	211.9	-	-
Third-party administration of insurance funds.....	524292	136.2	136.1	135.0	-	-	188.9	200.2	201.3	-	-
Real estate.....	531	114.8	116.1	116.8	-	-	178.8	187.3	189.2	-	-
Lessors of real estate.....	5311	92.6	91.2	92.1	-	-	141.8	143.8	145.3	-	-
Lessors of residential buildings.....	53111	89.0	88.8	89.5	-	-	131.9	134.8	135.4	-	-
Lessors of nonresidential buildings.....	53112	90.4	87.9	88.9	-	-	155.5	159.0	162.2	-	-
Offices of real estate agents and brokers.....	5312	100.6	102.8	103.8	-	-	164.2	176.2	178.6	-	-
Activities related to real estate.....	5313	156.1	158.8	159.6	-	-	233.1	245.2	247.5	-	-
Real estate property managers.....	53131	156.1	158.3	159.5	-	-	232.9	243.5	247.5	-	-
Residential property managers.....	531311	163.9	167.6	167.6	-	-	240.6	254.7	256.6	-	-
Nonresidential property managers.....	531312	139.4	135.9	140.6	-	-	220.9	222.9	230.2	-	-
Rental and leasing services.....	532	92.7	92.6	92.1	-	-	134.4	140.4	140.8	-	-
Home health equipment rental.....	532291	130.6	123.7	124.6	-	-	144.1	128.1	130.9	-	-
General rental centers.....	5323	68.2	73.7	71.9	-	-	69.7	76.3	72.0	-	-
Machinery and equipment rental and leasing.....	5324	127.2	127.7	128.8	-	-	197.2	206.5	210.9	-	-
Heavy machinery rental and leasing.....	53241	120.6	114.4	111.7	-	-	192.2	197.0	196.1	-	-
Office equipment and other machinery rental and leasing.....	53242,9	136.7	147.2	155.1	-	-	205.0	220.3	233.2	-	-
Professional and business services.....		128.8	130.9	131.9	131.4	-0.4	190.7	198.1	200.2	200.1	0.0
Professional and technical services.....	54	138.2	141.5	142.6	-	-	207.4	216.6	219.1	-	-
Legal services.....	5411	101.2	100.9	102.2	-	-	148.3	152.8	156.0	-	-
Offices of lawyers.....	54111	99.7	99.6	100.9	-	-	147.2	151.8	155.2	-	-
Other legal services.....	54119	119.2	119.6	123.4	-	-	167.9	173.2	179.2	-	-
Title abstract and settlement offices.....	541191	99.6	105.1	105.8	-	-	121.9	137.7	138.8	-	-
Accounting and bookkeeping services.....	5412	120.5	122.5	123.4	-	-	184.1	186.4	188.0	-	-
Offices of certified public accountants.....	541211	125.3	125.6	125.8	-	-	184.7	182.0	182.3	-	-
Payroll services.....	541214	134.4	150.3	151.9	-	-	226.6	239.4	240.7	-	-
Architectural and engineering services.....	5413	115.1	117.0	117.1	-	-	171.6	177.3	177.6	-	-
Architectural services.....	54131	102.6	103.5	102.3	-	-	147.5	152.0	151.6	-	-
Landscape architectural services.....	54132	83.4	89.0	92.5	-	-	137.1	147.8	154.5	-	-
Engineering and drafting services.....	54133,4	121.8	123.1	124.3	-	-	181.5	185.2	186.8	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	99.6	95.0	95.0	-	-	139.3	152.7	152.0	-	-
Testing laboratories.....	54138	109.4	119.8	114.0	-	-	159.2	174.1	166.2	-	-
Specialized design services.....	5414	119.4	124.5	127.9	-	-	196.9	201.4	207.6	-	-
Graphic design services.....	54143	99.4	102.9	102.0	-	-	177.5	179.0	180.3	-	-
Computer systems design and related services.....	5415	173.5	179.0	180.3	-	-	243.1	254.8	258.4	-	-
Custom computer programming services.....	541511	166.2	170.6	172.1	-	-	232.8	240.7	245.3	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Computer systems design services.....	541512	208.6	215.8	219.0	-	-	280.4	292.1	297.8	-	-
