

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Total private.....		111.6	112.8	113.0	113.1	0.1	158.2	163.0	163.7	164.2	0.3
Goods-producing.....		89.6	88.5	88.8	88.7	-0.1	121.5	123.0	123.6	123.8	0.2
Mining and logging.....		137.8	114.1	115.1	115.1	0.0	213.5	179.3	181.0	181.0	0.0
Logging.....	1133	79.4	72.4	74.4	-	-	112.5	104.3	105.2	-	-
Mining.....	21	145.6	119.8	120.2	-	-	224.7	188.0	189.0	-	-
Oil and gas extraction.....	211	170.9	140.7	142.0	-	-	278.7	249.1	251.5	-	-
Mining, except oil and gas.....	212	93.5	85.4	85.0	-	-	134.1	121.7	121.4	-	-
Coal mining.....	2121	83.3	69.7	69.8	-	-	123.7	100.3	100.7	-	-
Stone mining and quarrying.....	21231	84.4	82.1	83.8	-	-	111.2	112.2	114.9	-	-
Crushed and broken limestone mining.....	212312	78.7	75.1	77.2	-	-	111.6	107.3	109.1	-	-
Other stone mining and quarrying.....	212311,3,9	92.5	90.8	91.5	-	-	111.3	117.4	121.2	-	-
Support activities for mining.....	213	195.4	151.9	152.8	-	-	323.6	250.0	251.9	-	-
Support activities for oil and gas operations.....	213112	214.3	165.5	165.3	-	-	396.8	298.7	299.5	-	-
Construction.....	23	99.2	98.9	100.0	99.9	-0.1	136.0	139.6	141.6	141.6	0.0
Construction of buildings.....	236	88.7	89.2	89.2	-	-	124.6	129.3	128.9	-	-
Residential building.....	2361	85.8	86.5	87.9	-	-	119.0	122.3	124.6	-	-
New single-family general contractors.....	236115	65.8	67.0	66.9	-	-	93.9	95.5	95.4	-	-
Residential remodelers.....	236118	121.0	123.6	126.5	-	-	157.9	168.2	175.3	-	-
Nonresidential building.....	2362	90.7	91.6	91.0	-	-	128.2	135.1	133.3	-	-
Industrial building.....	23621	80.4	81.6	78.6	-	-	118.1	123.2	117.5	-	-
Commercial building.....	23622	94.9	95.2	95.8	-	-	132.3	139.1	138.9	-	-
Heavy and civil engineering construction.....	237	104.2	96.0	98.4	-	-	155.8	146.5	151.4	-	-
Utility system construction.....	2371	127.7	116.3	119.3	-	-	200.8	186.8	193.5	-	-
Water and sewer system construction.....	23711	90.7	89.5	92.7	-	-	125.0	126.3	130.5	-	-
Oil and gas pipeline construction.....	23712	182.6	147.8	150.5	-	-	321.2	270.1	280.5	-	-
Power and communication system construction.....	23713	141.4	131.8	132.0	-	-	228.4	217.7	219.1	-	-
Land subdivision.....	2372	21.1	22.1	23.2	-	-	35.9	43.3	45.4	-	-
Highway, street, and bridge construction.....	2373	95.6	92.3	94.1	-	-	131.9	129.3	132.5	-	-
Other heavy construction.....	2379	91.2	82.5	81.8	-	-	132.3	122.2	124.9	-	-
Specialty trade contractors.....	238	100.2	101.9	103.2	-	-	132.8	139.4	141.8	-	-
Building foundation and exterior contractors.....	2381	93.0	94.9	97.4	-	-	123.1	126.7	130.5	-	-
Poured concrete structure contractors.....	23811	107.7	110.5	113.1	-	-	153.4	161.7	165.6	-	-
Steel and precast concrete contractors.....	23812	93.5	92.6	96.7	-	-	134.6	123.0	133.2	-	-
Framing contractors.....	23813	65.6	60.6	62.6	-	-	79.0	72.6	75.7	-	-
Masonry contractors.....	23814	71.8	70.8	71.7	-	-	93.9	90.3	92.1	-	-
Glass and glazing contractors.....	23815	111.2	121.9	122.6	-	-	138.8	163.7	162.4	-	-
Roofing contractors.....	23816	115.5	113.2	117.7	-	-	148.6	153.6	160.6	-	-
Siding contractors.....	23817	114.7	114.4	109.5	-	-	180.3	200.0	183.0	-	-
Other building exterior contractors.....	23819	138.1	146.7	146.3	-	-	175.4	180.8	178.4	-	-
Building equipment contractors.....	2382	105.0	110.9	110.8	-	-	138.1	151.4	151.8	-	-
Electrical contractors.....	23821	93.7	100.7	101.0	-	-	125.9	140.5	141.4	-	-
Plumbing and HVAC contractors.....	23822	114.2	119.7	118.8	-	-	149.0	160.4	160.1	-	-
Other building equipment contractors.....	23829	134.1	133.6	136.8	-	-	162.3	179.3	184.1	-	-
Building finishing contractors.....	2383	88.3	86.5	86.7	-	-	118.2	118.0	118.9	-	-
Drywall and insulation contractors.....	23831	75.4	72.3	73.6	-	-	102.4	101.6	104.4	-	-
Painting and wall covering contractors.....	23832	91.4	91.9	92.0	-	-	115.2	116.8	117.8	-	-
Flooring contractors.....	23833	89.6	88.2	88.5	-	-	122.7	118.2	119.5	-	-
Tile and terrazzo contractors.....	23834	124.0	106.4	105.6	-	-	178.6	156.8	150.8	-	-
Finish carpentry contractors.....	23835	92.5	98.7	102.6	-	-	126.8	138.7	143.8	-	-
Other building finishing contractors.....	23839	102.9	103.2	106.7	-	-	144.6	155.1	163.6	-	-
Other specialty trade contractors.....	2389	115.2	107.3	108.5	-	-	153.1	149.3	152.1	-	-
Site preparation contractors.....	23891	114.9	107.5	110.1	-	-	149.7	149.0	154.2	-	-
All other specialty trade contractors.....	23899	114.6	105.7	107.1	-	-	155.9	146.9	149.4	-	-
Manufacturing.....		82.9	82.5	82.2	82.5	0.4	108.8	110.9	110.6	111.3	0.6

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Durable goods.....		84.0	83.6	83.3	83.5	0.2	110.6	112.6	112.2	112.5	0.3
Wood products.....	321	70.5	69.4	69.4	69.8	0.6	94.2	95.3	95.9	96.4	0.5
Sawmills and wood preservation.....	3211	73.3	71.8	71.8	-	-	94.7	97.2	97.8	-	-
Plywood and engineered wood products.....	3212	72.4	69.8	70.7	-	-	99.5	98.1	100.2	-	-
Other wood products.....	3219	68.2	68.2	67.8	-	-	91.3	93.2	93.0	-	-
Millwork.....	32191	66.8	64.6	63.8	-	-	88.1	87.0	85.8	-	-
Wood windows and doors.....	321911	61.8	61.9	61.7	-	-	89.7	90.7	89.7	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	71.3	66.5	65.7	-	-	86.9	82.8	82.3	-	-
Wood containers and pallets.....	32192	88.6	89.2	88.5	-	-	127.4	135.2	134.0	-	-
All other wood products.....	32199	57.4	60.5	59.6	-	-	76.6	80.6	81.2	-	-
Nonmetallic mineral products.....	327	75.8	74.1	74.4	74.7	0.4	98.6	97.6	98.1	98.1	0.0
Cement and concrete products.....	3273	79.2	81.4	81.6	-	-	108.5	108.0	107.5	-	-
Ready-mix concrete.....	32732	80.3	74.6	74.6	-	-	110.1	97.2	97.0	-	-
Other cement and concrete products.....	32731,3,9	83.2	88.2	90.2	-	-	114.8	121.4	122.6	-	-
Primary metals.....	331	78.0	75.5	74.4	75.0	0.8	99.3	99.0	98.9	98.9	0.0
Foundries.....	3315	69.0	63.0	62.8	-	-	86.1	81.0	81.0	-	-
Fabricated metal products.....	332	95.4	93.2	93.4	93.7	0.3	124.8	125.4	125.8	126.8	0.8
Forging and stamping.....	3321	91.3	91.5	93.1	-	-	114.7	120.8	123.9	-	-
