

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Total private.....		111.3	113.1	112.5	112.6	0.1	157.1	163.2	162.6	163.2	0.4
Goods-producing.....		88.5	89.1	88.3	88.5	0.2	119.2	123.6	122.7	123.4	0.6
Mining and logging.....		137.4	115.8	113.6	114.6	0.9	213.3	182.2	179.3	181.2	1.1
Logging.....	1133	76.2	75.2	72.6	-	-	108.1	109.2	104.7	-	-
Mining.....	21	146.2	121.7	119.3	-	-	226.0	191.2	188.0	-	-
Oil and gas extraction.....	211	172.1	144.1	139.9	-	-	273.4	253.5	248.6	-	-
Mining, except oil and gas.....	212	93.3	83.9	85.3	-	-	136.3	120.0	121.3	-	-
Coal mining.....	2121	84.5	68.1	69.4	-	-	128.4	98.2	99.7	-	-
Stone mining and quarrying.....	21231	81.8	81.8	81.7	-	-	107.2	113.0	111.0	-	-
Crushed and broken limestone mining.....	212312	75.1	78.0	74.7	-	-	106.4	111.3	105.8	-	-
Other stone mining and quarrying.....	212311,3,9	91.0	86.0	90.5	-	-	108.7	114.1	116.8	-	-
Support activities for mining.....	213	196.3	154.3	150.8	-	-	325.6	253.8	250.5	-	-
Support activities for oil and gas operations.....	213112	218.6	169.1	163.7	-	-	403.5	305.1	295.5	-	-
Construction.....	23	96.2	99.8	98.9	100.0	1.1	129.7	140.5	139.7	141.7	1.4
Construction of buildings.....	236	85.2	90.8	89.2	-	-	118.5	132.0	129.3	-	-
Residential building.....	2361	80.6	87.1	86.5	-	-	109.8	123.5	122.4	-	-
New single-family general contractors.....	236115	63.5	67.0	67.1	-	-	89.2	95.9	96.0	-	-
Residential remodelers.....	236118	114.8	124.7	123.8	-	-	147.8	171.3	168.7	-	-
Nonresidential building.....	2362	89.4	94.2	91.2	-	-	125.8	138.7	134.3	-	-
Industrial building.....	23621	80.2	83.2	80.7	-	-	117.1	124.8	121.7	-	-
Commercial building.....	23622	93.0	98.3	94.9	-	-	129.3	143.9	138.6	-	-
Heavy and civil engineering construction.....	237	97.0	99.1	96.0	-	-	140.8	152.0	146.7	-	-
Utility system construction.....	2371	123.8	119.4	115.9	-	-	190.7	194.0	186.8	-	-
Water and sewer system construction.....	23711	85.0	90.9	89.6	-	-	115.7	128.6	126.8	-	-
Oil and gas pipeline construction.....	23712	174.5	156.3	147.7	-	-	298.0	291.3	273.0	-	-
Power and communication system construction.....	23713	136.7	133.3	131.2	-	-	215.8	221.3	214.8	-	-
Land subdivision.....	2372	21.6	20.9	22.1	-	-	36.0	41.1	43.1	-	-
Highway, street, and bridge construction.....	2373	85.3	95.2	92.2	-	-	113.9	134.2	129.2	-	-
Other heavy construction.....	2379	87.1	84.6	81.9	-	-	123.4	124.4	121.2	-	-
Specialty trade contractors.....	238	98.6	102.6	101.9	-	-	129.4	140.2	139.5	-	-
Building foundation and exterior contractors.....	2381	90.4	95.0	94.7	-	-	118.1	126.5	126.5	-	-
Poured concrete structure contractors.....	23811	99.1	111.9	109.9	-	-	139.9	161.1	160.7	-	-
Steel and precast concrete contractors.....	23812	87.8	93.6	92.9	-	-	126.7	125.5	123.8	-	-
Framing contractors.....	23813	64.1	61.8	60.9	-	-	76.1	75.4	73.1	-	-
Masonry contractors.....	23814	66.9	71.5	71.0	-	-	86.1	89.1	90.7	-	-
Glass and glazing contractors.....	23815	110.2	122.6	121.1	-	-	133.6	161.4	162.6	-	-
Roofing contractors.....	23816	102.2	115.0	111.9	-	-	131.1	157.8	151.8	-	-
Siding contractors.....	23817	115.3	102.7	114.4	-	-	181.4	174.5	200.1	-	-
Other building exterior contractors.....	23819	127.8	144.0	145.9	-	-	155.6	178.7	179.9	-	-
Building equipment contractors.....	2382	104.2	111.7	111.3	-	-	134.8	151.9	151.9	-	-
Electrical contractors.....	23821	92.7	101.3	100.7	-	-	121.6	141.3	140.5	-	-
Plumbing and HVAC contractors.....	23822	114.7	119.7	120.1	-	-	148.9	159.1	160.8	-	-
Other building equipment contractors.....	23829	130.7	134.6	134.9	-	-	158.2	177.6	181.1	-	-
Building finishing contractors.....	2383	84.9	88.0	86.8	-	-	112.7	120.3	118.6	-	-
Drywall and insulation contractors.....	23831	73.7	74.3	72.3	-	-	99.4	103.9	101.9	-	-
Painting and wall covering contractors.....	23832	85.8	91.6	91.9	-	-	107.1	116.7	117.2	-	-
Flooring contractors.....	23833	85.2	89.9	88.2	-	-	114.0	121.3	117.0	-	-
Tile and terrazzo contractors.....	23834	118.9	113.0	107.3	-	-	165.3	166.6	157.4	-	-
Finish carpentry contractors.....	23835	93.2	98.6	98.5	-	-	127.2	139.0	138.5	-	-
Other building finishing contractors.....	23839	97.9	105.2	103.2	-	-	135.2	158.7	155.8	-	-
Other specialty trade contractors.....	2389	111.2	107.3	106.7	-	-	146.7	148.4	148.5	-	-
Site preparation contractors.....	23891	107.9	108.4	107.4	-	-	138.6	149.3	148.6	-	-
All other specialty trade contractors.....	23899	113.4	105.1	104.9	-	-	153.9	145.9	146.2	-	-
Manufacturing.....		82.8	83.1	82.5	82.2	-0.4	108.7	111.3	110.9	110.6	-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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Durable goods.....		84.0	84.3	83.4	83.3	-0.1	110.5	113.1	112.3	112.2	-0.1
Wood products.....	321	69.8	69.8	69.3	69.2	-0.1	92.7	95.9	95.1	95.3	0.2
Sawmills and wood preservation.....	3211	73.3	72.2	71.7	-	-	92.6	97.5	97.1	-	-
Plywood and engineered wood products.....	3212	69.9	72.4	70.1	-	-	96.0	101.8	98.3	-	-
Other wood products.....	3219	67.7	67.6	67.8	-	-	90.1	92.5	92.7	-	-
Millwork.....	32191	65.6	64.1	64.1	-	-	86.6	87.1	86.4	-	-
Wood windows and doors.....	321911	61.9	61.4	61.5	-	-	89.2	90.7	90.2	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	68.2	67.4	66.5	-	-	83.3	84.7	82.8	-	-
Wood containers and pallets.....	32192	91.1	86.0	88.8	-	-	129.9	131.1	134.8	-	-
All other wood products.....	32199	56.5	60.2	59.8	-	-	74.6	78.8	79.9	-	-
Nonmetallic mineral products.....	327	74.3	75.4	74.0	74.2	0.3	96.8	99.7	97.8	98.2	0.4
Cement and concrete products.....	3273	77.6	82.5	81.1	-	-	105.8	110.3	108.1	-	-
Ready-mix concrete.....	32732	71.7	77.1	74.5	-	-	97.5	101.7	98.0	-	-
Other cement and concrete products.....	32731,3,9	83.5	89.4	88.0	-	-	115.5	122.9	121.2	-	-
Primary metals.....	331	78.7	76.1	75.2	73.9	-1.7	100.7	99.6	98.8	98.2	-0.6
Foundries.....	3315	69.3	64.0	62.7	-	-	87.0	81.9	80.5	-	-
Fabricated metal products.....	332	95.5	93.8	93.1	93.3	0.2	124.0	126.1	125.1	125.6	0.4
Forging and stamping.....	3321	92.4	94.0	91.4	-	-	114.2	126.2	120.8	-	-
Architectural and structural metals.....	3323	95.0	96.2	95.3	-	-	123.4	127.5	126.2	-	-