Management and technical consulting services.....	5416	217.2	223.2	226.3	-	-	306.8	323.0	329.2	-	-
Management consulting services.....	54161	204.4	213.7	216.4	-	-	283.2	304.7	310.4	-	-
Administrative management consulting services.....	541611	214.4	221.7	225.8	-	-	331.8	352.8	362.7	-	-
Marketing consulting services.....	541613	343.8	356.7	370.1	-	-	444.2	468.1	481.7	-	-
Process and logistics consulting services.....	541614	211.7	223.7	224.7	-	-	227.7	262.4	271.0	-	-
Scientific research and development services.....	5417	134.1	138.4	139.0	-	-	215.6	229.0	230.6	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.1	146.0	146.1	-	-	227.3	242.2	243.5	-	-
Biotechnology research.....	541711	144.0	150.5	150.3	-	-	215.7	241.1	244.2	-	-
Physical, engineering, and life sciences research.....	541712	140.1	144.7	144.9	-	-	230.3	242.9	243.7	-	-
Social science and humanities research.....	54172	82.7	80.7	85.0	-	-	119.2	115.0	121.7	-	-
Advertising and related services.....	5418	124.2	129.8	132.2	-	-	200.3	218.4	220.4	-	-
Advertising agencies.....	54181	143.4	146.2	147.6	-	-	225.3	229.2	228.8	-	-
Public relations agencies.....	54182	132.0	129.4	130.6	-	-	195.3	203.9	204.8	-	-
Advertising material distribution and other advertising services.....	54187,9	140.4	154.0	161.7	-	-	194.9	235.7	244.0	-	-
Other professional and technical services.....	5419	149.9	154.9	156.3	-	-	229.5	244.4	249.1	-	-
Marketing research and public opinion polling.....	54191	96.7	87.5	88.1	-	-	153.8	137.2	139.6	-	-
Photographic services.....	54192	68.1	64.5	62.0	-	-	98.4	93.4	89.7	-	-
Veterinary services.....	54194	160.2	164.3	163.9	-	-	228.6	242.5	243.7	-	-
Miscellaneous professional and technical services.....	54193,9	317.5	360.6	379.0	-	-	509.9	608.5	646.8	-	-
Management of companies and enterprises.....	55	131.7	132.0	132.1	-	-	220.8	222.7	220.1	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	108.0	109.1	107.9	-	-	162.3	172.5	171.5	-	-
Managing offices.....	551114	132.8	133.2	133.3	-	-	224.6	225.9	223.2	-	-
Administrative and waste services.....	56	121.1	122.5	123.3	-	-	160.4	166.5	167.9	-	-
Administrative and support services.....	561	120.8	122.4	122.9	-	-	160.4	167.1	168.1	-	-
Office administrative services.....	5611	177.2	185.0	187.6	-	-	284.2	314.1	322.2	-	-
Facilities support services.....	5612	149.0	146.5	148.6	-	-	161.2	168.5	171.8	-	-
Employment services.....	5613	115.7	114.5	116.1	-	-	148.4	148.4	149.8	-	-
Employment placement agencies and executive search services.....	56131	104.0	104.7	103.8	-	-	176.8	173.2	169.4	-	-
Temporary help services.....	56132	140.1	137.9	139.8	-	-	175.8	174.9	177.1	-	-
Professional employer organizations.....	56133	47.8	48.6	49.7	-	-	59.9	63.6	65.3	-	-
Business support services.....	5614	129.7	132.5	132.4	-	-	173.5	184.6	185.4	-	-
Telephone call centers.....	56142	163.7	167.6	167.1	-	-	229.4	240.4	241.2	-	-
Business service centers.....	56143	92.9	97.3	96.6	-	-	117.9	137.2	131.4	-	-
Collection agencies.....	56144	93.4	93.7	91.7	-	-	129.6	130.7	129.2	-	-