Architectural and structural metals.....	3323	96.7	95.6	95.8	-	-	126.2	126.6	127.3	-	-
Plate work and fabricated structural products.....	33231	98.2	95.2	94.3	-	-	134.1	131.5	130.1	-	-
Fabricated structural metal products.....	332312	101.6	100.1	99.4	-	-	142.0	138.2	138.6	-	-
Ornamental and architectural metal products.....	33232	95.7	96.3	97.8	-	-	120.1	123.3	125.8	-	-
Sheet metal work.....	332322	113.9	111.6	113.0	-	-	139.3	139.8	141.7	-	-
Boilers, tanks, and shipping containers.....	3324	115.1	97.8	97.0	-	-	148.4	131.4	129.8	-	-
Machine shops and threaded products.....	3327	115.3	112.6	112.9	-	-	146.3	146.4	147.4	-	-
Machine shops.....	33271	122.3	120.4	120.8	-	-	156.5	158.7	159.9	-	-
Turned products and screws, nuts, and bolts.....	33272	98.5	93.3	94.1	-	-	120.1	113.9	116.2	-	-
Coating, engraving, and heat treating metals.....	3328	90.7	90.8	90.3	-	-	121.5	122.1	122.0	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	114.4	111.6	110.5	-	-	150.7	147.8	146.4	-	-
Electroplating, anodizing, and coloring metals.....	332813	71.1	72.9	73.4	-	-	96.1	99.0	100.1	-	-
Other fabricated metal products.....	3329	94.2	92.9	93.4	-	-	125.9	130.2	131.4	-	-
Metal valves.....	33291	86.1	81.5	80.5	-	-	120.4	118.5	119.1	-	-
All other fabricated metal products.....	33299	98.7	98.7	100.1	-	-	129.3	136.1	137.6	-	-
Machinery.....	333	92.1	91.3	90.9	91.0	0.1	124.0	126.1	125.4	125.9	0.4
Agricultural, construction, and mining machinery.....	3331	111.7	104.6	104.8	-	-	158.2	150.7	149.6	-	-
Farm machinery and equipment.....	333111	98.5	90.5	94.2	-	-	132.6	130.7	133.5	-	-
Industrial machinery.....	3332	88.5	91.3	90.8	-	-	128.2	129.6	129.6	-	-
Commercial and service industry machinery.....	3333	72.9	74.7	76.2	-	-	114.2	116.8	116.5	-	-
HVAC and commercial refrigeration equipment.....	3334	83.4	85.5	85.5	-	-	109.7	117.3	116.9	-	-
Metalworking machinery.....	3335	88.1	85.4	84.7	-	-	109.3	111.8	110.9	-	-
Special tools, dies, jigs, and fixtures.....	333514	82.6	77.2	77.4	-	-	106.4	103.3	103.3	-	-
Turbine and power transmission equipment.....	3336	80.5	80.0	78.9	-	-	93.3	101.3	102.3	-	-
Other general purpose machinery.....	3339	101.2	103.2	100.9	-	-	138.9	143.8	141.0	-	-
Computer and electronic products.....	334	82.2	82.2	81.6	82.9	1.6	118.7	123.9	123.7	126.5	2.3
Communications equipment.....	3342	53.2	56.7	56.9	-	-	70.3	72.6	72.2	-	-
Semiconductors and electronic components.....	3344	72.8	71.2	71.3	-	-	99.3	99.5	100.8	-	-
Semiconductors and related devices.....	334413	71.2	71.9	74.8	-	-	120.8	118.7	122.6	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	76.9	68.3	67.3	-	-	96.9	95.1	94.8	-	-
Electronic instruments.....	3345	125.5	125.0	124.6	-	-	207.1	213.3	213.1	-	-
Electrical equipment and appliances.....	335	78.3	78.8	78.5	77.6	-1.1	106.1	108.7	109.2	108.1	-1.0
Electrical equipment.....	3353	91.4	87.3	85.4	-	-	118.7	121.9	120.6	-	-
Other electrical equipment and components.....	3359	88.2	87.3	88.0	-	-	122.3	120.6	123.6	-	-
Transportation equipment.....	336	88.8	89.6	89.0	88.5	-0.6	107.8	109.1	107.4	106.5	-0.8
Motor vehicles and parts ⁴	3361,2,3	79.5	81.9	81.4	81.1	-0.4	80.9	84.8	83.2	81.8	-1.7
Motor vehicles.....	3361	75.1	79.4	79.3	-	-	75.5	85.2	82.3	-	-

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Motor vehicle bodies and trailers.....	3362	105.5	105.1	103.2	-	-	118.8	117.1	115.1	-	-
Motor vehicle parts.....	3363	76.5	78.6	77.8	-	-	78.4	79.6	78.1	-	-
Motor vehicle gasoline engine and parts.....	33631	73.3	71.1	71.1	-	-	84.2	77.4	76.6	-	-
Motor vehicle power train components.....	33635	81.7	88.7	87.9	-	-	79.3	86.7	85.3	-	-
Motor vehicle metal stamping.....	33637	82.2	83.3	81.5	-	-	79.7	83.2	79.6	-	-
All other motor vehicle parts.....	33639	85.8	85.9	85.3	-	-	96.7	94.2	93.4	-	-
Aerospace products and parts.....	3364	127.4	126.5	125.3	-	-	212.0	208.3	204.7	-	-
Aircraft.....	336411	121.2	120.1	119.6	-	-	185.6	184.5	181.7	-	-
Furniture and related products.....	337	61.5	60.9	60.4	61.2	1.3	79.2	81.6	81.4	83.0	2.0
Household and institutional furniture.....	3371	58.3	58.3	58.3	-	-	75.6	78.4	79.2	-	-
Wood kitchen cabinets and countertops.....	33711	71.8	73.1	74.2	-	-	92.2	97.7	100.0	-	-
Other household and institutional furniture.....	33712	50.2	49.8	49.1	-	-	64.8	66.4	66.1	-	-
Upholstered household furniture.....	337121	71.6	74.0	71.6	-	-	84.2	92.2	91.4	-	-
Miscellaneous durable goods manufacturing.....	339	84.4	86.9	87.4	87.3	-0.1	117.9	124.7	125.6	125.3	-0.2
Medical equipment and supplies.....	3391	106.3	112.1	113.5	-	-	144.7	158.9	160.8	-	-
Surgical appliances and supplies.....	339113	113.6	106.3	106.6	-	-	155.3	140.9	139.6	-	-
Dental laboratories.....	339116	80.5	77.5	80.2	-	-	112.4	109.1	114.4	-	-
Other miscellaneous durable goods manufacturing... ..	3399	68.6	68.7	68.2	-	-	96.4	97.3	97.1	-	-
Signs.....	33995	95.8	90.4	87.4	-	-	124.7	119.6	115.2	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.4	69.1	70.0	-	-	97.7	100.9	103.3	-	-
Nondurable goods.....		81.1	80.6	80.6	80.8	0.2	105.4	107.8	108.0	108.8	0.7
Food manufacturing.....	311	101.8	103.6	102.6	102.4	-0.2	130.9	137.0	136.4	136.8	0.3
Sugar and confectionery products.....	3113	79.7	76.3	74.6	-	-	86.7	86.2	84.5	-	-
Fruit and vegetable preserving and specialty.....	3114	87.1	92.3	88.3	-	-	112.1	121.8	117.0	-	-
Frozen food.....	31141	86.6	93.6	91.6	-	-	117.2	127.6	125.4	-	-
Fruit and vegetable canning and drying.....	31142	88.5	92.8	85.5	-	-	108.2	119.9	110.3	-	-
Dairy products.....	3115	108.6	113.1	111.1	-	-	149.2	157.2	156.4	-	-
Animal slaughtering and processing.....	3116	100.0	100.0	99.3	-	-	131.2	133.4	132.8	-	-
Poultry processing.....	311615	98.4	98.9	98.9	-	-	130.3	131.2	130.2	-	-
Seafood product preparation and packaging.....	3117	83.6	104.8	102.5	-	-	124.5	152.2	146.6	-	-
Bakeries and tortilla manufacturing.....	3118	104.7	101.9	101.1	-	-	134.8	134.2	134.4	-	-
Textile mills.....	313	38.4	37.0	37.4	37.7	0.8	48.8	49.6	49.6	50.5	1.8