Plate work and fabricated structural products.....	33231	96.8	95.2	95.0	-	-	131.9	132.6	131.1	-	-
Fabricated structural metal products.....	332312	100.9	100.1	99.8	-	-	140.5	139.6	137.9	-	-
Ornamental and architectural metal products.....	33232	94.4	96.6	95.5	-	-	117.5	123.4	122.3	-	-
Sheet metal work.....	332322	112.5	112.3	112.0	-	-	135.9	141.0	139.9	-	-
Boilers, tanks, and shipping containers.....	3324	115.6	101.0	98.1	-	-	145.7	136.2	131.8	-	-
Machine shops and threaded products.....	3327	117.1	113.9	112.6	-	-	148.7	147.5	145.9	-	-
Machine shops.....	33271	124.4	121.5	120.5	-	-	159.5	160.2	158.7	-	-
Turned products and screws, nuts, and bolts.....	33272	98.9	94.8	93.8	-	-	119.6	114.7	113.9	-	-
Coating, engraving, and heat treating metals.....	3328	93.4	90.4	90.5	-	-	123.9	120.2	121.8	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	118.7	111.0	111.6	-	-	152.9	145.2	148.1	-	-
Electroplating, anodizing, and coloring metals.....	332813	72.6	73.4	72.9	-	-	98.2	99.4	99.0	-	-
Other fabricated metal products.....	3329	94.3	92.6	92.4	-	-	125.8	129.9	129.5	-	-
Metal valves.....	33291	86.3	80.5	81.5	-	-	119.7	117.3	118.6	-	-
All other fabricated metal products.....	33299	98.6	98.7	98.2	-	-	128.8	135.7	135.1	-	-
Machinery.....	333	92.8	91.6	91.5	91.4	-0.1	124.8	126.0	126.2	126.1	-0.1
Agricultural, construction, and mining machinery.....	3331	113.3	104.0	103.2	-	-	161.6	146.7	148.7	-	-
Farm machinery and equipment.....	333111	100.4	87.8	88.5	-	-	136.2	123.9	128.0	-	-
Industrial machinery.....	3332	88.1	91.7	91.4	-	-	126.7	131.3	129.5	-	-
Commercial and service industry machinery.....	3333	72.7	76.3	74.9	-	-	112.8	119.7	116.9	-	-
HVAC and commercial refrigeration equipment.....	3334	84.3	85.0	85.4	-	-	111.4	114.4	117.0	-	-
Metalworking machinery.....	3335	88.2	85.4	85.4	-	-	109.8	110.6	111.4	-	-
Special tools, dies, jigs, and fixtures.....	333514	82.5	77.4	76.8	-	-	106.9	102.9	102.4	-	-
Turbine and power transmission equipment.....	3336	80.6	78.7	80.3	-	-	93.5	100.0	101.7	-	-
Other general purpose machinery.....	3339	102.1	103.0	103.1	-	-	140.7	144.8	143.6	-	-
Computer and electronic products.....	334	82.2	82.4	82.0	81.6	-0.5	118.6	122.0	123.5	123.7	0.2
Communications equipment.....	3342	53.8	58.8	57.0	-	-	72.2	74.2	72.8	-	-
Semiconductors and electronic components.....	3344	71.9	72.3	71.1	-	-	98.3	99.5	99.1	-	-
Semiconductors and related devices.....	334413	71.3	70.6	72.0	-	-	119.2	116.6	118.5	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	75.8	70.2	67.7	-	-	97.2	96.7	94.5	-	-
Electronic instruments.....	3345	126.6	123.8	124.9	-	-	208.0	209.4	213.3	-	-
Electrical equipment and appliances.....	335	77.0	78.8	78.6	77.7	-1.1	104.5	108.9	108.5	108.7	0.2
Electrical equipment.....	3353	90.3	87.5	87.3	-	-	117.1	121.3	121.6	-	-
Other electrical equipment and components.....	3359	85.8	87.8	87.4	-	-	119.9	122.4	121.0	-	-
Transportation equipment.....	336	89.2	90.7	89.5	89.0	-0.6	108.7	110.4	109.1	107.7	-1.3
Motor vehicles and parts ⁴	3361,2,3	79.9	83.3	81.9	81.4	-0.6	82.0	86.6	84.7	83.5	-1.4
Motor vehicles.....	3361	77.2	79.9	79.5	-	-	78.4	86.0	85.4	-	-

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Motor vehicle bodies and trailers.....	3362	105.8	105.4	105.1	—	—	120.6	117.5	117.3	—	—
Motor vehicle parts.....	3363	76.3	80.3	78.7	—	—	78.2	82.4	79.8	—	—
Motor vehicle gasoline engine and parts.....	33631	71.1	75.0	71.5	—	—	81.4	81.5	77.9	—	—
Motor vehicle power train components.....	33635	83.5	91.2	88.4	—	—	81.9	92.3	86.9	—	—
Motor vehicle metal stamping.....	33637	83.4	82.5	83.2	—	—	82.2	81.6	83.0	—	—
All other motor vehicle parts.....	33639	85.2	86.9	85.8	—	—	94.0	96.8	94.0	—	—
Aerospace products and parts.....	3364	127.0	127.5	126.3	—	—	211.4	209.5	208.1	—	—
Aircraft.....	336411	121.3	120.4	120.1	—	—	186.3	184.4	184.5	—	—
Furniture and related products.....	337	60.9	60.7	60.5	60.3	-0.3	78.4	80.9	81.1	80.9	-0.2
Household and institutional furniture.....	3371	57.5	58.2	58.2	—	—	74.2	78.4	78.4	—	—
Wood kitchen cabinets and countertops.....	33711	71.6	72.0	72.8	—	—	91.4	95.8	97.6	—	—
Other household and institutional furniture.....	33712	49.2	50.1	49.9	—	—	63.6	67.3	66.5	—	—
Upholstered household furniture.....	337121	70.4	74.2	74.3	—	—	83.3	92.7	92.5	—	—
Miscellaneous durable goods manufacturing.....	339	84.5	88.0	86.9	87.0	0.1	116.2	125.3	124.6	125.0	0.3
Medical equipment and supplies.....	3391	105.8	114.4	112.2	—	—	142.0	159.3	159.0	—	—
Surgical appliances and supplies.....	339113	113.6	109.8	106.2	—	—	149.8	143.4	140.6	—	—
Dental laboratories.....	339116	79.9	78.3	77.5	—	—	115.4	108.7	109.0	—	—
Other miscellaneous durable goods manufacturing... ..	3399	68.9	68.6	68.5	—	—	95.5	97.4	97.2	—	—
Signs.....	33995	95.8	91.5	90.4	—	—	122.8	121.6	120.0	—	—
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.3	69.1	69.0	—	—	96.1	100.2	100.6	—	—
Nondurable goods.....		80.9	81.1	80.7	80.6	-0.1	105.5	108.0	107.8	107.8	0.0
Food manufacturing.....	311	101.7	104.1	103.9	102.7	-1.2	130.6	136.9	137.3	136.3	-0.7
Sugar and confectionery products.....	3113	80.8	80.3	75.8	—	—	88.6	88.8	86.0	—	—
Fruit and vegetable preserving and specialty.....	3114	88.7	92.4	92.3	—	—	116.4	120.7	121.6	—	—
Frozen food.....	31141	83.4	91.3	93.2	—	—	114.0	123.7	126.6	—	—
Fruit and vegetable canning and drying.....	31142	94.8	91.9	93.2	—	—	118.2	115.4	119.8	—	—
Dairy products.....	3115	108.7	112.6	113.0	—	—	149.5	156.6	157.1	—	—
Animal slaughtering and processing.....	3116	99.5	100.0	100.0	—	—	130.0	132.8	133.4	—	—
Poultry processing.....	311615	99.1	99.8	99.5	—	—	127.4	130.9	132.4	—	—
Seafood product preparation and packaging.....	3117	82.7	107.9	109.1	—	—	120.8	155.1	156.9	—	—
Bakeries and tortilla manufacturing.....	3118	104.1	102.0	102.0	—	—	130.8	134.2	134.4	—	—
Textile mills.....	313	38.0	37.6	37.1	37.4	0.8	48.1	50.7	49.6	49.4	-0.4
Textile product mills.....	314	51.6	53.8	53.2	53.8	1.1	63.3	67.7	66.9	68.3	2.1