Travel arrangement and reservation services.....	5615	87.8	86.6	85.9	-	-	131.6	137.9	139.4	-	-
Travel agencies.....	56151	74.9	75.7	75.1	-	-	100.2	102.8	102.2	-	-
Investigation and security services.....	5616	120.2	122.5	123.2	-	-	165.3	174.9	176.1	-	-
Security and armored car services.....	56161	118.0	120.1	120.7	-	-	160.1	169.3	169.8	-	-
Security systems services.....	56162	136.1	137.4	136.2	-	-	190.7	198.0	198.7	-	-
Services to buildings and dwellings.....	5617	127.7	130.2	130.2	-	-	169.3	179.3	179.5	-	-
Exterminating and pest control services.....	56171	139.0	149.9	152.7	-	-	204.9	226.4	232.1	-	-
Janitorial services.....	56172	125.4	126.9	127.2	-	-	161.5	172.0	171.2	-	-
Landscaping services.....	56173	131.8	135.5	134.8	-	-	178.7	188.5	187.8	-	-
Carpet and upholstery cleaning services.....	56174	92.1	93.2	89.1	-	-	126.8	126.2	120.4	-	-
Other services to buildings and dwellings.....	56179	128.4	117.2	118.3	-	-	145.4	144.2	146.0	-	-
Other support services.....	5619	97.9	108.0	107.3	-	-	127.9	140.9	142.7	-	-
Packaging and labeling services.....	56191	114.2	131.4	130.5	-	-	168.2	197.4	196.8	-	-
Convention and trade show organizers.....	56192	84.7	87.7	88.1	-	-	98.0	105.6	105.9	-	-
All other support services.....	56199	96.8	105.9	105.3	-	-	136.0	144.1	147.2	-	-
Waste management and remediation services.....	562	125.2	124.9	124.8	-	-	158.3	160.2	161.4	-	-
Waste collection.....	5621	150.1	152.5	152.3	-	-	194.3	205.4	206.4	-	-
Waste treatment and disposal.....	5622	88.7	88.9	89.6	-	-	131.7	130.9	134.9	-	-
Remediation and other waste services.....	5629	139.8	135.9	135.0	-	-	155.6	153.4	150.4	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Education and health services.....		133.0	136.6	136.9	137.1	0.1	194.7	202.1	203.4	204.1	0.3
Health care and social assistance.....	62	135.0	138.2	138.7	—	—	199.2	206.4	208.2	—	—
Health care ⁵	621,2,3	131.6	134.9	135.3	—	—	199.1	206.2	208.0	—	—
Ambulatory health care services.....	621	149.9	155.1	155.0	—	—	225.3	235.7	238.0	—	—
Offices of physicians.....	6211	132.1	133.6	135.1	—	—	228.1	232.0	236.0	—	—
Offices of physicians, except mental health.....	621111	132.2	133.8	135.3	—	—	229.1	233.1	237.1	—	—
Offices of mental health physicians.....	621112	130.3	121.9	121.9	—	—	172.1	170.6	170.8	—	—
Offices of dentists.....	6212	125.1	129.3	127.2	—	—	168.9	178.7	176.6	—	—
Offices of other health practitioners.....	6213	158.8	171.2	168.7	—	—	227.0	245.8	244.1	—	—
Offices of chiropractors.....	62131	131.7	138.6	136.9	—	—	185.8	190.6	189.8	—	—
Offices of optometrists.....	62132	149.3	151.9	146.1	—	—	212.0	215.3	208.7	—	—
Offices of mental health practitioners.....	62133	105.5	114.8	116.2	—	—	131.6	144.3	144.9	—	—
Offices of specialty therapists.....	62134	178.5	194.8	192.1	—	—	253.8	279.2	276.4	—	—
Offices of all other health practitioners.....	62139	198.9	224.2	226.2	—	—	286.9	324.8	331.5	—	—
Outpatient care centers.....	6214	194.2	202.2	203.0	—	—	284.2	299.4	303.6	—	—
Outpatient mental health centers.....	62142	163.7	165.8	166.4	—	—	203.5	211.3	212.6	—	—
Outpatient care centers, except mental health.....	62141,9	209.9	221.7	222.0	—	—	320.3	339.4	343.8	—	—