Textile product mills.....	314	52.4	52.9	53.9	52.3	-3.0	64.2	66.6	68.3	65.7	-3.8
Apparel.....	315	37.0	34.1	34.6	34.1	-1.4	55.5	50.8	51.6	50.6	-1.9
Paper and paper products.....	322	67.7	66.6	66.4	67.1	1.1	87.6	86.4	85.6	86.8	1.4
Pulp, paper, and paperboard mills.....	3221	64.4	60.3	60.0	-	-	82.1	77.9	76.4	-	-
Converted paper products.....	3222	69.2	69.4	69.4	-	-	91.2	92.1	91.9	-	-
Paperboard containers.....	32221	69.7	70.6	70.4	-	-	90.7	92.1	92.0	-	-
Corrugated and solid fiber boxes.....	322211	68.5	69.7	69.0	-	-	83.3	88.8	89.5	-	-
Paper bags and coated and treated paper.....	32222	72.7	68.8	70.2	-	-	94.2	91.8	94.4	-	-
Printing and related support activities.....	323	65.2	63.0	63.2	63.5	0.5	80.5	79.4	78.9	79.1	0.3
Petroleum and coal products.....	324	103.6	102.4	103.2	103.3	0.1	169.6	175.8	179.4	177.6	-1.0
Chemicals.....	325	97.7	96.6	97.0	98.2	1.2	119.2	124.4	124.6	127.5	2.3
Basic chemicals.....	3251	91.7	88.0	87.5	-	-	112.4	112.3	113.9	-	-
Resin, rubber, and artificial fibers.....	3252	85.6	83.3	80.9	-	-	111.5	117.3	114.5	-	-
Pharmaceuticals and medicines.....	3254	127.4	128.3	128.6	-	-	163.3	162.5	161.6	-	-
Soaps, cleaning compounds, and toiletries.....	3256	92.1	88.2	89.3	-	-	109.6	105.9	106.0	-	-
Plastics and rubber products.....	326	84.0	83.0	83.4	83.3	-0.1	105.1	105.4	106.4	106.6	0.2
Plastics products.....	3261	86.6	85.1	85.1	-	-	113.9	113.4	114.7	-	-
Plastics packaging materials, film, and sheet.....	32611	103.9	105.1	102.0	-	-	124.7	127.7	125.9	-	-
Foam products.....	32614,5	104.3	107.7	107.7	-	-	128.5	139.5	142.1	-	-
Other plastics products.....	32619	79.4	76.7	77.1	-	-	108.6	106.4	107.4	-	-
Rubber products.....	3262	75.2	76.5	77.4	-	-	80.4	83.8	83.9	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	95.4	94.6	97.0	95.7	-1.3	113.7	117.2	119.7	120.4	0.6
Private service-providing.....		117.6	119.3	119.8	120.0	0.2	169.5	175.0	176.3	176.9	0.3

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Trade, transportation, and utilities.....		106.4	107.0	107.1	107.5	0.4	142.8	145.0	145.7	146.3	0.4
Wholesale trade.....	42	107.1	107.8	108.3	109.0	0.6	150.1	153.9	155.5	156.5	0.6
Durable goods.....	423	99.7	100.7	101.0	—	—	133.3	138.5	139.8	—	—
Motor vehicles and parts.....	4231	99.4	100.7	101.5	—	—	134.4	130.2	131.0	—	—
Motor vehicles.....	42311	97.1	98.4	99.4	—	—	129.4	127.7	126.8	—	—
New motor vehicle parts.....	42312	95.1	96.5	96.3	—	—	131.0	126.6	127.7	—	—
Furniture and furnishings.....	4232	89.2	90.2	88.4	—	—	106.0	113.7	112.9	—	—
Lumber and construction supplies.....	4233	93.2	101.1	100.7	—	—	128.6	142.1	144.0	—	—
Lumber and wood.....	42331	83.0	89.8	89.6	—	—	114.3	131.5	132.1	—	—
Masonry materials.....	42332	102.6	101.8	103.3	—	—	132.8	135.6	139.4	—	—
Roofing, siding, and other construction materials.....	42333,9	109.1	128.1	126.7	—	—	161.3	176.3	178.5	—	—
Commercial equipment.....	4234	93.1	95.0	94.0	—	—	118.7	129.6	131.0	—	—
Office equipment.....	42342	71.2	70.4	70.3	—	—	97.6	101.1	102.7	—	—
Computer and software.....	42343	78.9	83.7	81.4	—	—	96.4	112.1	110.2	—	—
Medical equipment.....	42345	129.0	126.0	126.9	—	—	175.5	180.4	187.7	—	—
Miscellaneous professional and commercial equipment.....	42341,4,6,9	104.8	110.5	110.2	—	—	147.4	163.0	164.8	—	—
Metals and minerals.....	4235	101.0	98.4	99.6	—	—	140.1	136.7	140.0	—	—
Electric goods.....	4236	93.5	95.1	95.6	—	—	126.0	131.1	132.6	—	—
Electrical equipment and wiring.....	42361	106.4	106.8	106.9	—	—	143.7	149.9	150.6	—	—
Electric appliances and other electronic parts.....	42362,9	82.4	85.6	86.2	—	—	111.4	116.2	118.0	—	—
Hardware and plumbing.....	4237	106.7	107.6	109.4	—	—	149.6	158.0	159.5	—	—
Hardware.....	42371	107.8	109.6	109.4	—	—	162.4	166.3	166.7	—	—
Plumbing equipment.....	42372	107.9	113.9	118.4	—	—	160.6	175.5	181.4	—	—
HVAC and refrigeration equipment.....	42373,4	103.7	98.3	99.1	—	—	128.4	133.2	133.2	—	—
Machinery and supplies.....	4238	105.5	105.4	106.3	—	—	143.9	148.5	149.9	—	—
Construction equipment.....	42381	107.8	107.6	112.8	—	—	136.3	139.8	149.5	—	—
Farm and garden equipment.....	42382	106.2	106.4	106.6	—	—	158.1	169.8	170.2	—	—
Industrial machinery.....	42383	104.4	103.2	103.1	—	—	145.0	148.4	147.6	—	—
Industrial supplies.....	42384	123.8	128.2	128.8	—	—	167.2	179.2	179.9	—	—
Miscellaneous durable goods.....	4239	114.8	109.5	111.1	—	—	165.7	155.6	160.1	—	—
Sporting goods.....	42391	104.1	97.3	99.1	—	—	140.6	135.8	138.3	—	—
Recyclable materials.....	42393	114.9	111.5	112.3	—	—	143.5	147.2	149.5	—	—
Nondurable goods.....	424	106.2	106.3	107.2	—	—	146.1	147.0	148.0	—	—
Paper and paper products.....	4241	83.3	82.7	83.0	—	—	123.5	117.2	117.2	—	—
Druggists' goods.....	4242	89.7	87.1	86.5	—	—	131.1	127.5	125.4	—	—
Apparel and piece goods.....	4243	107.2	108.0	111.4	—	—	147.8	146.1	150.4	—	—
Grocery and related products.....	4244	113.0	114.1	115.1	—	—	151.4	155.9	156.4	—	—
General line grocery.....	42441	109.5	112.3	112.6	—	—	146.1	151.9	152.1	—	—
Fruits and vegetables.....	42448	144.1	140.1	146.1	—	—	186.9	192.6	199.0	—	—
Farm product raw materials.....	4245	109.7	106.0	107.6	—	—	160.8	162.9	168.1	—	—
Chemicals.....	4246	103.9	103.7	104.6	—	—	131.8	136.5	137.3	—	—
Petroleum.....	4247	100.6	102.4	103.0	—	—	156.4	158.8	160.8	—	—
Alcoholic beverages.....	4248	143.9	148.7	148.8	—	—	190.4	193.3	194.7	—	—
Misc. nondurable goods.....	4249	95.6	96.8	98.5	—	—	131.7	133.6	135.6	—	—
Farm supplies.....	42491	109.5	107.4	109.5	—	—	148.5	146.2	146.4	—	—
Nursery stock and florists' supplies.....	42493	69.3	78.6	82.0	—	—	104.4	110.9	116.0	—	—
Electronic markets and agents and brokers.....	425	150.0	151.5	151.6	—	—	236.8	243.4	245.5	—	—
Business to business electronic markets.....	42511	45.6	46.5	46.7	—	—	65.5	67.2	66.6	—	—
Wholesale trade agents and brokers.....	42512	165.5	166.1	167.0	—	—	255.9	261.6	265.3	—	—
Retail trade.....		101.2	101.8	101.6	102.0	0.4	130.2	130.8	130.8	131.2	0.3
Motor vehicle and parts dealers.....	441	111.9	113.0	113.2	—	—	135.1	136.5	136.6	—	—