Apparel.....	315	37.7	34.3	34.0	34.2	0.6	56.4	51.1	50.6	51.0	0.8
Paper and paper products.....	322	66.5	67.1	66.4	66.3	-0.2	86.8	86.1	86.3	85.3	-1.2
Pulp, paper, and paperboard mills.....	3221	63.8	61.0	60.3	—	—	82.2	77.2	77.8	—	—
Converted paper products.....	3222	67.6	69.9	69.2	—	—	89.3	91.8	91.8	—	—
Paperboard containers.....	32221	69.4	70.7	70.4	—	—	90.1	91.8	92.0	—	—
Corrugated and solid fiber boxes.....	322211	69.0	69.6	69.4	—	—	84.1	89.2	88.3	—	—
Paper bags and coated and treated paper.....	32222	70.8	69.8	68.3	—	—	91.2	92.3	90.9	—	—
Printing and related support activities.....	323	65.2	63.5	62.8	63.1	0.5	80.3	79.4	79.2	78.9	-0.4
Petroleum and coal products.....	324	103.9	103.2	102.6	103.8	1.2	174.9	175.9	176.3	181.4	2.9
Chemicals.....	325	96.3	97.0	96.6	97.1	0.5	117.7	124.6	124.2	124.3	0.1
Basic chemicals.....	3251	90.3	88.1	87.4	—	—	111.3	113.9	111.5	—	—
Resin, rubber, and artificial fibers.....	3252	87.0	82.2	83.8	—	—	112.7	115.1	117.5	—	—
Pharmaceuticals and medicines.....	3254	126.8	129.0	128.4	—	—	162.4	163.3	162.6	—	—
Soaps, cleaning compounds, and toiletries.....	3256	91.3	90.1	87.6	—	—	108.3	107.7	104.9	—	—
Plastics and rubber products.....	326	83.6	83.3	83.1	83.3	0.2	105.2	105.5	105.3	106.0	0.7
Plastics products.....	3261	86.4	86.0	84.9	—	—	114.1	114.4	113.1	—	—
Plastics packaging materials, film, and sheet.....	32611	104.9	104.6	105.0	—	—	127.6	126.3	127.9	—	—
Foam products.....	32614,5	104.9	111.6	107.7	—	—	130.6	142.7	138.9	—	—
Other plastics products.....	32619	78.7	77.0	76.8	—	—	107.8	106.9	106.4	—	—
Rubber products.....	3262	75.0	74.3	76.9	—	—	81.8	81.5	83.8	—	—
Miscellaneous nondurable goods manufacturing.....	312,6	98.4	94.9	95.3	97.4	2.2	117.5	116.6	117.5	119.5	1.7
Private service-providing.....		117.3	119.5	119.2	119.4	0.2	168.5	175.1	175.1	175.8	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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Trade, transportation, and utilities.....		106.9	107.6	107.1	107.2	0.1	143.0	145.9	145.2	145.9	0.5
Wholesale trade.....	42	107.0	108.1	107.9	108.1	0.2	149.3	154.4	153.7	155.1	0.9
Durable goods.....	423	100.0	100.6	100.8	—	—	132.5	138.4	138.4	—	—
Motor vehicles and parts.....	4231	99.7	100.6	100.8	—	—	134.9	131.0	130.1	—	—
Motor vehicles.....	42311	97.6	98.1	98.2	—	—	129.9	128.3	127.3	—	—
New motor vehicle parts.....	42312	94.7	96.5	96.2	—	—	130.2	127.9	126.4	—	—
Furniture and furnishings.....	4232	92.0	89.4	90.1	—	—	109.1	112.8	113.3	—	—
Lumber and construction supplies.....	4233	92.5	100.6	101.1	—	—	127.6	141.1	142.0	—	—
Lumber and wood.....	42331	82.5	88.7	89.8	—	—	114.3	127.3	131.5	—	—
Masonry materials.....	42332	101.0	102.4	102.4	—	—	125.7	136.0	136.4	—	—
Roofing, siding, and other construction materials.....	42333,9	109.3	130.2	128.4	—	—	162.8	183.6	176.5	—	—
Commercial equipment.....	4234	92.8	94.1	95.0	—	—	116.6	129.5	129.7	—	—
Office equipment.....	42342	73.2	70.6	70.6	—	—	98.3	103.5	102.5	—	—
Computer and software.....	42343	79.1	83.3	84.0	—	—	95.1	111.3	112.0	—	—
Medical equipment.....	42345	128.2	124.3	125.9	—	—	173.3	180.3	180.9	—	—
Miscellaneous professional and commercial equipment.....	42341,4,6,9	102.1	107.2	110.8	—	—	141.3	158.5	163.9	—	—
Metals and minerals.....	4235	102.3	99.7	99.4	—	—	138.5	138.8	138.4	—	—
Electric goods.....	4236	93.7	95.2	95.2	—	—	127.0	131.3	131.1	—	—
Electrical equipment and wiring.....	42361	105.5	106.9	106.3	—	—	143.4	147.3	148.9	—	—
Electric appliances and other electronic parts.....	42362,9	83.2	84.7	85.7	—	—	113.0	116.5	116.4	—	—
Hardware and plumbing.....	4237	106.4	108.7	107.5	—	—	148.9	157.4	157.9	—	—
Hardware.....	42371	107.5	110.4	109.6	—	—	161.6	169.0	166.3	—	—
Plumbing equipment.....	42372	108.3	114.8	114.2	—	—	162.2	173.9	176.1	—	—
HVAC and refrigeration equipment.....	42373,4	103.9	101.3	98.5	—	—	126.7	133.3	133.4	—	—
Machinery and supplies.....	4238	105.6	105.3	105.6	—	—	143.2	147.4	148.3	—	—
Construction equipment.....	42381	108.2	109.5	107.8	—	—	135.9	142.5	137.1	—	—
Farm and garden equipment.....	42382	103.1	105.4	106.3	—	—	154.0	171.6	169.6	—	—
Industrial machinery.....	42383	105.0	102.6	103.2	—	—	144.4	145.9	148.0	—	—
Industrial supplies.....	42384	125.8	128.3	128.5	—	—	170.0	178.3	177.9	—	—
Miscellaneous durable goods.....	4239	114.7	110.5	109.4	—	—	163.5	158.1	155.3	—	—
Sporting goods.....	42391	104.5	97.0	95.4	—	—	139.1	133.1	132.7	—	—
Recyclable materials.....	42393	114.6	112.2	111.2	—	—	142.8	147.2	146.9	—	—
Nondurable goods.....	424	105.2	106.7	105.9	—	—	144.8	147.7	146.4	—	—
Paper and paper products.....	4241	83.6	82.7	83.0	—	—	124.4	118.2	117.6	—	—
Druggists' goods.....	4242	89.8	86.2	87.2	—	—	130.5	128.8	127.7	—	—
Apparel and piece goods.....	4243	104.0	106.9	107.3	—	—	149.5	144.0	143.1	—	—
Grocery and related products.....	4244	113.1	114.5	113.7	—	—	151.0	156.0	155.3	—	—
General line grocery.....	42441	108.9	112.7	112.6	—	—	146.4	152.7	151.4	—	—
Fruits and vegetables.....	42448	144.6	142.7	140.5	—	—	187.4	195.7	192.7	—	—
Farm product raw materials.....	4245	107.8	110.7	104.5	—	—	160.1	168.1	160.9	—	—
Chemicals.....	4246	103.6	101.4	103.5	—	—	130.9	134.8	136.2	—	—
Petroleum.....	4247	100.7	103.4	102.6	—	—	154.0	162.5	159.2	—	—
Alcoholic beverages.....	4248	145.7	149.0	149.1	—	—	192.6	192.1	193.6	—	—
Misc. nondurable goods.....	4249	93.8	98.1	97.3	—	—	128.3	135.4	134.5	—	—
Farm supplies.....	42491	107.0	106.7	107.6	—	—	143.2	145.4	147.4	—	—
Nursery stock and florists' supplies.....	42493	70.2	77.9	79.2	—	—	105.8	109.8	111.7	—	—
Electronic markets and agents and brokers.....	425	149.6	150.6	151.0	—	—	235.1	242.3	242.2	—	—
Business to business electronic markets.....	42511	44.5	47.2	46.1	—	—	63.5	68.3	67.1	—	—
Wholesale trade agents and brokers.....	42512	165.6	166.2	165.6	—	—	254.9	261.9	260.4	—	—
Retail trade.....		101.8	102.1	101.5	101.6	0.1	130.9	131.5	130.5	130.9	0.3
Motor vehicle and parts dealers.....	441	110.7	112.9	113.0	—	—	133.6	136.5	136.5	—	—
Automobile dealers.....	4411	109.8	112.3	112.4	—	—	127.5	130.0	130.2	—	—
