

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Total private.....		111.0	112.3	112.6	113.1	0.4	156.2	161.2	161.9	163.2	0.8
Goods-producing.....		88.9	88.9	88.9	89.4	0.6	119.7	122.7	123.0	123.9	0.7
Mining and logging.....		145.3	119.2	114.2	116.1	1.7	222.9	187.7	180.5	182.4	1.1
Logging.....	1133	79.7	77.9	75.1	-	-	113.0	114.8	110.9	-	-
Mining.....	21	154.6	124.8	119.9	-	-	235.7	196.0	189.0	-	-
Oil and gas extraction.....	211	179.4	147.9	145.0	-	-	277.0	260.3	256.4	-	-
Mining, except oil and gas.....	212	95.3	86.0	84.9	-	-	136.1	122.7	120.5	-	-
Coal mining.....	2121	87.4	69.0	68.4	-	-	129.0	99.1	96.4	-	-
Stone mining and quarrying.....	21231	81.3	84.3	83.5	-	-	107.2	117.1	115.9	-	-
Crushed and broken limestone mining.....	212312	73.3	77.6	79.8	-	-	104.8	113.4	114.5	-	-
Other stone mining and quarrying.....	212311,3,9	91.7	93.1	88.7	-	-	109.8	122.3	118.2	-	-
Support activities for mining.....	213	212.9	158.8	149.1	-	-	353.9	261.7	246.9	-	-
Support activities for oil and gas operations.....	213112	235.8	174.3	165.3	-	-	436.7	318.5	301.4	-	-
Construction.....	23	95.5	99.5	99.9	100.0	0.1	130.0	139.0	140.3	140.9	0.4
Construction of buildings.....	236	85.4	90.5	90.7	-	-	118.8	130.0	130.5	-	-
Residential building.....	2361	80.6	86.6	86.8	-	-	109.8	121.4	122.5	-	-
New single-family general contractors.....	236115	61.6	67.9	67.4	-	-	86.6	96.1	96.1	-	-
Residential remodelers.....	236118	115.4	124.7	123.3	-	-	148.0	168.7	167.8	-	-
Nonresidential building.....	2362	90.1	94.5	94.3	-	-	126.6	137.2	137.3	-	-
Industrial building.....	23621	81.0	83.4	80.2	-	-	117.5	127.4	120.8	-	-
Commercial building.....	23622	93.4	98.8	99.7	-	-	129.8	141.2	143.3	-	-
Heavy and civil engineering construction.....	237	100.0	99.1	99.8	-	-	147.6	151.2	152.6	-	-
Utility system construction.....	2371	124.7	120.2	121.2	-	-	193.5	194.4	196.9	-	-
Water and sewer system construction.....	23711	88.3	88.9	90.8	-	-	122.1	125.1	127.3	-	-
Oil and gas pipeline construction.....	23712	183.4	164.1	158.9	-	-	314.8	306.4	301.2	-	-
Power and communication system construction.....	23713	134.5	133.8	136.1	-	-	215.4	217.1	223.3	-	-
Land subdivision.....	2372	22.7	21.8	21.1	-	-	38.5	41.9	40.5	-	-
Highway, street, and bridge construction.....	2373	89.3	93.9	95.4	-	-	120.6	131.2	132.5	-	-
Other heavy construction.....	2379	90.2	84.9	85.8	-	-	129.0	124.7	126.4	-	-
Specialty trade contractors.....	238	97.4	102.3	102.4	-	-	128.6	138.2	139.9	-	-
Building foundation and exterior contractors.....	2381	88.6	96.4	95.2	-	-	116.0	128.5	128.0	-	-
Poured concrete structure contractors.....	23811	98.0	110.7	108.3	-	-	138.1	160.8	158.2	-	-
Steel and precast concrete contractors.....	23812	84.9	95.0	95.3	-	-	119.2	126.0	126.9	-	-
Framing contractors.....	23813	62.7	64.6	63.0	-	-	72.9	76.8	74.9	-	-
Masonry contractors.....	23814	67.7	71.6	71.5	-	-	88.3	90.7	91.2	-	-