Automobile dealers.....	4411	111.2	112.3	113.1	—	—	128.9	130.0	130.3	—	—
New car dealers.....	44111	106.3	107.1	108.2	—	—	122.5	123.5	124.2	—	—
Used car dealers.....	44112	172.7	179.8	174.4	—	—	237.6	245.2	234.6	—	—
Other motor vehicle dealers.....	4412	108.9	110.5	110.0	—	—	146.1	151.8	150.6	—	—

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Auto parts, accessories, and tire stores.....	4413	114.3	114.3	114.1	-	-	155.1	155.0	156.5	-	-
Automotive parts and accessories stores.....	44131	113.3	112.2	112.2	-	-	162.3	159.3	162.0	-	-
Tire dealers.....	44132	116.7	118.3	118.8	-	-	143.2	146.7	147.3	-	-
Furniture and home furnishings stores.....	442	88.7	92.5	91.5	-	-	116.6	124.4	124.6	-	-
Furniture stores.....	4421	88.7	90.4	90.3	-	-	115.1	119.3	119.1	-	-
Home furnishings stores.....	4422	89.8	95.1	93.5	-	-	120.0	131.5	132.9	-	-
Floor covering stores.....	44221	69.8	72.4	72.6	-	-	96.6	103.8	108.6	-	-
Other home furnishings stores.....	44229	105.9	113.1	111.0	-	-	146.1	161.2	161.2	-	-
Electronics and appliance stores.....	443	108.0	104.6	105.3	-	-	154.3	150.1	153.7	-	-
Household appliance stores.....	443141	67.3	62.9	64.5	-	-	84.9	82.2	85.8	-	-
Electronics stores.....	443142	116.0	112.3	113.1	-	-	165.2	160.8	163.0	-	-
Building material and garden supply stores.....	444	95.7	98.7	98.2	-	-	119.4	125.1	125.5	-	-
Building material and supplies dealers.....	4441	94.5	97.1	96.3	-	-	116.9	122.3	122.2	-	-
Home centers.....	44411	103.8	105.7	103.7	-	-	122.3	128.4	126.9	-	-
Hardware stores.....	44413	82.6	88.5	88.3	-	-	106.0	119.8	119.8	-	-
Lawn and garden equipment and supplies stores.....	4442	103.5	111.3	112.8	-	-	136.5	150.3	152.6	-	-
Food and beverage stores.....	445	91.8	92.3	92.0	-	-	111.6	110.0	109.6	-	-
Grocery stores.....	4451	93.2	93.8	93.2	-	-	114.6	112.8	111.9	-	-
Supermarkets and other grocery stores.....	44511	92.0	92.5	91.9	-	-	113.3	111.0	110.2	-	-
Convenience stores.....	44512	113.3	113.3	114.5	-	-	143.9	147.3	147.5	-	-
Specialty food stores.....	4452	77.9	77.1	77.6	-	-	88.1	87.6	88.7	-	-
Meat markets and fish and seafood markets.....	44521,2	94.2	92.0	93.8	-	-	115.4	113.7	116.8	-	-
Beer, wine, and liquor stores.....	4453	96.9	99.8	98.9	-	-	104.6	109.0	109.1	-	-
Health and personal care stores.....	446	100.1	102.7	102.8	-	-	137.4	142.6	143.7	-	-
Pharmacies and drug stores.....	44611	95.2	96.2	95.7	-	-	135.0	140.5	141.3	-	-
Cosmetic and beauty supply stores.....	44612	121.2	123.2	127.3	-	-	136.6	141.7	147.3	-	-
Optical goods stores.....	44613	123.4	135.2	138.1	-	-	182.7	186.5	190.0	-	-
Other health and personal care stores.....	44619	99.0	104.6	101.3	-	-	128.5	130.3	125.6	-	-
Gasoline stations.....	447	101.3	101.7	102.3	-	-	130.3	134.0	135.3	-	-
Gasoline stations with convenience stores.....	44711	105.5	106.1	106.9	-	-	136.2	140.7	142.0	-	-
Other gasoline stations.....	44719	79.7	78.4	80.3	-	-	104.9	104.5	107.1	-	-
Clothing and clothing accessories stores.....	448	92.0	91.2	91.0	-	-	115.6	119.1	118.5	-	-
Clothing stores.....	4481	91.1	89.2	89.1	-	-	110.0	112.2	110.5	-	-
Women's clothing stores.....	44812	123.4	114.0	115.2	-	-	160.7	149.3	146.7	-	-
Family clothing stores.....	44814	76.5	76.1	76.5	-	-	86.4	91.4	91.9	-	-
Clothing accessories stores.....	44815	141.0	120.2	124.6	-	-	182.7	170.0	177.1	-	-
Shoe stores.....	4482	115.1	116.6	117.2	-	-	179.8	190.4	191.4	-	-
Jewelry, luggage, and leather goods stores.....	4483	77.8	80.1	80.5	-	-	98.7	103.0	105.1	-	-
Sporting goods, hobby, book, and music stores.....	451	100.0	103.7	105.1	-	-	136.5	144.3	149.8	-	-
Sporting goods and musical instrument stores.....	4511	115.9	118.6	123.5	-	-	155.6	161.4	170.8	-	-
Sporting goods stores.....	45111	143.5	142.5	149.9	-	-	189.0	188.1	202.6	-	-
Hobby, toy, and game stores.....	45112	93.3	102.7	104.8	-	-	110.4	135.4	140.1	-	-
Book stores and news dealers.....	4512	55.0	52.9	50.5	-	-	75.8	77.2	77.8	-	-
General merchandise stores.....	452	111.9	111.2	110.7	-	-	139.3	137.2	136.5	-	-
Miscellaneous store retailers.....	453	86.0	85.2	86.1	-	-	111.3	110.0	109.0	-	-
Florists.....	4531	47.3	45.9	49.4	-	-	58.3	57.0	61.3	-	-
Office supplies, stationery, and gift stores.....	4532	60.1	56.4	55.5	-	-	81.5	73.0	71.0	-	-
Office supplies and stationery stores.....	45321	62.6	56.2	54.7	-	-	87.5	70.9	67.5	-	-
Gift, novelty, and souvenir stores.....	45322	57.9	56.2	57.2	-	-	75.1	75.5	77.1	-	-
Used merchandise stores.....	4533	189.8	189.6	187.5	-	-	260.2	268.9	268.2	-	-
Other miscellaneous store retailers.....	4539	104.1	106.9	109.6	-	-	133.3	139.7	138.2	-	-
Pet and pet supplies stores.....	45391	154.3	163.5	169.2	-	-	229.0	243.1	237.1	-	-
Nonstore retailers.....	454	120.3	119.7	119.1	-	-	194.7	182.4	181.5	-	-
Electronic shopping and mail-order houses.....	4541	157.1	152.0	151.3	-	-	259.8	229.9	228.2	-	-
Electronic shopping and electronic auctions.....	454111,2	408.2	397.5	399.3	-	-	775.5	643.7	642.4	-	-
Mail-order houses.....	454113	80.8	78.8	76.6	-	-	96.5	101.3	97.4	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Transportation and warehousing.....		123.0	123.2	123.8	123.3	-0.4	162.3	164.1	165.7	165.1	-0.4
Air transportation.....	481	70.5	72.1	72.6	-	-	143.5	151.9	155.1	-	-
Truck transportation.....	484	119.3	117.2	117.9	-	-	156.3	156.6	159.1	-	-
General freight trucking.....	4841	113.2	113.3	114.0	-	-	145.8	149.1	152.2	-	-
General freight trucking, local.....	48411	110.7	108.7	109.4	-	-	145.6	144.4	146.4	-	-
General freight trucking, long-distance.....	48412	114.3	114.9	115.4	-	-	146.2	150.5	153.5	-	-
General freight trucking, long-distance TL.....	484121	108.6	110.2	110.7	-	-	143.2	146.2	149.0	-	-
General freight trucking, long-distance LTL.....	484122	127.8	126.8	127.8	-	-	152.6	160.3	164.5	-	-
Specialized freight trucking.....	4842	134.8	127.7	128.5	-	-	186.0	178.9	180.7	-	-
Used household and office goods moving.....	48421	90.7	86.4	85.4	-	-	119.2	114.6	113.3	-	-