New car dealers.....	44111	105.1	107.4	107.1	—	—	121.4	123.8	123.6	—	—
Used car dealers.....	44112	168.6	177.3	179.7	—	—	229.7	242.4	244.5	—	—
Other motor vehicle dealers.....	4412	109.1	111.1	110.7	—	—	144.9	150.6	152.2	—	—

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Auto parts, accessories, and tire stores.....	4413	113.5	114.8	115.1	-	-	153.9	156.6	155.7	-	-
Automotive parts and accessories stores.....	44131	112.7	113.1	112.9	-	-	161.9	161.8	158.9	-	-
Tire dealers.....	44132	115.8	117.1	119.5	-	-	140.7	145.5	147.6	-	-
Furniture and home furnishings stores.....	442	90.5	92.8	93.2	-	-	117.5	125.3	125.5	-	-
Furniture stores.....	4421	89.8	91.0	90.4	-	-	114.8	121.9	119.8	-	-
Home furnishings stores.....	4422	91.2	95.3	95.9	-	-	120.3	131.3	132.3	-	-
Floor covering stores.....	44221	68.9	72.6	72.5	-	-	93.3	103.5	103.6	-	-
Other home furnishings stores.....	44229	109.8	113.7	114.9	-	-	151.0	162.9	163.8	-	-
Electronics and appliance stores.....	443	107.7	106.0	105.4	-	-	154.1	153.6	152.7	-	-
Household appliance stores.....	443141	67.1	63.4	63.1	-	-	83.2	83.9	82.4	-	-
Electronics stores.....	443142	115.4	113.9	113.4	-	-	164.5	164.2	163.8	-	-
Building material and garden supply stores.....	444	95.4	98.6	99.1	-	-	118.8	125.3	125.6	-	-
Building material and supplies dealers.....	4441	94.1	97.1	97.1	-	-	116.6	122.5	122.1	-	-
Home centers.....	44411	103.6	105.4	105.7	-	-	121.5	127.9	128.7	-	-
Hardware stores.....	44413	83.7	88.8	88.8	-	-	105.5	120.5	120.3	-	-
Lawn and garden equipment and supplies stores.....	4442	104.1	110.2	112.0	-	-	136.5	149.1	151.3	-	-
Food and beverage stores.....	445	93.6	92.8	92.3	-	-	116.1	110.7	110.0	-	-
Grocery stores.....	4451	95.1	94.4	93.4	-	-	119.7	113.8	112.3	-	-
Supermarkets and other grocery stores.....	44511	93.9	93.1	92.5	-	-	118.4	112.1	111.1	-	-
Convenience stores.....	44512	113.2	115.3	112.9	-	-	143.9	149.9	147.1	-	-
Specialty food stores.....	4452	77.2	76.2	77.3	-	-	86.8	85.3	87.8	-	-
Meat markets and fish and seafood markets.....	44521,2	93.0	90.6	92.5	-	-	112.3	112.5	114.2	-	-
Beer, wine, and liquor stores.....	4453	96.0	99.0	100.0	-	-	103.6	108.4	109.2	-	-
Health and personal care stores.....	446	100.2	103.0	102.2	-	-	138.0	143.4	142.0	-	-
Pharmacies and drug stores.....	44611	95.4	97.5	96.0	-	-	135.9	142.5	140.4	-	-
Cosmetic and beauty supply stores.....	44612	121.7	122.1	121.4	-	-	135.0	140.9	139.6	-	-
Optical goods stores.....	44613	124.2	135.2	134.8	-	-	187.8	188.9	185.8	-	-
Other health and personal care stores.....	44619	98.4	102.7	105.4	-	-	129.2	127.6	131.4	-	-
Gasoline stations.....	447	101.4	102.5	101.6	-	-	132.1	135.1	134.0	-	-
Gasoline stations with convenience stores.....	44711	105.2	106.9	106.1	-	-	137.9	141.8	140.5	-	-
Other gasoline stations.....	44719	80.8	78.3	78.6	-	-	105.9	103.6	104.6	-	-
Clothing and clothing accessories stores.....	448	92.5	92.1	91.5	-	-	116.4	119.9	119.3	-	-
Clothing stores.....	4481	92.0	90.1	89.1	-	-	110.9	113.4	111.8	-	-
Women's clothing stores.....	44812	124.5	117.4	114.3	-	-	157.1	155.4	149.7	-	-
Family clothing stores.....	44814	75.5	75.9	76.1	-	-	86.7	91.2	91.2	-	-
Clothing accessories stores.....	44815	136.5	125.1	119.9	-	-	181.2	168.0	168.1	-	-
Shoe stores.....	4482	113.3	118.6	117.1	-	-	177.8	190.0	190.9	-	-
Jewelry, luggage, and leather goods stores.....	4483	77.7	80.0	79.9	-	-	99.4	103.2	102.7	-	-
Sporting goods, hobby, book, and music stores.....	451	99.7	104.1	103.2	-	-	135.0	145.0	143.5	-	-
Sporting goods and musical instrument stores.....	4511	115.3	120.9	118.8	-	-	152.9	163.8	161.2	-	-
Sporting goods stores.....	45111	141.6	148.1	142.8	-	-	184.6	195.9	188.4	-	-
Hobby, toy, and game stores.....	45112	97.1	100.7	101.5	-	-	117.1	128.2	133.5	-	-
Book stores and news dealers.....	4512	53.9	52.1	52.4	-	-	74.5	78.5	76.4	-	-
General merchandise stores.....	452	113.1	111.2	110.7	-	-	141.0	137.3	136.5	-	-
Miscellaneous store retailers.....	453	85.9	86.5	85.1	-	-	111.3	110.6	109.9	-	-
Florists.....	4531	47.8	47.3	46.3	-	-	59.7	59.7	57.8	-	-
Office supplies, stationery, and gift stores.....	4532	61.1	57.2	56.2	-	-	83.8	73.9	72.7	-	-
Office supplies and stationery stores.....	45321	63.1	57.3	56.5	-	-	87.9	71.8	71.1	-	-
Gift, novelty, and souvenir stores.....	45322	59.1	56.7	55.7	-	-	77.6	76.6	74.5	-	-
Used merchandise stores.....	4533	185.9	193.4	188.8	-	-	251.2	273.3	267.3	-	-
Other miscellaneous store retailers.....	4539	103.6	108.6	107.1	-	-	132.9	139.3	140.0	-	-
Pet and pet supplies stores.....	45391	153.9	165.2	163.4	-	-	226.2	243.1	242.7	-	-
Nonstore retailers.....	454	119.0	120.2	119.7	-	-	190.5	185.7	181.9	-	-
Electronic shopping and mail-order houses.....	4541	154.5	153.7	152.0	-	-	251.5	235.2	229.0	-	-
Electronic shopping and electronic auctions.....	454111,2	399.5	402.0	395.1	-	-	741.1	664.4	639.7	-	-
Mail-order houses.....	454113	79.4	78.4	79.2	-	-	94.9	100.1	101.6	-	-

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					Percent change from: Aug.2016 - Sept.2016 ^P	Index of aggregate weekly payrolls ³				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Sept. 2015		July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	
Transportation and warehousing.....		123.0	123.6	123.2	123.7	0.4	161.6	165.0	164.8	166.6	1.1	
Air transportation.....	481	72.1	71.5	71.7	—	—	143.7	149.4	151.1	—	—	
Truck transportation.....	484	118.2	117.7	117.5	—	—	154.3	158.4	156.9	—	—	
General freight trucking.....	4841	112.7	113.7	113.4	—	—	144.9	151.1	149.2	—	—	
General freight trucking, local.....	48411	110.8	109.2	108.3	—	—	143.7	144.2	145.1	—	—	
General freight trucking, long-distance.....	48412	113.8	115.3	115.2	—	—	145.8	153.2	150.7	—	—	
General freight trucking, long-distance TL.....	484121	108.4	110.7	110.7	—	—	143.9	150.4	146.6	—	—	
General freight trucking, long-distance LTL.....	484122	127.0	126.8	126.4	—	—	150.5	160.3	159.7	—	—	
Specialized freight trucking.....	4842	133.0	127.5	127.6	—	—	182.7	179.1	178.8	—	—	
Used household and office goods moving.....	48421	90.4	86.3	86.0	—	—	117.1	114.7	114.2	—	—	