Glass and glazing contractors.....	23815	112.3	122.4	124.9	-	-	140.6	163.5	167.6	-	-
Roofing contractors.....	23816	100.6	114.9	114.6	-	-	130.2	155.5	156.9	-	-
Siding contractors.....	23817	117.5	107.8	106.2	-	-	178.6	186.3	185.9	-	-
Other building exterior contractors.....	23819	136.7	146.3	137.9	-	-	173.5	189.2	180.4	-	-
Building equipment contractors.....	2382	102.7	110.3	111.9	-	-	135.2	147.9	152.3	-	-
Electrical contractors.....	23821	91.4	99.9	101.7	-	-	121.6	137.3	142.8	-	-
Plumbing and HVAC contractors.....	23822	111.9	118.6	119.9	-	-	146.7	156.1	158.9	-	-
Other building equipment contractors.....	23829	130.5	131.5	134.0	-	-	158.6	171.5	174.5	-	-
Building finishing contractors.....	2383	84.4	87.3	86.3	-	-	112.3	117.9	116.8	-	-
Drywall and insulation contractors.....	23831	73.2	73.2	72.0	-	-	99.0	101.9	99.8	-	-
Painting and wall covering contractors.....	23832	86.0	92.2	90.7	-	-	107.7	116.2	114.7	-	-
Flooring contractors.....	23833	81.7	89.4	87.0	-	-	111.5	118.4	112.3	-	-
Tile and terrazzo contractors.....	23834	114.5	110.6	112.7	-	-	153.2	158.3	169.0	-	-
Finish carpentry contractors.....	23835	96.4	96.0	97.7	-	-	133.4	135.9	138.3	-	-
Other building finishing contractors.....	23839	101.9	108.0	107.1	-	-	140.9	155.3	159.0	-	-
Other specialty trade contractors.....	2389	113.8	108.5	108.8	-	-	150.4	148.2	148.7	-	-
Site preparation contractors.....	23891	111.8	110.9	109.9	-	-	144.9	150.5	149.2	-	-
All other specialty trade contractors.....	23899	115.1	106.4	107.0	-	-	155.2	146.6	147.9	-	-
Manufacturing.....		83.3	82.9	82.8	83.2	0.5	108.8	110.6	110.5	111.4	0.8

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Durable goods.....		84.6	84.2	83.8	84.6	1.0	110.9	112.7	112.1	113.4	1.2
Wood products.....	321	70.0	69.2	69.5	69.1	-0.6	92.0	94.6	94.9	95.2	0.3
Sawmills and wood preservation.....	3211	73.4	72.1	71.9	-	-	91.7	97.5	96.2	-	-
Plywood and engineered wood products.....	3212	73.1	70.2	72.3	-	-	99.0	99.0	101.9	-	-
Other wood products.....	3219	67.3	67.5	67.3	-	-	89.3	91.0	91.7	-	-
Millwork.....	32191	64.5	65.3	64.3	-	-	84.9	87.9	87.4	-	-
Wood windows and doors.....	321911	62.2	60.2	58.7	-	-	89.7	88.6	87.6	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	67.2	69.7	68.5	-	-	81.6	86.6	85.8	-	-
Wood containers and pallets.....	32192	89.3	87.9	87.9	-	-	126.0	130.4	132.5	-	-
All other wood products.....	32199	56.9	57.5	58.9	-	-	75.6	74.6	76.6	-	-
Nonmetallic mineral products.....	327	73.6	76.0	75.7	76.2	0.7	95.5	99.9	99.7	100.4	0.7
Cement and concrete products.....	3273	77.9	83.1	82.6	-	-	106.3	111.4	110.6	-	-
Ready-mix concrete.....	32732	71.8	76.3	76.9	-	-	97.4	101.4	102.0	-	-
Other cement and concrete products.....	32731,3,9	84.2	90.3	89.3	-	-	118.0	123.9	122.2	-	-
Primary metals.....	331	80.9	76.2	75.8	76.7	1.2	102.1	98.9	99.2	100.4	1.2
Foundries.....	3315	70.6	64.0	63.5	-	-	88.4	80.9	80.8	-	-