Freestanding emergency medical centers.....	621493	202.2	207.3	207.0	—	—	321.7	318.2	329.7	—	—
Miscellaneous outpatient care centers.....	621410,98	203.0	212.9	213.9	—	—	305.5	328.4	328.8	—	—
Medical and diagnostic laboratories.....	6215	153.5	149.9	152.4	—	—	211.3	216.3	220.1	—	—
Medical laboratories.....	621511	155.8	153.1	155.2	—	—	211.7	226.5	231.0	—	—
Diagnostic imaging centers.....	621512	147.1	140.6	143.9	—	—	210.7	190.3	192.1	—	—
Home health care services.....	6216	192.5	205.6	203.7	—	—	247.4	276.3	275.5	—	—
Other ambulatory health care services.....	6219	157.3	156.2	155.2	—	—	232.2	233.9	231.6	—	—
Ambulance services.....	62191	155.9	164.3	163.7	—	—	219.5	234.0	232.9	—	—
All other ambulatory health care services.....	62199	160.3	142.5	141.7	—	—	250.2	230.2	229.7	—	—
Hospitals.....	622	123.1	126.6	127.0	—	—	195.5	201.7	203.0	—	—
General medical and surgical hospitals.....	6221	120.1	123.5	124.2	—	—	192.8	198.1	200.1	—	—
Nursing and residential care facilities.....	623	117.5	118.3	118.7	—	—	151.8	156.3	157.3	—	—
Nursing care facilities.....	6231	103.2	103.1	103.3	—	—	135.2	138.9	139.5	—	—
Residential mental health facilities.....	6232	125.9	129.1	129.2	—	—	163.7	170.2	171.2	—	—
Residential intellectual and developmental disability facilities.....	62321	119.4	121.2	120.6	—	—	147.9	153.1	153.1	—	—
Residential mental health and substance abuse facilities.....	62322	139.4	147.1	148.0	—	—	193.5	204.4	206.0	—	—
Community care facilities for the elderly.....	6233	159.6	161.7	163.7	—	—	207.6	213.9	217.5	—	—
Continuing care retirement communities.....	623311	191.6	193.5	195.8	—	—	252.8	260.0	263.9	—	—
Assisted living facilities for the elderly.....	623312	131.9	135.1	136.9	—	—	164.7	171.5	174.3	—	—
Other residential care facilities.....	6239	91.8	94.6	94.7	—	—	118.1	122.6	123.6	—	—
Social assistance.....	624	153.7	157.6	158.9	—	—	200.3	209.8	212.1	—	—
Individual and family services.....	6241	205.9	211.4	212.5	—	—	256.4	272.6	274.4	—	—
Child and youth services.....	62411	123.9	125.9	124.3	—	—	166.2	174.8	174.3	—	—
Services for the elderly and persons with disabilities.....	62412	264.0	269.9	272.1	—	—	335.3	354.6	356.6	—	—
Other individual and family services.....	62419	131.0	136.3	137.6	—	—	181.6	193.7	195.9	—	—
Emergency and other relief services.....	6242	121.9	127.5	125.9	—	—	172.2	182.2	181.0	—	—
Vocational rehabilitation services.....	6243	88.5	88.2	89.9	—	—	119.4	116.6	119.2	—	—
Child day care services.....	6244	120.1	124.4	126.1	—	—	159.3	166.7	169.9	—	—
Leisure and hospitality.....		122.5	124.7	125.1	124.8	-0.2	173.2	181.8	183.4	183.0	-0.2
Arts, entertainment, and recreation.....	71	114.1	115.0	116.6	—	—	153.9	161.8	163.6	—	—
Performing arts and spectator sports.....	711	122.9	124.2	125.4	—	—	168.2	188.2	187.6	—	—
Performing arts companies.....	7111	104.4	100.8	103.6	—	—	174.9	195.3	195.1	—	—
Spectator sports.....	7112	109.7	107.7	108.3	—	—	131.9	145.5	149.0	—	—
Arts and sports promoters and agents and managers for public figures.....	7113,4	170.1	192.1	191.4	—	—	207.2	257.6	252.2	—	—