Other specialized trucking, local.....	48422	142.2	136.3	135.5	—	—	201.3	194.7	194.4	—	—	
Other specialized trucking, long-distance.....	48423	152.4	148.4	150.8	—	—	195.7	199.0	200.8	—	—	
Transit and ground passenger transportation.....	485	130.5	128.6	126.5	—	—	166.1	170.0	168.2	—	—	
School and employee bus transportation.....	4854	120.3	116.2	120.0	—	—	166.9	159.9	159.0	—	—	
Other ground passenger transportation.....	4859	190.7	185.6	180.7	—	—	223.3	223.6	219.3	—	—	
Pipeline transportation.....	486	142.6	131.1	131.1	—	—	257.1	240.0	238.6	—	—	
Support activities for transportation.....	488	125.5	120.7	120.0	—	—	164.1	155.2	154.3	—	—	
Support activities for air transportation.....	4881	137.4	136.9	135.3	—	—	167.0	164.3	160.8	—	—	
Airport operations.....	48811	138.4	135.5	136.6	—	—	127.2	126.0	127.2	—	—	
Support activities for water transportation.....	4883	94.7	86.9	86.0	—	—	155.0	128.7	128.5	—	—	
Support activities for road transportation.....	4884	130.9	125.0	126.6	—	—	134.7	130.6	134.9	—	—	
Freight transportation arrangement.....	4885	130.0	128.2	127.2	—	—	178.5	180.2	179.4	—	—	
Support activities for other transportation, including rail.....	4882,9	130.7	111.9	112.5	—	—	184.2	164.0	164.2	—	—	
Couriers and messengers.....	492	145.9	153.5	152.2	—	—	170.6	185.9	191.4	—	—	
Warehousing and storage.....	493	173.7	188.7	190.7	—	—	181.7	200.9	203.5	—	—	
General warehousing and storage.....	49311	182.1	199.0	201.0	—	—	187.7	209.9	212.7	—	—	
Utilities.....	22	97.2	99.0	98.5	99.0	0.5	138.3	146.2	145.9	146.2	0.2	
Power generation and supply.....	2211	97.4	98.1	97.4	—	—	140.0	148.6	148.4	—	—	
Electric power generation.....	22111	61.5	62.7	62.1	—	—	91.5	97.1	96.5	—	—	
Fossil fuel electric power generation.....	221112	68.6	69.7	69.4	—	—	103.7	109.8	109.7	—	—	
Electric power transmission and distribution.....	22112	153.1	154.2	153.5	—	—	224.3	240.5	240.6	—	—	
Natural gas distribution.....	2212	94.0	94.6	93.8	—	—	130.4	133.5	131.4	—	—	
Water, sewage and other systems.....	2213	107.0	121.6	120.4	—	—	148.3	159.7	154.1	—	—	
Information.....	51	90.9	91.0	91.0	90.8	-0.2	130.0	135.9	136.3	136.4	0.1	
Publishing industries, except Internet.....	511	100.6	99.9	99.8	—	—	158.8	160.1	161.5	—	—	
Newspaper, book, and directory publishers.....	5111	86.2	80.5	80.6	—	—	133.9	120.3	120.9	—	—	
Newspaper publishers.....	51111	81.3	74.3	74.6	—	—	105.3	97.9	99.0	—	—	
Periodical publishers.....	51112	104.9	97.2	96.5	—	—	176.1	156.0	158.2	—	—	
Software publishers.....	5112	124.5	131.6	131.4	—	—	178.6	194.3	195.8	—	—	
Motion picture and sound recording industries.....	512	83.4	84.1	84.4	—	—	89.3	92.5	92.5	—	—	
Broadcasting, except Internet.....	515	86.2	86.2	86.0	—	—	135.1	132.4	131.9	—	—	
Radio broadcasting.....	51511	90.1	91.4	88.6	—	—	158.6	147.8	145.6	—	—	
Telecommunications.....	517	74.0	73.4	72.7	—	—	97.3	105.5	104.6	—	—	
Wired telecommunications carriers.....	5171	83.7	84.0	82.9	—	—	107.5	116.7	114.7	—	—	
Telecommunications resellers.....	517911	34.2	30.6	32.0	—	—	40.3	36.0	37.4	—	—	
Data processing, hosting and related services.....	518	111.4	110.8	110.5	—	—	173.2	183.0	183.1	—	—	
Other information services.....	519	211.5	223.9	227.3	—	—	308.0	340.2	337.2	—	—	
Financial activities.....		110.1	112.2	112.0	112.1	0.1	172.5	180.8	181.2	182.1	0.5	
Credit intermediation and related activities.....	522	101.7	104.3	104.5	—	—	154.3	163.2	163.1	—	—	
Depository credit intermediation.....	5221	99.6	102.0	102.1	—	—	154.6	162.3	162.2	—	—	
Commercial banking.....	52211	101.9	104.3	104.2	—	—	161.9	169.7	169.5	—	—	
Savings institutions.....	52212	62.6	63.3	63.2	—	—	91.1	95.7	95.1	—	—	
Credit unions and other depository credit intermediation.....	52213,9	123.4	129.6	129.4	—	—	181.3	196.1	195.7	—	—	
Nondepository credit intermediation.....	5222	95.1	96.7	96.2	—	—	139.3	145.0	145.2	—	—	

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Consumer lending.....	522291	112.8	115.2	115.0	-	-	140.3	139.1	139.6	-	-
Real estate credit.....	522292	88.5	90.3	89.3	-	-	123.6	128.2	129.7	-	-
Activities related to credit intermediation.....	5223	137.2	145.4	146.5	-	-	202.7	225.8	227.2	-	-
Financial transaction processing and clearing.....	52232	203.8	219.5	217.3	-	-	416.2	428.9	425.7	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	129.8	130.5	131.1	-	-	231.1	240.8	241.0	-	-
Securities brokerage.....	52312	106.2	105.6	105.7	-	-	174.9	179.5	179.2	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.9	103.0	104.5	-	-	193.6	200.1	202.6	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	171.7	175.5	175.6	-	-	292.1	304.1	304.2	-	-
Portfolio management.....	52392	161.2	157.9	158.0	-	-	274.1	287.5	287.2	-	-
Investment advice.....	52393	214.8	231.1	228.6	-	-	371.2	379.2	376.5	-	-
Insurance carriers and related activities.....	524	115.6	118.4	117.8	-	-	170.5	178.2	178.7	-	-
Insurance carriers.....	5241	105.7	108.1	108.0	-	-	159.2	166.2	167.3	-	-
Direct life and health insurance carriers.....	52411	115.8	116.8	117.2	-	-	179.8	186.3	187.9	-	-
Direct insurers, except life and health.....	52412	95.8	98.6	98.8	-	-	136.9	144.7	145.2	-	-
Reinsurance carriers.....	52413	86.2	93.7	89.5	-	-	220.8	219.6	211.5	-	-
Insurance agencies, brokerages, and related services.....	5242	135.5	138.4	138.1	-	-	196.2	204.0	205.5	-	-
Insurance agencies and brokerages.....	52421	133.1	137.4	136.0	-	-	193.6	200.9	200.0	-	-
Other insurance-related activities.....	52429	141.7	141.8	142.8	-	-	202.0	211.6	217.2	-	-
Third-party administration of insurance funds.....	524292	136.0	134.4	134.7	-	-	191.3	201.0	204.6	-	-
Real estate.....	531	113.8	116.5	116.4	-	-	178.3	188.7	188.6	-	-
Lessors of real estate.....	5311	91.6	92.0	91.6	-	-	141.6	145.1	144.6	-	-
Lessors of residential buildings.....	53111	88.2	89.0	89.6	-	-	132.0	134.7	136.8	-	-
Lessors of nonresidential buildings.....	53112	89.9	89.1	87.5	-	-	156.5	161.4	157.9	-	-
Offices of real estate agents and brokers.....	5312	99.6	103.8	103.0	-	-	163.4	179.4	175.6	-	-