Fabricated metal products.....	332	97.7	94.0	93.3	94.3	1.1	127.2	125.5	124.3	126.7	1.9
Forging and stamping.....	3321	92.7	90.6	91.3	-	-	115.5	119.0	119.0	-	-
Architectural and structural metals.....	3323	97.8	97.6	94.8	-	-	127.4	128.2	125.2	-	-
Plate work and fabricated structural products.....	33231	99.4	97.4	94.1	-	-	136.2	134.6	129.4	-	-
Fabricated structural metal products.....	332312	103.0	100.0	95.5	-	-	143.1	139.1	132.2	-	-
Ornamental and architectural metal products.....	33232	96.2	97.9	95.7	-	-	120.1	123.4	121.9	-	-
Sheet metal work.....	332322	114.6	115.0	111.8	-	-	141.2	141.1	138.3	-	-
Boilers, tanks, and shipping containers.....	3324	118.4	102.3	100.7	-	-	149.1	138.3	135.5	-	-
Machine shops and threaded products.....	3327	121.1	113.3	113.4	-	-	153.4	146.2	146.5	-	-
Machine shops.....	33271	129.6	120.5	121.1	-	-	166.0	158.5	159.0	-	-
Turned products and screws, nuts, and bolts.....	33272	99.4	95.4	94.1	-	-	120.1	114.4	113.8	-	-
Coating, engraving, and heat treating metals.....	3328	93.6	92.6	91.0	-	-	125.3	122.9	118.9	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	116.4	114.1	111.5	-	-	153.2	150.6	143.6	-	-
Electroplating, anodizing, and coloring metals.....	332813	75.3	75.2	74.8	-	-	102.3	99.9	99.4	-	-
Other fabricated metal products.....	3329	95.8	92.1	94.1	-	-	126.5	128.1	130.6	-	-
Metal valves.....	33291	89.4	80.2	82.4	-	-	122.6	116.5	119.2	-	-
All other fabricated metal products.....	33299	98.9	98.7	100.0	-	-	128.0	134.3	136.2	-	-
Machinery.....	333	93.5	91.1	91.1	92.0	1.0	125.3	125.2	125.3	126.2	0.7
Agricultural, construction, and mining machinery.....	3331	118.9	103.1	104.7	-	-	167.2	145.3	146.8	-	-
Farm machinery and equipment.....	333111	102.2	88.3	87.8	-	-	137.6	123.5	122.4	-	-
Industrial machinery.....	3332	88.2	90.1	91.5	-	-	125.8	126.2	128.7	-	-
Commercial and service industry machinery.....	3333	71.2	75.9	74.9	-	-	109.4	119.4	119.7	-	-
HVAC and commercial refrigeration equipment.....	3334	81.2	85.5	84.0	-	-	106.9	117.1	114.0	-	-
Metalworking machinery.....	3335	90.6	85.1	84.6	-	-	111.3	109.4	108.7	-	-
Special tools, dies, jigs, and fixtures.....	333514	84.5	77.9	77.4	-	-	108.7	102.6	102.7	-	-
Turbine and power transmission equipment.....	3336	82.0	79.5	80.2	-	-	95.6	99.5	101.8	-	-
Other general purpose machinery.....	3339	99.7	102.1	102.0	-	-	138.1	145.1	144.4	-	-
Computer and electronic products.....	334	82.4	82.8	82.0	82.7	0.9	119.1	122.8	123.3	121.7	-1.3
Communications equipment.....	3342	52.8	56.9	56.6	-	-	71.4	72.6	71.8	-	-
Semiconductors and electronic components.....	3344	72.9	73.0	72.0	-	-	100.1	100.7	99.3	-	-
Semiconductors and related devices.....	334413	71.7	72.0	71.4	-	-	120.6	121.5	119.0	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	75.6	72.3	70.5	-	-	96.4	97.8	96.0	-	-