Other specialized trucking, local.....	48422	145.7	135.4	137.4	-	-	204.7	194.6	197.4	-	-
Other specialized trucking, long-distance.....	48423	153.0	150.1	148.4	-	-	201.6	200.2	198.5	-	-
Transit and ground passenger transportation.....	485	131.6	127.4	128.7	-	-	168.2	169.0	171.3	-	-
School and employee bus transportation.....	4854	119.3	121.6	123.7	-	-	166.8	161.3	170.7	-	-
Other ground passenger transportation.....	4859	193.4	181.8	184.4	-	-	225.6	220.2	222.4	-	-
Pipeline transportation.....	486	139.5	130.5	131.4	-	-	252.7	237.2	242.7	-	-
Support activities for transportation.....	488	123.6	120.2	121.0	-	-	162.5	154.1	154.8	-	-
Support activities for air transportation.....	4881	135.9	135.4	136.4	-	-	166.9	160.2	160.2	-	-
Airport operations.....	48811	130.4	135.2	136.1	-	-	120.0	125.8	127.1	-	-
Support activities for water transportation.....	4883	90.8	86.1	84.2	-	-	149.7	127.6	124.5	-	-
Support activities for road transportation.....	4884	133.9	126.9	132.2	-	-	140.0	135.2	140.6	-	-
Freight transportation arrangement.....	4885	129.5	127.6	128.6	-	-	178.9	179.6	182.7	-	-
Support activities for other transportation, including rail.....	4882,9	122.9	113.0	115.2	-	-	174.7	164.6	169.4	-	-
Couriers and messengers.....	492	146.3	151.8	151.0	-	-	171.3	182.6	182.7	-	-
Warehousing and storage.....	493	173.9	190.6	192.0	-	-	181.7	203.3	204.3	-	-
General warehousing and storage.....	49311	182.4	200.7	202.6	-	-	188.5	212.5	213.5	-	-
Utilities.....	22	96.6	98.6	99.2	100.8	1.6	139.2	146.2	146.9	151.4	3.1
Power generation and supply.....	2211	96.8	97.7	97.7	-	-	140.8	149.1	149.2	-	-
Electric power generation.....	22111	61.7	62.0	63.2	-	-	92.6	96.2	98.8	-	-
Fossil fuel electric power generation.....	221112	68.8	69.5	70.0	-	-	104.8	109.8	111.1	-	-
Electric power transmission and distribution.....	22112	151.3	153.8	151.1	-	-	225.4	242.1	236.8	-	-
Natural gas distribution.....	2212	93.7	93.8	96.3	-	-	132.1	132.8	134.7	-	-
Water, sewage and other systems.....	2213	106.8	120.7	124.6	-	-	149.1	154.5	161.7	-	-
Information.....	51	91.1	90.9	91.0	91.1	0.1	131.3	136.1	136.9	137.3	0.3
Publishing industries, except Internet.....	511	100.4	100.0	99.4	-	-	159.5	161.5	161.1	-	-
Newspaper, book, and directory publishers.....	5111	85.2	80.6	80.0	-	-	131.1	120.8	119.2	-	-
Newspaper publishers.....	51111	80.0	75.1	74.2	-	-	104.1	99.6	97.9	-	-
Periodical publishers.....	51112	103.3	96.6	95.5	-	-	169.3	158.3	156.0	-	-
Software publishers.....	5112	125.7	130.8	131.1	-	-	183.2	193.8	196.1	-	-
Motion picture and sound recording industries.....	512	85.2	85.2	86.7	-	-	91.6	93.5	96.4	-	-
Broadcasting, except Internet.....	515	86.1	86.1	85.5	-	-	134.3	132.2	133.2	-	-
Radio broadcasting.....	51511	89.1	89.0	88.7	-	-	155.3	145.7	147.2	-	-
Telecommunications.....	517	74.2	72.5	72.4	-	-	97.4	104.6	104.4	-	-
Wired telecommunications carriers.....	5171	83.8	82.8	82.7	-	-	107.4	115.0	113.9	-	-
Telecommunications resellers.....	517911	34.3	32.0	30.9	-	-	39.9	37.3	38.0	-	-
Data processing, hosting and related services.....	518	111.2	110.3	110.8	-	-	177.0	183.7	186.7	-	-
Other information services.....	519	213.0	227.3	229.7	-	-	316.8	337.0	340.4	-	-
Financial activities.....		110.7	112.1	112.2	112.4	0.2	173.7	181.4	181.8	182.6	0.4
Credit intermediation and related activities.....	522	101.9	104.6	104.7	-	-	155.1	163.6	165.1	-	-
Depository credit intermediation.....	5221	99.3	102.1	102.0	-	-	154.5	163.0	164.3	-	-
Commercial banking.....	52211	102.1	104.6	104.1	-	-	163.0	170.8	171.5	-	-
Savings institutions.....	52212	63.0	63.2	63.5	-	-	90.9	94.9	97.2	-	-
Credit unions and other depository credit intermediation.....	52213,9	123.5	129.5	129.7	-	-	182.0	196.0	197.8	-	-
Nondepository credit intermediation.....	5222	95.5	96.0	96.7	-	-	140.4	144.7	146.6	-	-

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Consumer lending.....	522291	114.8	115.2	112.2	-	-	145.4	139.9	137.0	-	-
Real estate credit.....	522292	88.0	89.0	89.8	-	-	123.8	128.4	130.0	-	-
Activities related to credit intermediation.....	5223	136.5	147.3	146.1	-	-	201.7	227.8	227.7	-	-
Financial transaction processing and clearing.....	52232	210.5	219.3	219.2	-	-	428.4	427.0	432.4	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	130.3	131.0	131.2	-	-	232.2	240.9	240.1	-	-
Securities brokerage.....	52312	106.3	105.8	104.5	-	-	173.9	179.9	178.0	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.9	104.3	103.2	-	-	195.5	203.1	199.5	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	173.7	175.5	176.9	-	-	292.8	301.8	303.1	-	-
Portfolio management.....	52392	159.6	157.6	158.8	-	-	273.6	284.0	287.3	-	-
Investment advice.....	52393	225.8	229.1	230.8	-	-	373.6	375.4	373.1	-	-
Insurance carriers and related activities.....	524	115.7	117.6	117.5	-	-	170.4	179.3	178.9	-	-
Insurance carriers.....	5241	105.6	107.7	106.8	-	-	158.6	167.5	166.1	-	-
Direct life and health insurance carriers.....	52411	116.4	116.9	115.8	-	-	179.3	188.9	186.8	-	-
Direct insurers, except life and health.....	52412	95.0	98.6	97.6	-	-	136.5	144.9	143.8	-	-
Reinsurance carriers.....	52413	88.1	90.7	90.2	-	-	217.6	212.3	213.4	-	-
Insurance agencies, brokerages, and related services.....	5242	136.2	137.9	139.0	-	-	197.6	205.8	207.6	-	-
Insurance agencies and brokerages.....	52421	134.8	135.7	137.3	-	-	196.4	200.4	202.7	-	-
Other insurance-related activities.....	52429	141.2	143.1	143.7	-	-	201.6	217.1	219.5	-	-
Third-party administration of insurance funds.....	524292	135.2	135.4	133.8	-	-	189.4	205.5	204.1	-	-
Real estate.....	531	114.6	116.9	116.7	-	-	179.9	189.3	189.0	-	-
Lessors of real estate.....	5311	92.9	91.8	91.9	-	-	144.1	145.1	145.6	-	-
Lessors of residential buildings.....	53111	88.7	89.9	88.7	-	-	134.1	137.3	135.4	-	-
Lessors of nonresidential buildings.....	53112	92.4	87.5	90.4	-	-	160.1	158.9	165.9	-	-
Offices of real estate agents and brokers.....	5312	101.2	103.3	105.3	-	-	165.7	176.8	182.1	-	-