Activities related to real estate.....	5313	153.8	159.4	160.7	-	-	230.6	246.7	248.8	-	-
Real estate property managers.....	53131	154.5	159.5	160.2	-	-	231.3	246.7	248.2	-	-
Residential property managers.....	531311	161.3	167.3	168.4	-	-	238.2	255.5	257.3	-	-
Nonresidential property managers.....	531312	138.0	140.7	140.0	-	-	217.5	229.2	229.1	-	-
Rental and leasing services.....	532	92.6	92.1	91.1	-	-	134.6	140.8	140.8	-	-
Home health equipment rental.....	532291	129.9	124.3	122.9	-	-	144.9	129.1	128.8	-	-
General rental centers.....	5323	69.0	71.5	70.0	-	-	71.0	71.6	71.8	-	-
Machinery and equipment rental and leasing.....	5324	127.0	128.1	127.6	-	-	196.2	211.2	213.0	-	-
Heavy machinery rental and leasing.....	53241	122.5	111.0	110.8	-	-	197.2	196.2	198.1	-	-
Office equipment and other machinery rental and leasing.....	53242,9	134.9	154.5	152.4	-	-	196.5	234.4	233.4	-	-
Professional and business services.....		128.4	132.0	131.1	131.4	0.2	190.8	200.3	199.6	200.3	0.4
Professional and technical services.....	54	137.8	142.6	142.7	-	-	207.2	219.4	219.5	-	-
Legal services.....	5411	101.7	102.3	101.0	-	-	149.7	156.4	153.2	-	-
Offices of lawyers.....	54111	100.2	101.0	99.6	-	-	148.7	155.6	152.2	-	-
Other legal services.....	54119	121.0	123.0	120.9	-	-	167.9	178.6	179.9	-	-
Title abstract and settlement offices.....	541191	100.6	105.0	105.9	-	-	121.4	136.8	134.2	-	-
Accounting and bookkeeping services.....	5412	119.8	123.8	124.1	-	-	183.9	188.4	188.5	-	-
Offices of certified public accountants.....	541211	124.2	125.9	126.6	-	-	183.3	182.2	182.9	-	-
Payroll services.....	541214	132.3	153.2	154.0	-	-	225.7	242.8	241.4	-	-
Architectural and engineering services.....	5413	114.5	116.8	116.9	-	-	171.7	177.2	177.2	-	-
Architectural services.....	54131	101.1	102.3	103.3	-	-	147.3	151.6	152.3	-	-
Landscape architectural services.....	54132	84.3	92.5	91.9	-	-	140.9	154.5	155.0	-	-
Engineering and drafting services.....	54133,4	121.5	123.9	123.9	-	-	181.8	186.1	186.4	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	98.4	95.5	94.8	-	-	138.5	153.4	150.2	-	-
Testing laboratories.....	54138	109.4	114.1	115.1	-	-	158.4	166.5	167.2	-	-
Specialized design services.....	5414	121.3	127.5	128.9	-	-	198.6	207.7	208.1	-	-
Graphic design services.....	54143	99.5	101.6	103.5	-	-	177.6	179.5	188.0	-	-
Computer systems design and related services.....	5415	172.4	180.3	180.6	-	-	241.5	258.2	258.9	-	-
Custom computer programming services.....	541511	165.0	172.1	173.4	-	-	231.9	244.9	245.7	-	-

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Computer systems design services.....	541512	208.1	219.1	218.6	-	-	279.3	297.8	298.5	-	-
Management and technical consulting services.....	5416	212.2	226.6	225.1	-	-	297.1	329.7	327.0	-	-
Management consulting services.....	54161	204.3	216.7	215.8	-	-	280.3	310.7	308.9	-	-
Administrative management consulting services.....	541611	212.8	225.7	226.0	-	-	327.9	362.6	360.0	-	-
Marketing consulting services.....	541613	345.0	370.7	363.4	-	-	445.2	483.2	471.6	-	-
Process and logistics consulting services.....	541614	217.8	224.9	224.3	-	-	232.2	271.7	266.4	-	-
Scientific research and development services.....	5417	134.6	138.9	138.1	-	-	216.7	230.7	229.7	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.2	146.1	146.1	-	-	227.9	243.5	243.7	-	-
Biotechnology research.....	541711	143.5	149.9	149.2	-	-	215.3	244.4	245.9	-	-
Physical, engineering, and life sciences research.....	541712	140.0	145.0	144.5	-	-	230.9	243.6	242.3	-	-
Social science and humanities research.....	54172	84.2	84.7	81.3	-	-	120.2	121.8	117.4	-	-
Advertising and related services.....	5418	123.7	132.3	131.3	-	-	200.5	220.6	219.9	-	-
Advertising agencies.....	54181	144.9	148.0	148.7	-	-	227.2	229.6	234.4	-	-
Public relations agencies.....	54182	128.4	129.9	130.1	-	-	193.0	204.2	204.4	-	-
Advertising material distribution and other advertising services.....	54187,9	139.2	160.7	156.5	-	-	195.9	243.5	238.3	-	-
Other professional and technical services.....	5419	149.6	156.0	157.9	-	-	230.9	249.2	253.5	-	-
Marketing research and public opinion polling.....	54191	99.5	89.0	91.6	-	-	161.4	141.7	144.5	-	-
Photographic services.....	54192	65.6	61.6	60.6	-	-	94.0	89.0	86.3	-	-
Veterinary services.....	54194	160.1	162.9	163.2	-	-	229.2	242.3	244.9	-	-
Miscellaneous professional and technical services.....	54193,9	317.9	378.7	387.9	-	-	510.1	646.9	655.8	-	-
Management of companies and enterprises.....	55	130.1	132.3	127.1	-	-	217.8	220.1	217.5	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	109.7	108.5	103.5	-	-	163.4	172.1	166.8	-	-
Managing offices.....	551114	131.3	133.4	128.4	-	-	221.7	223.2	220.9	-	-
Administrative and waste services.....	56	120.5	123.0	122.7	-	-	160.3	167.6	167.6	-	-
Administrative and support services.....	561	120.1	123.0	122.6	-	-	160.1	168.2	168.1	-	-
Office administrative services.....	5611	177.4	187.0	186.1	-	-	286.2	321.5	318.0	-	-
Facilities support services.....	5612	147.4	149.0	146.9	-	-	161.8	172.0	170.7	-	-
Employment services.....	5613	114.0	115.5	115.4	-	-	147.4	149.3	149.6	-	-
Employment placement agencies and executive search services.....	56131	103.0	104.4	106.0	-	-	176.1	170.4	171.1	-	-
Temporary help services.....	56132	138.4	139.2	139.7	-	-	174.6	176.5	178.3	-	-
Professional employer organizations.....	56133	47.3	49.2	48.3	-	-	61.0	64.2	62.8	-	-
Business support services.....	5614	129.8	132.7	133.0	-	-	173.9	186.2	187.9	-	-
Telephone call centers.....	56142	162.5	167.5	167.3	-	-	228.5	242.3	243.7	-	-
Business service centers.....	56143	94.1	96.2	96.7	-	-	118.4	131.1	133.8	-	-
Collection agencies.....	56144	92.5	91.9	92.7	-	-	129.1	129.6	132.5	-	-
Travel arrangement and reservation services.....	5615	87.9	85.9	85.4	-	-	132.6	139.5	138.8	-	-
Travel agencies.....	56151	73.9	74.8	74.2	-	-	99.5	102.2	102.8	-	-
Investigation and security services.....	5616	121.3	123.3	123.0	-	-	167.1	176.4	176.6	-	-