Electronic instruments.....	3345	126.7	126.4	125.1	-	-	208.0	212.8	214.8	-	-
Electrical equipment and appliances.....	335	77.5	78.9	79.6	78.8	-1.0	104.6	109.2	109.2	108.4	-0.7
Electrical equipment.....	3353	90.4	88.4	89.0	-	-	116.5	123.6	122.2	-	-
Other electrical equipment and components.....	3359	85.5	87.9	88.7	-	-	118.7	122.7	123.5	-	-
Transportation equipment.....	336	88.7	90.0	89.2	91.3	2.4	107.7	109.6	107.9	111.3	3.2
Motor vehicles and parts ⁴	3361,2,3	79.6	81.8	81.2	84.1	3.6	81.1	83.6	82.5	87.7	6.3
Motor vehicles.....	3361	73.4	81.3	79.7	-	-	74.6	84.0	84.1	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Motor vehicle bodies and trailers.....	3362	105.8	106.8	106.3	-	-	120.7	120.0	118.0	-	-
Motor vehicle parts.....	3363	76.8	76.8	77.4	-	-	78.5	77.4	77.1	-	-
Motor vehicle gasoline engine and parts.....	33631	72.4	69.3	69.5	-	-	84.2	75.1	75.6	-	-
Motor vehicle power train components.....	33635	83.8	89.7	86.3	-	-	82.1	88.0	84.4	-	-
Motor vehicle metal stamping.....	33637	83.4	76.6	79.6	-	-	81.3	74.0	75.3	-	-
All other motor vehicle parts.....	33639	85.3	85.4	86.6	-	-	92.2	94.8	94.5	-	-
Aerospace products and parts.....	3364	126.9	129.7	128.5	-	-	210.1	216.0	211.1	-	-
Aircraft.....	336411	121.6	121.6	121.7	-	-	185.4	189.1	185.1	-	-
Furniture and related products.....	337	60.3	60.7	61.1	60.8	-0.5	77.1	80.2	81.4	80.8	-0.7
Household and institutional furniture.....	3371	56.6	58.2	58.9	-	-	73.0	78.0	79.7	-	-
Wood kitchen cabinets and countertops.....	33711	70.6	71.3	72.0	-	-	89.8	94.8	96.1	-	-
Other household and institutional furniture.....	33712	48.6	50.3	51.1	-	-	62.5	66.8	68.7	-	-
Upholstered household furniture.....	337121	72.2	73.1	74.6	-	-	85.1	89.9	92.9	-	-
Miscellaneous durable goods manufacturing.....	339	84.9	87.6	87.0	88.0	1.1	117.2	124.3	123.4	124.9	1.2
Medical equipment and supplies.....	3391	106.5	113.4	112.4	-	-	142.0	156.8	154.7	-	-
Surgical appliances and supplies.....	339113	115.2	105.3	108.1	-	-	151.3	141.7	142.6	-	-
Dental laboratories.....	339116	81.2	78.6	79.0	-	-	116.3	110.9	112.6	-	-
Other miscellaneous durable goods manufacturing... ..	3399	68.8	69.0	68.6	-	-	96.5	98.5	98.2	-	-
Signs.....	33995	95.2	91.2	90.3	-	-	121.9	122.7	121.4	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.5	69.3	69.7	-	-	98.3	101.3	101.3	-	-
Nondurable goods.....		81.2	80.7	81.0	81.2	0.2	104.8	106.7	107.4	108.0	0.6
Food manufacturing.....	311	102.6	102.8	104.4	104.6	0.2	130.0	134.3	136.9	137.0	0.1
Sugar and confectionery products.....	3113	82.1	81.0	80.3	-	-	91.4	87.1	92.2	-	-
Fruit and vegetable preserving and specialty.....	3114	91.4	91.5	93.4	-	-	116.0	120.4	122.6	-	-
Frozen food.....	31141	78.2	91.4	93.5	-	-	101.9	122.5	127.7	-	-
Fruit and vegetable canning and drying.....	31142	95.7	92.9	89.9	-	-	115.9	119.7	114.4	-	-
Dairy products.....	3115	109.8	112.2	112.0	-	-	148.5	156.1	157.0	-	-