Activities related to real estate.....	5313	154.2	160.8	159.3	-	-	231.4	248.8	245.9	-	-
Real estate property managers.....	53131	154.4	160.5	159.2	-	-	231.3	248.2	244.8	-	-
Residential property managers.....	531311	161.1	168.6	165.7	-	-	238.9	257.7	251.7	-	-
Nonresidential property managers.....	531312	137.6	141.3	143.2	-	-	215.1	230.6	231.3	-	-
Rental and leasing services.....	532	92.6	91.3	91.1	-	-	136.7	140.8	140.5	-	-
Home health equipment rental.....	532291	127.9	122.9	120.1	-	-	146.2	129.3	122.0	-	-
General rental centers.....	5323	69.4	69.9	70.8	-	-	71.5	71.4	71.7	-	-
Machinery and equipment rental and leasing.....	5324	129.2	128.1	130.3	-	-	201.5	211.5	214.7	-	-
Heavy machinery rental and leasing.....	53241	124.0	112.3	116.6	-	-	200.2	198.5	202.8	-	-
Office equipment and other machinery rental and leasing.....	53242,9	137.9	151.5	149.9	-	-	205.0	229.2	232.3	-	-
Professional and business services.....		129.7	131.6	132.3	132.9	0.5	193.0	199.9	201.4	202.7	0.6
Professional and technical services.....	54	138.7	142.8	143.3	-	-	209.6	219.5	221.1	-	-
Legal services.....	5411	101.5	101.0	101.6	-	-	150.1	153.0	155.9	-	-
Offices of lawyers.....	54111	100.0	99.6	100.4	-	-	149.1	151.9	154.7	-	-
Other legal services.....	54119	121.5	121.5	117.8	-	-	168.3	179.9	179.4	-	-
Title abstract and settlement offices.....	541191	100.1	106.1	100.9	-	-	120.8	134.4	130.8	-	-
Accounting and bookkeeping services.....	5412	120.1	124.4	125.5	-	-	184.4	188.5	189.5	-	-
Offices of certified public accountants.....	541211	123.4	126.8	126.9	-	-	182.5	182.9	182.1	-	-
Payroll services.....	541214	135.5	153.5	158.3	-	-	227.2	240.5	245.8	-	-
Architectural and engineering services.....	5413	114.9	117.0	117.5	-	-	172.5	177.3	178.1	-	-
Architectural services.....	54131	102.6	103.7	104.2	-	-	149.4	153.1	154.3	-	-
Landscape architectural services.....	54132	86.8	91.5	92.4	-	-	146.5	153.8	157.4	-	-
Engineering and drafting services.....	54133,4	121.1	123.9	123.9	-	-	181.8	186.3	186.4	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	98.7	95.0	96.7	-	-	139.7	150.1	155.8	-	-
Testing laboratories.....	54138	110.3	115.1	116.5	-	-	160.1	166.9	169.1	-	-
Specialized design services.....	5414	119.2	128.7	126.5	-	-	196.2	204.0	203.3	-	-
Graphic design services.....	54143	98.9	103.5	104.7	-	-	177.2	188.0	185.0	-	-
Computer systems design and related services.....	5415	174.7	181.0	181.4	-	-	245.8	259.5	261.1	-	-
Custom computer programming services.....	541511	166.2	173.8	173.7	-	-	234.9	246.3	246.7	-	-

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Computer systems design services.....	541512	210.9	219.0	220.9	-	-	284.3	299.7	303.5	-	-
Management and technical consulting services.....	5416	216.8	225.1	226.8	-	-	307.0	327.1	330.4	-	-
Management consulting services.....	54161	204.7	215.8	216.5	-	-	284.3	309.1	310.2	-	-
Administrative management consulting services.....	541611	213.5	225.9	226.8	-	-	332.4	360.0	360.4	-	-
Marketing consulting services.....	541613	341.9	364.7	361.2	-	-	441.0	473.5	472.4	-	-
Process and logistics consulting services.....	541614	220.1	226.0	226.1	-	-	235.0	268.7	274.2	-	-
Scientific research and development services.....	5417	135.0	138.1	138.3	-	-	218.5	229.9	231.7	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.7	146.0	145.6	-	-	230.0	243.9	244.5	-	-
Biotechnology research.....	541711	146.9	149.5	151.4	-	-	222.9	245.4	249.5	-	-
Physical, engineering, and life sciences research.....	541712	140.4	144.4	144.1	-	-	232.5	242.8	243.6	-	-
Social science and humanities research.....	54172	84.3	81.2	81.1	-	-	121.6	116.9	118.2	-	-
Advertising and related services.....	5418	123.4	131.1	129.8	-	-	201.2	219.8	220.5	-	-
Advertising agencies.....	54181	145.3	148.4	147.9	-	-	226.3	234.2	235.3	-	-
Public relations agencies.....	54182	125.4	129.4	125.4	-	-	192.1	204.1	197.8	-	-
Advertising material distribution and other advertising services.....	54187,9	136.1	157.1	153.5	-	-	192.3	239.1	240.4	-	-
Other professional and technical services.....	5419	150.2	157.6	157.5	-	-	231.8	253.7	255.2	-	-
Marketing research and public opinion polling.....	54191	95.1	91.3	94.4	-	-	154.1	144.7	147.5	-	-
Photographic services.....	54192	64.2	60.2	58.9	-	-	92.1	86.4	85.3	-	-
Veterinary services.....	54194	160.6	163.2	163.8	-	-	231.3	245.3	248.3	-	-
Miscellaneous professional and technical services.....	54193,9	322.9	385.7	388.1	-	-	518.5	655.0	666.9	-	-
Management of companies and enterprises.....	55	130.4	130.1	130.4	-	-	220.2	217.6	219.1	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	112.3	104.3	105.5	-	-	166.6	168.3	172.4	-	-
Managing offices.....	551114	131.2	131.5	131.3	-	-	223.4	221.0	221.5	-	-
Administrative and waste services.....	56	122.4	122.8	123.4	-	-	163.0	167.8	169.4	-	-
Administrative and support services.....	561	122.0	123.0	123.3	-	-	162.9	168.7	170.0	-	-
Office administrative services.....	5611	182.1	187.3	187.1	-	-	292.9	320.9	327.2	-	-
Facilities support services.....	5612	151.4	146.8	148.9	-	-	164.1	170.6	172.0	-	-
Employment services.....	5613	115.9	115.7	115.9	-	-	150.2	150.0	151.0	-	-
Employment placement agencies and executive search services.....	56131	106.5	106.1	107.5	-	-	179.8	170.9	174.8	-	-
Temporary help services.....	56132	139.7	139.6	140.1	-	-	177.1	178.1	180.7	-	-
Professional employer organizations.....	56133	49.3	48.5	47.6	-	-	63.9	63.8	60.0	-	-
Business support services.....	5614	129.5	132.6	132.5	-	-	173.9	187.5	190.3	-	-
Telephone call centers.....	56142	162.7	166.8	166.1	-	-	228.0	244.0	247.3	-	-
Business service centers.....	56143	93.4	96.8	97.3	-	-	121.0	133.7	135.5	-	-
Collection agencies.....	56144	91.5	92.9	93.6	-	-	129.3	132.5	133.3	-	-
Travel arrangement and reservation services.....	5615	86.7	85.3	84.5	-	-	132.9	138.1	137.6	-	-
Travel agencies.....	56151	73.4	74.1	72.1	-	-	99.4	101.8	100.7	-	-
Investigation and security services.....	5616	121.6	122.9	123.0	-	-	167.4	176.2	177.0	-	-