Security and armored car services.....	56161	119.2	121.1	120.7	-	-	162.3	170.8	170.1	-	-
Security systems services.....	56162	136.4	136.4	138.9	-	-	190.3	198.9	204.4	-	-
Services to buildings and dwellings.....	5617	127.1	130.2	130.2	-	-	169.0	179.4	179.8	-	-
Exterminating and pest control services.....	56171	139.9	151.9	153.8	-	-	206.0	231.1	232.6	-	-
Janitorial services.....	56172	124.8	127.2	127.4	-	-	162.4	171.1	173.2	-	-
Landscaping services.....	56173	131.1	135.0	134.3	-	-	177.8	188.0	187.4	-	-
Carpet and upholstery cleaning services.....	56174	92.1	88.9	89.3	-	-	126.8	120.3	120.5	-	-
Other services to buildings and dwellings.....	56179	123.1	118.1	115.8	-	-	138.7	146.1	143.4	-	-
Other support services.....	5619	99.1	107.4	108.8	-	-	128.6	141.7	144.5	-	-
Packaging and labeling services.....	56191	116.0	130.5	131.2	-	-	170.1	196.1	199.0	-	-
Convention and trade show organizers.....	56192	80.5	88.4	91.1	-	-	94.2	106.4	110.1	-	-
All other support services.....	56199	99.4	105.1	106.9	-	-	137.3	146.8	150.2	-	-
Waste management and remediation services.....	562	126.2	124.7	126.2	-	-	160.0	161.0	163.3	-	-
Waste collection.....	5621	148.7	151.9	152.8	-	-	192.4	205.6	207.3	-	-
Waste treatment and disposal.....	5622	90.8	89.8	89.9	-	-	135.3	135.0	134.9	-	-
Remediation and other waste services.....	5629	142.8	135.0	138.0	-	-	158.2	150.6	154.2	-	-

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Education and health services.....		133.3	136.9	137.2	137.3	0.1	195.4	203.4	204.2	204.6	0.2
Health care and social assistance.....	62	135.4	138.6	139.0	—	—	200.0	208.1	209.0	—	—
Health care ⁵	621,2,3	132.1	135.4	135.6	—	—	199.7	208.0	208.6	—	—
Ambulatory health care services.....	621	150.3	155.1	156.0	—	—	225.9	238.1	238.3	—	—
Offices of physicians.....	6211	132.1	135.1	135.7	—	—	226.6	236.1	235.3	—	—
Offices of physicians, except mental health.....	621111	132.2	135.4	136.0	—	—	227.7	237.3	236.5	—	—
Offices of mental health physicians.....	621112	126.6	121.5	119.4	—	—	170.1	170.6	165.1	—	—
Offices of dentists.....	6212	124.6	127.7	129.3	—	—	168.0	177.2	180.0	—	—
Offices of other health practitioners.....	6213	159.7	168.8	170.6	—	—	228.1	244.3	245.1	—	—
Offices of chiropractors.....	62131	129.5	136.2	135.8	—	—	184.1	190.4	190.2	—	—
Offices of optometrists.....	62132	152.2	146.1	149.4	—	—	215.1	209.1	215.6	—	—
Offices of mental health practitioners.....	62133	101.5	116.4	117.9	—	—	125.6	145.0	143.2	—	—
Offices of specialty therapists.....	62134	182.8	193.1	194.5	—	—	260.3	277.7	276.5	—	—
Offices of all other health practitioners.....	62139	197.4	225.4	227.7	—	—	285.3	330.2	329.2	—	—
Outpatient care centers.....	6214	194.8	203.2	203.9	—	—	285.3	303.6	304.2	—	—
Outpatient mental health centers.....	62142	161.9	165.9	165.4	—	—	200.3	212.1	211.9	—	—
Outpatient care centers, except mental health.....	62141,9	211.8	222.3	224.7	—	—	323.1	343.8	346.5	—	—
Freestanding emergency medical centers.....	621493	205.3	206.8	207.6	—	—	330.3	329.3	322.2	—	—
Miscellaneous outpatient care centers.....	621410,98	203.6	214.6	218.1	—	—	305.3	329.4	334.4	—	—
Medical and diagnostic laboratories.....	6215	153.4	152.4	152.1	—	—	211.9	220.0	219.8	—	—
Medical laboratories.....	621511	156.3	155.1	154.3	—	—	215.2	231.1	230.6	—	—
Diagnostic imaging centers.....	621512	145.3	145.6	144.7	—	—	204.4	194.2	192.2	—	—
Home health care services.....	6216	192.5	204.6	205.8	—	—	250.5	276.3	278.3	—	—
Other ambulatory health care services.....	6219	159.8	155.3	155.0	—	—	236.1	231.7	231.0	—	—
Ambulance services.....	62191	158.2	163.5	164.3	—	—	223.7	231.8	232.0	—	—
All other ambulatory health care services.....	62199	161.2	142.6	141.1	—	—	251.0	231.4	230.9	—	—
Hospitals.....	622	123.6	127.0	127.2	—	—	196.2	203.0	203.9	—	—
General medical and surgical hospitals.....	6221	120.2	124.2	124.4	—	—	193.0	199.9	200.9	—	—
Nursing and residential care facilities.....	623	118.2	118.6	118.5	—	—	153.6	157.2	157.3	—	—
Nursing care facilities.....	6231	104.8	103.5	103.3	—	—	137.9	139.8	140.0	—	—
Residential mental health facilities.....	6232	127.0	129.1	128.5	—	—	165.6	171.3	171.3	—	—
Residential intellectual and developmental disability facilities.....	62321	120.2	120.4	120.6	—	—	149.9	153.1	154.0	—	—
Residential mental health and substance abuse facilities.....	62322	143.0	147.6	147.2	—	—	198.0	205.8	206.5	—	—
Community care facilities for the elderly.....	6233	160.6	163.5	163.0	—	—	210.3	217.5	217.1	—	—
Continuing care retirement communities.....	623311	193.2	195.6	195.0	—	—	256.6	263.8	263.0	—	—
Assisted living facilities for the elderly.....	623312	132.9	137.2	136.0	—	—	166.7	174.7	174.5	—	—
Other residential care facilities.....	6239	92.5	94.1	93.7	—	—	119.1	122.9	122.3	—	—
Social assistance.....	624	154.1	158.6	158.9	—	—	200.7	212.0	212.9	—	—
Individual and family services.....	6241	206.7	212.2	212.4	—	—	259.1	274.7	276.6	—	—
Child and youth services.....	62411	124.3	124.2	125.5	—	—	167.6	174.6	176.4	—	—
Services for the elderly and persons with disabilities.....	62412	264.8	270.6	271.4	—	—	336.9	354.9	361.3	—	—
Other individual and family services.....	62419	131.4	137.7	137.3	—	—	183.9	196.4	194.9	—	—
Emergency and other relief services.....	6242	123.3	125.9	128.3	—	—	172.0	181.0	184.4	—	—
Vocational rehabilitation services.....	6243	88.3	89.4	88.8	—	—	119.2	118.9	118.1	—	—
Child day care services.....	6244	119.7	126.2	126.4	—	—	157.1	170.3	169.7	—	—
Leisure and hospitality.....		123.2	125.0	124.6	125.1	0.4	174.2	183.4	183.1	184.6	0.8
Arts, entertainment, and recreation.....	71	114.3	115.8	115.0	—	—	154.3	162.3	162.1	—	—
Performing arts and spectator sports.....	711	123.4	125.0	126.3	—	—	169.6	187.6	192.0	—	—
Performing arts companies.....	7111	106.4	103.8	102.0	—	—	177.4	195.9	196.6	—	—
Spectator sports.....	7112	111.0	108.0	108.6	—	—	134.3	149.3	150.7	—	—
Arts and sports promoters and agents and managers for public figures.....	7113,4	176.2	191.0	202.6	—	—	218.4	251.7	263.7	—	—
Independent artists, writers, and performers.....	7115	124.7	131.7	124.3	—	—	202.8	201.1	194.7	—	—