Independent artists, writers, and performers.....	7115	131.9	122.0	126.7	—	—	209.4	193.1	194.6	—	—
Museums, historical sites, and similar institutions.....	712	121.6	128.4	129.2	—	—	163.3	176.3	178.1	—	—

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P	Aug. 2015	June 2016	July 2016 ^P	Aug. 2016 ^P	Percent change from: July 2016 - Aug. 2016 ^P
Museums.....	71211	112.8	117.9	119.7	-	-	147.5	162.7	166.6	-	-
Historical sites and other similar institutions.....	71212,3,9	136.2	144.7	144.4	-	-	200.5	207.9	206.2	-	-
Amusements, gambling, and recreation.....	713	110.4	109.8	111.9	-	-	145.7	147.3	150.0	-	-
Gambling industries.....	7132	95.4	97.1	97.4	-	-	140.6	149.2	149.5	-	-
Golf courses and country clubs.....	71391	115.2	119.7	119.5	-	-	151.0	160.5	161.9	-	-
Skiing facilities.....	71392	172.3	162.7	160.7	-	-	260.3	273.8	271.6	-	-
Marinas.....	71393	99.5	107.0	104.4	-	-	145.1	155.2	153.7	-	-
Fitness and recreational sports centers.....	71394	101.9	97.7	98.8	-	-	119.8	123.1	123.7	-	-
Bowling centers.....	71395	76.3	75.4	74.4	-	-	98.4	100.7	100.2	-	-
Accommodation and food services.....	72	124.4	125.9	126.1	-	-	178.5	186.3	187.9	-	-
Accommodation.....	721	106.9	107.1	107.9	-	-	148.5	151.4	153.2	-	-
Traveler accommodation.....	7211	106.4	106.4	106.6	-	-	148.1	150.7	151.6	-	-
Hotels and motels, except casino hotels.....	72111	109.8	110.5	110.7	-	-	154.7	158.2	159.1	-	-
RV parks and recreational camps.....	7212	139.3	144.8	151.4	-	-	185.4	197.5	212.3	-	-
Food services and drinking places.....	722	128.5	130.8	131.0	-	-	187.9	197.5	199.4	-	-
Special food services.....	7223	128.9	121.5	121.4	-	-	181.1	171.9	175.1	-	-
Food service contractors.....	72231	129.9	120.6	119.6	-	-	177.4	165.1	166.9	-	-
Caterers and mobile food services.....	72232,3	124.3	125.7	127.9	-	-	192.5	202.2	205.6	-	-
Drinking places, alcoholic beverages.....	7224	90.7	94.0	96.0	-	-	143.0	164.1	167.2	-	-
Restaurants and other eating places.....	7225	129.8	132.8	133.0	-	-	189.7	201.0	202.5	-	-
Full-service restaurants.....	722511	127.0	129.4	129.4	-	-	196.0	206.6	208.0	-	-
Limited-service restaurants.....	722513	131.2	134.9	135.1	-	-	177.8	189.4	191.3	-	-
Cafeterias, grill buffets, and buffets.....	722514	84.7	81.8	82.6	-	-	110.1	107.7	109.7	-	-
Snack and nonalcoholic beverage bars.....	722515	185.2	193.2	192.5	-	-	257.8	276.8	276.2	-	-
Other services.....	81	101.0	102.2	102.3	102.4	0.1	140.4	143.0	143.5	143.9	0.3
Repair and maintenance.....	811	106.1	106.8	106.5	-	-	141.6	143.2	143.6	-	-
Automotive repair and maintenance.....	8111	102.6	105.7	104.8	-	-	134.8	139.8	139.9	-	-
Automotive mechanical and electrical repair.....	81111	103.0	103.5	103.5	-	-	133.2	136.3	138.1	-	-
General automotive repair.....	811111	116.2	115.9	115.4	-	-	147.3	150.2	151.4	-	-
Automotive body, interior, and glass repair.....	811112	100.8	102.7	102.6	-	-	135.6	138.9	139.1	-	-
Other automotive repair and maintenance.....	81119	105.0	114.7	110.8	-	-	139.5	155.2	148.9	-	-
Car washes.....	811192	109.0	122.1	117.1	-	-	144.7	166.8	159.4	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	97.7	103.7	101.6	-	-	131.0	140.1	136.1	-	-