Security and armored car services.....	56161	119.0	120.7	120.7	-	-	161.7	170.1	171.4	-	-
Security systems services.....	56162	137.7	138.8	136.8	-	-	191.7	204.1	200.9	-	-
Services to buildings and dwellings.....	5617	129.0	130.7	131.5	-	-	172.4	180.6	182.0	-	-
Exterminating and pest control services.....	56171	138.6	154.1	151.2	-	-	202.6	232.8	229.4	-	-
Janitorial services.....	56172	125.9	127.8	128.3	-	-	163.9	173.8	174.9	-	-
Landscaping services.....	56173	134.2	134.7	136.4	-	-	183.4	188.1	190.7	-	-
Carpet and upholstery cleaning services.....	56174	94.9	88.4	89.2	-	-	130.3	119.0	119.1	-	-
Other services to buildings and dwellings.....	56179	120.6	117.5	119.5	-	-	137.7	145.8	148.6	-	-
Other support services.....	5619	101.0	109.4	112.6	-	-	130.7	144.9	145.7	-	-
Packaging and labeling services.....	56191	118.3	131.1	131.6	-	-	172.6	199.1	193.8	-	-
Convention and trade show organizers.....	56192	80.9	93.2	100.6	-	-	95.0	111.7	118.7	-	-
All other support services.....	56199	102.2	107.1	111.1	-	-	140.4	149.6	149.7	-	-
Waste management and remediation services.....	562	125.3	126.0	125.8	-	-	159.4	163.1	164.0	-	-
Waste collection.....	5621	146.7	153.3	153.2	-	-	191.3	207.8	206.6	-	-
Waste treatment and disposal.....	5622	89.9	89.6	91.2	-	-	134.4	134.7	138.5	-	-
Remediation and other waste services.....	5629	143.4	136.8	137.0	-	-	157.8	152.6	155.8	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Education and health services.....		133.8	137.2	137.4	137.8	0.3	196.7	204.3	204.8	205.8	0.5
Health care and social assistance.....	62	135.9	138.9	140.0	—	—	201.4	209.0	211.0	—	—
Health care ⁵	621,2,3	132.1	135.5	136.2	—	—	200.6	208.5	209.9	—	—
Ambulatory health care services.....	621	150.6	156.0	157.1	—	—	227.1	238.7	241.2	—	—
Offices of physicians.....	6211	132.7	135.6	136.5	—	—	228.4	235.6	238.4	—	—
Offices of physicians, except mental health.....	621111	132.7	135.5	136.8	—	—	229.4	236.3	239.6	—	—
Offices of mental health physicians.....	621112	127.1	118.6	114.8	—	—	172.3	164.7	161.8	—	—
Offices of dentists.....	6212	125.2	129.1	130.0	—	—	169.3	180.0	182.5	—	—
Offices of other health practitioners.....	6213	161.2	170.3	171.2	—	—	230.5	245.5	247.8	—	—
Offices of chiropractors.....	62131	131.7	135.3	137.7	—	—	185.6	189.3	198.0	—	—
Offices of optometrists.....	62132	153.5	151.2	149.9	—	—	217.6	218.3	217.3	—	—
Offices of mental health practitioners.....	62133	108.1	118.1	117.6	—	—	131.0	142.8	147.6	—	—
Offices of specialty therapists.....	62134	182.6	194.4	196.4	—	—	263.6	277.7	281.9	—	—
Offices of all other health practitioners.....	62139	199.0	225.5	225.0	—	—	282.4	327.2	321.2	—	—
Outpatient care centers.....	6214	194.6	204.0	205.8	—	—	286.9	305.0	308.7	—	—
Outpatient mental health centers.....	62142	162.6	165.4	164.1	—	—	203.5	213.1	213.8	—	—
Outpatient care centers, except mental health.....	62141,9	211.0	224.1	228.0	—	—	323.6	345.9	351.6	—	—
Freestanding emergency medical centers.....	621493	201.0	207.0	211.5	—	—	323.2	320.6	324.3	—	—
Miscellaneous outpatient care centers.....	621410,98	202.9	217.8	221.4	—	—	307.7	334.1	339.8	—	—
Medical and diagnostic laboratories.....	6215	152.7	151.9	152.3	—	—	213.6	219.4	221.4	—	—
Medical laboratories.....	621511	154.5	154.6	153.9	—	—	215.3	231.2	232.0	—	—
Diagnostic imaging centers.....	621512	146.2	144.7	148.5	—	—	205.6	190.8	196.9	—	—
Home health care services.....	6216	193.3	205.8	208.2	—	—	251.9	278.5	280.4	—	—
Other ambulatory health care services.....	6219	154.3	155.7	155.2	—	—	225.1	232.3	231.8	—	—
Ambulance services.....	62191	158.0	163.8	162.4	—	—	223.9	232.7	228.2	—	—
All other ambulatory health care services.....	62199	149.6	144.7	144.7	—	—	227.5	233.5	236.2	—	—
Hospitals.....	622	124.0	127.1	128.0	—	—	197.7	203.5	204.9	—	—
General medical and surgical hospitals.....	6221	121.3	124.3	124.8	—	—	195.5	200.6	201.3	—	—
Nursing and residential care facilities.....	623	117.5	118.5	118.6	—	—	152.0	157.5	158.2	—	—
Nursing care facilities.....	6231	103.3	103.4	103.8	—	—	135.4	140.0	141.3	—	—
Residential mental health facilities.....	6232	126.5	128.7	128.5	—	—	164.8	171.6	171.8	—	—
Residential intellectual and developmental disability facilities.....	62321	120.1	120.8	120.5	—	—	149.1	154.5	154.1	—	—
Residential mental health and substance abuse facilities.....	62322	141.7	147.2	147.7	—	—	196.2	206.6	208.8	—	—
Community care facilities for the elderly.....	6233	160.3	163.0	162.8	—	—	209.0	217.4	216.9	—	—
Continuing care retirement communities.....	623311	192.2	195.0	194.9	—	—	254.1	263.2	264.0	—	—
Assisted living facilities for the elderly.....	623312	133.6	135.9	136.7	—	—	167.2	174.6	173.7	—	—
Other residential care facilities.....	6239	92.0	93.4	94.1	—	—	118.5	121.7	123.8	—	—
Social assistance.....	624	154.6	158.4	158.4	—	—	202.0	212.3	213.7	—	—
Individual and family services.....	6241	208.5	212.4	212.9	—	—	262.7	276.7	279.1	—	—
Child and youth services.....	62411	126.5	125.3	125.8	—	—	171.7	176.1	178.4	—	—
Services for the elderly and persons with disabilities.....	62412	266.4	270.5	270.7	—	—	339.7	360.6	362.0	—	—
Other individual and family services.....	62419	132.1	137.3	137.7	—	—	185.8	195.0	197.1	—	—
Emergency and other relief services.....	6242	122.6	128.2	127.4	—	—	171.0	184.2	184.7	—	—
Vocational rehabilitation services.....	6243	88.3	88.5	88.5	—	—	119.4	117.6	117.9	—	—
Child day care services.....	6244	120.3	126.7	124.7	—	—	158.1	169.9	168.7	—	—
Leisure and hospitality.....		123.1	124.5	124.9	124.9	0.0	174.8	182.8	184.1	184.3	0.1
Arts, entertainment, and recreation.....	71	113.2	115.1	112.9	—	—	153.0	162.3	160.6	—	—
Performing arts and spectator sports.....	711	124.2	125.3	120.4	—	—	171.4	190.3	185.5	—	—
Performing arts companies.....	7111	107.2	102.4	102.7	—	—	182.6	196.4	200.0	—	—
Spectator sports.....	7112	114.0	108.3	105.9	—	—	138.0	150.7	148.3	—	—
Arts and sports promoters and agents and managers for public figures.....	7113,4	174.5	199.3	182.8	—	—	219.5	260.2	254.5	—	—