Museums, historical sites, and similar institutions.....	712	124.1	129.0	126.2	—	—	164.3	177.7	174.4	—	—

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				
		Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P	Sept. 2015	July 2016	Aug. 2016 ^P	Sept. 2016 ^P	Percent change from: Aug.2016 - Sept.2016 ^P
Museums.....	71211	114.4	119.7	119.0	-	-	144.9	166.0	164.2	-	-
Historical sites and other similar institutions.....	71212,3,9	138.3	143.6	140.3	-	-	202.9	204.9	202.5	-	-
Amusements, gambling, and recreation.....	713	110.7	111.1	109.9	-	-	146.1	148.6	147.7	-	-
Gambling industries.....	7132	95.9	97.5	96.4	-	-	141.7	148.7	146.6	-	-
Golf courses and country clubs.....	71391	116.9	119.1	117.7	-	-	152.9	161.4	160.6	-	-
Skiing facilities.....	71392	172.1	161.5	163.3	-	-	258.6	272.9	273.3	-	-
Marinas.....	71393	104.9	104.0	105.0	-	-	147.0	153.4	154.7	-	-
Fitness and recreational sports centers.....	71394	102.1	98.9	98.5	-	-	120.8	124.0	124.0	-	-
Bowling centers.....	71395	75.3	74.4	73.3	-	-	97.8	99.8	100.4	-	-
Accommodation and food services.....	72	124.8	126.2	126.4	-	-	179.3	188.1	188.5	-	-
Accommodation.....	721	107.3	107.9	107.1	-	-	149.1	153.4	152.2	-	-
Traveler accommodation.....	7211	106.6	106.7	106.3	-	-	148.6	151.9	151.3	-	-
Hotels and motels, except casino hotels.....	72111	110.3	110.8	110.5	-	-	155.6	159.7	158.7	-	-
RV parks and recreational camps.....	7212	139.5	151.4	142.0	-	-	182.2	211.8	193.1	-	-
Food services and drinking places.....	722	128.8	131.0	130.8	-	-	188.4	199.4	199.5	-	-
Special food services.....	7223	128.4	121.8	124.9	-	-	181.5	175.5	179.6	-	-
Food service contractors.....	72231	130.8	119.6	123.7	-	-	180.5	166.9	171.6	-	-
Caterers and mobile food services.....	72232,3	117.4	127.7	126.5	-	-	179.3	205.2	206.5	-	-
Drinking places, alcoholic beverages.....	7224	91.3	96.1	94.6	-	-	146.3	167.4	167.2	-	-
Restaurants and other eating places.....	7225	130.3	133.0	133.3	-	-	190.5	202.5	203.5	-	-
Full-service restaurants.....	722511	127.9	129.3	129.7	-	-	196.7	208.0	208.8	-	-
Limited-service restaurants.....	722513	131.1	135.1	135.4	-	-	178.6	191.5	193.0	-	-
Cafeterias, grill buffets, and buffets.....	722514	84.5	82.7	80.2	-	-	109.8	109.6	105.8	-	-
Snack and nonalcoholic beverage bars.....	722515	184.6	192.1	192.5	-	-	257.0	275.4	277.5	-	-
Other services.....	81	100.5	102.4	102.5	102.9	0.4	140.0	143.6	143.9	144.7	0.6
Repair and maintenance.....	811	105.6	106.6	106.3	-	-	141.0	143.6	143.0	-	-
Automotive repair and maintenance.....	8111	101.8	104.6	105.5	-	-	134.2	139.5	140.6	-	-
Automotive mechanical and electrical repair.....	81111	102.6	103.1	104.1	-	-	134.1	137.0	138.1	-	-
General automotive repair.....	811111	114.7	115.5	117.0	-	-	147.7	150.8	152.7	-	-
Automotive body, interior, and glass repair.....	811112	100.0	102.8	104.2	-	-	135.1	139.3	140.9	-	-
Other automotive repair and maintenance.....	81119	103.7	110.7	110.4	-	-	135.3	148.9	148.5	-	-
Car washes.....	811192	107.8	117.5	117.7	-	-	141.5	160.3	160.6	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	97.2	101.4	99.5	-	-	127.7	136.1	133.6	-	-
Electronic equipment repair and maintenance.....	8112	99.7	93.8	91.3	-	-	129.7	122.3	120.2	-	-
Computer and office machine repair.....	811212	89.8	80.4	78.8	-	-	114.9	102.8	102.4	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	107.1	104.1	101.3	-	-	139.8	136.7	133.9	-	-
Commercial machinery repair and maintenance.....	8113	141.4	136.3	134.1	-	-	193.5	191.6	188.0	-	-
Household goods repair and maintenance.....	8114	85.6	82.5	78.4	-	-	107.2	100.6	95.9	-	-
Personal and laundry services.....	812	102.7	106.2	105.7	-	-	138.8	145.9	146.5	-	-
Personal care services.....	8121	117.6	123.1	122.9	-	-	172.3	180.7	182.8	-	-
Hair, nail, and skin care services.....	81211	107.5	113.4	112.4	-	-	151.7	162.8	161.6	-	-
Other personal care services.....	81219	195.8	202.7	205.6	-	-	345.4	342.5	361.3	-	-
Death care services.....	8122	89.3	91.8	92.9	-	-	117.3	125.9	128.2	-	-
Drycleaning and laundry services.....	8123	78.4	80.4	79.5	-	-	98.2	105.4	105.3	-	-
Coin-operated laundries and drycleaners.....	81231	72.6	80.3	81.1	-	-	86.3	99.8	101.0	-	-
Drycleaning and laundry services, except coin-operated.....	81232	63.4	64.4	63.8	-	-	81.2	86.1	85.6	-	-
Linen and uniform supply.....	81233	99.7	101.2	100.1	-	-	118.1	124.9	125.9	-	-
Other personal services.....	8129	124.3	126.5	124.6	-	-	150.8	153.4	151.5	-	-
Pet care services, except veterinary.....	81291	296.6	307.6	299.0	-	-	332.0	338.9	332.8	-	-
Parking lots and garages.....	81293	132.2	130.1	129.5	-	-	161.5	164.5	164.2	-	-
Membership associations and organizations.....	813	97.2	99.0	99.1	-	-	140.1	143.1	143.3	-	-
Grantmaking and giving services.....	8132	139.8	140.8	140.0	-	-	263.8	252.6	251.7	-	-
Grantmaking foundations.....	813211	243.0	248.8	250.3	-	-	458.0	442.5	447.4	-	-
Social advocacy organizations.....	8133	115.2	120.8	120.8	-	-	173.4	187.9	191.2	-	-

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				
		Sept. 2015	July 2016	Aug. 2016 ^p	Sept. 2016 ^p	Percent change from: Aug.2016 - Sept.2016 ^p	Sept. 2015	July 2016	Aug. 2016 ^p	Sept. 2016 ^p	Percent change from: Aug.2016 - Sept.2016 ^p
Human rights organizations.....	813311	106.3	110.1	109.6	—	—	146.3	156.5	158.3	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	117.0	124.4	124.1	—	—	181.8	199.0	202.5	—	—
Civic and social organizations.....	8134	79.7	79.8	80.6	—	—	102.3	105.9	107.2	—	—
Professional and similar organizations.....	8139	92.9	99.8	101.4	—	—	135.4	146.4	147.2	—	—
Business associations.....	81391	92.8	99.4	101.0	—	—	135.9	148.7	148.8	—	—
Professional organizations.....	81392	135.9	135.8	136.9	—	—	208.4	208.7	208.7	—	—
Labor unions and similar labor organizations.....	81393	73.9	77.5	80.9	—	—	104.7	108.7	111.8	—	—
Miscellaneous professional and similar organizations. . .	81394,9	92.3	104.4	105.0	—	—	140.1	166.2	164.0	—	—

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.

p Preliminary