Electronic equipment repair and maintenance.....	8112	99.6	91.9	93.6	-	-	131.1	119.8	122.1	-	-
Computer and office machine repair.....	811212	89.8	79.6	80.6	-	-	114.5	101.9	102.7	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	108.8	102.4	104.1	-	-	145.7	134.4	137.2	-	-
Commercial machinery repair and maintenance.....	8113	140.3	134.4	135.9	-	-	191.8	190.2	191.1	-	-
Household goods repair and maintenance.....	8114	84.0	81.8	81.7	-	-	105.3	98.3	99.3	-	-
Personal and laundry services.....	812	103.0	105.4	106.1	-	-	137.8	143.8	146.2	-	-
Personal care services.....	8121	118.8	122.0	123.4	-	-	170.9	179.5	181.7	-	-
Hair, nail, and skin care services.....	81211	109.3	112.8	112.9	-	-	151.0	161.3	161.7	-	-
Other personal care services.....	81219	194.2	197.9	204.0	-	-	339.0	345.8	351.1	-	-
Death care services.....	8122	88.9	92.2	92.0	-	-	113.0	125.2	125.4	-	-
Drycleaning and laundry services.....	8123	78.4	81.0	80.4	-	-	98.9	104.1	105.7	-	-
Coin-operated laundries and drycleaners.....	81231	74.2	80.3	80.3	-	-	87.6	96.8	99.6	-	-
Drycleaning and laundry services, except coin-operated.....	81232	64.5	63.9	64.3	-	-	82.0	85.0	86.2	-	-
Linen and uniform supply.....	81233	98.4	103.2	101.2	-	-	119.1	123.7	125.7	-	-
Other personal services.....	8129	124.6	124.4	126.6	-	-	151.8	150.1	153.6	-	-
Pet care services, except veterinary.....	81291	291.8	303.0	307.2	-	-	333.9	338.7	338.2	-	-
Parking lots and garages.....	81293	131.8	128.5	131.2	-	-	158.8	159.7	165.5	-	-
Membership associations and organizations.....	813	97.1	98.8	98.9	-	-	139.8	142.7	143.0	-	-
Grantmaking and giving services.....	8132	142.8	141.3	141.3	-	-	265.7	256.9	254.7	-	-
Grantmaking foundations.....	813211	243.2	254.2	253.1	-	-	459.2	456.8	452.4	-	-
Social advocacy organizations.....	8133	116.3	121.7	121.5	-	-	173.2	189.4	188.6	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2015	June 2016	July 2016 ^p	Aug. 2016 ^p	Percent change from: July 2016 - Aug. 2016 ^p	Aug. 2015	June 2016	July 2016 ^p	Aug. 2016 ^p	Percent change from: July 2016 - Aug. 2016 ^p
Human rights organizations.....	813311	112.2	110.1	110.5	—	—	152.6	161.1	156.7	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	118.1	125.9	124.3	—	—	181.7	200.1	199.0	—	—
Civic and social organizations.....	8134	77.8	79.7	79.8	—	—	99.8	106.0	105.8	—	—
Professional and similar organizations.....	8139	92.9	99.7	100.1	—	—	135.5	145.6	146.6	—	—
Business associations.....	81391	93.3	99.1	99.2	—	—	136.8	146.1	148.0	—	—
Professional organizations.....	81392	136.0	136.6	136.1	—	—	207.8	208.1	209.5	—	—
Labor unions and similar labor organizations.....	81393	74.0	82.4	77.8	—	—	104.7	114.8	109.0	—	—
Miscellaneous professional and similar organizations. . .	81394,9	92.7	102.8	104.3	—	—	141.1	164.6	166.0	—	—

¹ 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.

² 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.

³ 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.

⁴ Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

⁵ Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

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