Independent artists, writers, and performers.....	7115	124.0	123.6	120.1	—	—	199.7	190.0	188.9	—	—
Museums, historical sites, and similar institutions.....	712	122.5	126.1	126.7	—	—	166.5	174.1	173.6	—	—

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept.2016 - Oct.2016 ^P
Museums.....	71211	112.4	118.4	116.0	-	-	147.0	163.2	157.6	-	-
Historical sites and other similar institutions.....	71212,3,9	139.4	139.8	142.6	-	-	206.4	201.6	203.8	-	-
Amusements, gambling, and recreation.....	713	108.9	110.2	108.8	-	-	143.0	148.3	146.8	-	-
Gambling industries.....	7132	95.6	96.4	95.9	-	-	140.7	147.2	146.1	-	-
Golf courses and country clubs.....	71391	115.2	118.0	117.0	-	-	150.4	160.7	159.7	-	-
Skiing facilities.....	71392	155.3	164.9	166.3	-	-	246.6	275.2	278.5	-	-
Marinas.....	71393	111.7	106.0	103.9	-	-	156.9	156.1	156.2	-	-
Fitness and recreational sports centers.....	71394	102.7	98.7	100.2	-	-	121.4	124.1	126.7	-	-
Bowling centers.....	71395	75.7	73.3	72.5	-	-	99.6	100.3	96.8	-	-
Accommodation and food services.....	72	125.3	126.2	127.0	-	-	180.7	188.2	190.0	-	-
Accommodation.....	721	107.1	107.5	107.4	-	-	149.7	152.2	152.4	-	-
Traveler accommodation.....	7211	106.4	106.4	106.5	-	-	149.1	151.1	151.6	-	-
Hotels and motels, except casino hotels.....	72111	110.1	110.3	110.6	-	-	156.0	158.2	158.6	-	-
RV parks and recreational camps.....	7212	139.6	148.1	141.9	-	-	185.1	201.7	185.3	-	-
Food services and drinking places.....	722	129.5	130.7	132.0	-	-	190.0	199.3	202.1	-	-
Special food services.....	7223	131.8	123.2	125.4	-	-	186.6	176.7	178.4	-	-
Food service contractors.....	72231	133.5	121.6	123.9	-	-	183.5	167.8	169.7	-	-
Caterers and mobile food services.....	72232,3	127.3	126.6	128.2	-	-	197.1	206.4	206.5	-	-
Drinking places, alcoholic beverages.....	7224	92.6	94.1	94.3	-	-	147.0	165.8	167.2	-	-
Restaurants and other eating places.....	7225	130.9	133.3	134.2	-	-	192.1	203.5	205.8	-	-
Full-service restaurants.....	722511	128.4	129.8	130.0	-	-	198.7	208.8	210.2	-	-
Limited-service restaurants.....	722513	131.7	135.4	136.1	-	-	179.4	192.8	195.6	-	-
Cafeterias, grill buffets, and buffets.....	722514	83.9	80.5	82.2	-	-	108.5	106.8	109.3	-	-
Snack and nonalcoholic beverage bars.....	722515	186.3	192.5	195.3	-	-	259.5	276.5	280.3	-	-
Other services.....	81	100.9	102.2	102.5	102.4	-0.1	140.7	143.5	144.2	144.8	0.4
Repair and maintenance.....	811	106.8	106.6	107.0	-	-	142.7	143.5	144.5	-	-
Automotive repair and maintenance.....	8111	103.4	105.4	105.8	-	-	136.8	140.7	141.7	-	-
Automotive mechanical and electrical repair.....	81111	103.2	104.0	103.8	-	-	135.7	138.0	138.3	-	-
General automotive repair.....	811111	116.2	116.9	116.8	-	-	150.3	152.6	153.1	-	-
Automotive body, interior, and glass repair.....	811112	100.4	104.2	104.9	-	-	135.1	140.7	141.9	-	-
Other automotive repair and maintenance.....	811119	108.3	110.1	112.8	-	-	143.2	148.7	153.6	-	-
Car washes.....	8111192	116.1	117.8	121.9	-	-	155.4	161.1	166.4	-	-
Auto oil change shops and all other auto repair and maintenance.....	8111191,8	97.4	98.9	99.4	-	-	128.7	133.9	137.6	-	-
Electronic equipment repair and maintenance.....	8112	101.2	91.6	92.5	-	-	132.4	120.8	121.5	-	-
Computer and office machine repair.....	811212	88.6	79.2	77.2	-	-	112.1	102.2	101.3	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	110.7	101.5	105.0	-	-	146.6	135.3	136.6	-	-
Commercial machinery repair and maintenance.....	8113	135.2	134.9	136.6	-	-	185.7	189.6	191.7	-	-
Household goods repair and maintenance.....	8114	88.2	78.2	76.2	-	-	109.6	95.6	93.9	-	-
Personal and laundry services.....	812	103.6	105.3	105.2	-	-	140.8	146.0	145.8	-	-
Personal care services.....	8121	119.1	122.8	121.5	-	-	174.2	182.6	180.6	-	-
Hair, nail, and skin care services.....	81211	109.1	112.2	110.1	-	-	153.7	161.7	160.1	-	-
Other personal care services.....	81219	194.4	204.4	205.6	-	-	342.8	359.3	340.8	-	-
Death care services.....	8122	91.0	93.4	93.4	-	-	121.6	128.9	133.3	-	-
Drycleaning and laundry services.....	8123	78.3	79.7	79.7	-	-	99.7	105.7	102.8	-	-
Coin-operated laundries and drycleaners.....	81231	76.4	80.5	82.0	-	-	90.8	100.1	103.3	-	-
Drycleaning and laundry services, except coin-operated.....	81232	64.4	64.2	64.3	-	-	82.9	86.2	86.3	-	-
Linen and uniform supply.....	81233	97.2	99.9	99.9	-	-	118.4	126.1	120.5	-	-
Other personal services.....	8129	125.5	124.3	124.5	-	-	152.6	151.0	152.1	-	-
Pet care services, except veterinary.....	81291	297.0	299.7	301.6	-	-	332.7	332.4	342.9	-	-
Parking lots and garages.....	81293	133.8	129.4	127.5	-	-	164.7	164.2	162.6	-	-
Membership associations and organizations.....	813	97.4	98.8	99.4	-	-	140.7	142.8	143.8	-	-
Grantmaking and giving services.....	8132	139.3	136.3	138.4	-	-	257.3	241.5	242.9	-	-
Grantmaking foundations.....	813211	240.6	238.4	244.5	-	-	446.5	418.2	420.0	-	-
Social advocacy organizations.....	8133	113.3	120.6	120.3	-	-	171.6	191.2	193.8	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^p	Oct. 2016 ^p	Percent change from: Sept.2016 - Oct.2016 ^p	Oct. 2015	Aug. 2016	Sept. 2016 ^p	Oct. 2016 ^p	Percent change from: Sept.2016 - Oct.2016 ^p
Human rights organizations.....	813311	111.1	109.6	108.6	—	—	148.9	158.2	159.5	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	114.0	124.0	123.2	—	—	179.9	202.6	204.5	—	—
Civic and social organizations.....	8134	78.8	80.3	81.3	—	—	101.0	107.4	109.1	—	—
Professional and similar organizations.....	8139	92.6	101.2	102.2	—	—	135.5	147.2	149.1	—	—
Business associations.....	81391	92.4	100.3	102.4	—	—	134.4	148.2	151.0	—	—
Professional organizations.....	81392	139.4	136.4	133.8	—	—	211.7	208.8	205.7	—	—
Labor unions and similar labor organizations.....	81393	74.8	81.2	82.9	—	—	106.8	112.9	115.7	—	—
Miscellaneous professional and similar organizations. . .	81394,9	87.8	105.2	104.6	—	—	132.8	164.4	164.2	—	—

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.

p Preliminary