Animal slaughtering and processing.....	3116	99.7	98.2	101.1	-	-	128.9	129.2	133.4	-	-
Poultry processing.....	311615	97.6	98.4	99.3	-	-	124.1	128.9	129.7	-	-
Seafood product preparation and packaging.....	3117	93.1	90.2	111.6	-	-	132.2	135.2	161.8	-	-
Bakeries and tortilla manufacturing.....	3118	103.0	103.2	104.3	-	-	130.0	132.6	136.8	-	-
Textile mills.....	313	38.5	36.8	36.8	37.0	0.5	48.6	49.8	50.4	50.5	0.2
Textile product mills.....	314	51.5	53.8	52.8	54.0	2.3	63.0	67.6	66.1	68.1	3.0
Apparel.....	315	38.4	34.0	34.0	33.5	-1.5	57.5	51.8	51.8	49.7	-4.1
Paper and paper products.....	322	67.3	66.4	66.3	67.2	1.4	86.2	85.8	85.6	86.2	0.7
Pulp, paper, and paperboard mills.....	3221	65.2	62.3	62.2	-	-	82.1	79.0	78.7	-	-
Converted paper products.....	3222	68.3	68.6	68.4	-	-	89.4	90.7	90.5	-	-
Paperboard containers.....	32221	69.9	68.5	68.8	-	-	89.6	89.4	89.7	-	-
Corrugated and solid fiber boxes.....	322211	68.6	67.3	67.7	-	-	82.9	85.7	86.2	-	-
Paper bags and coated and treated paper.....	32222	71.3	71.2	70.5	-	-	91.4	94.7	93.3	-	-
Printing and related support activities.....	323	65.0	63.5	63.8	62.9	-1.4	80.6	79.2	79.6	79.0	-0.8
Petroleum and coal products.....	324	103.8	104.5	103.9	104.4	0.5	169.3	176.3	175.3	177.6	1.3
Chemicals.....	325	96.1	97.6	97.3	97.7	0.4	116.7	121.9	123.2	125.2	1.6
Basic chemicals.....	3251	90.2	91.1	89.6	-	-	110.4	115.7	115.6	-	-
Resin, rubber, and artificial fibers.....	3252	86.2	81.5	81.1	-	-	109.7	111.2	112.5	-	-
Pharmaceuticals and medicines.....	3254	125.6	128.7	129.1	-	-	163.1	164.1	162.0	-	-
Soaps, cleaning compounds, and toiletries.....	3256	90.3	92.1	90.7	-	-	106.7	105.5	104.8	-	-
Plastics and rubber products.....	326	83.7	83.3	83.0	82.9	-0.1	104.4	105.4	104.9	105.0	0.1
Plastics products.....	3261	86.3	84.9	85.0	-	-	111.9	113.3	112.6	-	-
Plastics packaging materials, film, and sheet.....	32611	101.9	102.8	102.6	-	-	124.1	126.3	125.7	-	-
Foam products.....	32614,5	104.0	106.3	108.6	-	-	126.8	132.6	136.5	-	-
Other plastics products.....	32619	79.5	77.1	76.7	-	-	106.8	107.4	105.7	-	-
Rubber products.....	3262	75.1	78.3	75.9	-	-	79.7	84.3	83.4	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	99.6	94.0	94.5	94.8	0.3	119.2	116.2	117.0	117.2	0.2
Private service-providing.....		117.0	118.9	119.3	119.5	0.2	167.3	173.4	174.2	175.1	0.5

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Trade, transportation, and utilities.....		106.2	107.1	107.1	107.2	0.1	141.5	144.8	145.1	145.7	0.4
Wholesale trade.....	42	107.2	107.4	107.7	108.1	0.4	149.1	153.1	153.4	154.6	0.8
Durable goods.....	423	100.2	99.6	100.2	-	-	132.3	136.1	137.1	-	-
Motor vehicles and parts.....	4231	99.9	99.8	100.2	-	-	136.2	130.8	131.0	-	-
Motor vehicles.....	42311	99.1	98.4	98.7	-	-	131.0	129.2	128.6	-	-
New motor vehicle parts.....	42312	93.9	95.4	95.3	-	-	131.1	127.9	127.4	-	-
Furniture and furnishings.....	4232	93.2	89.5	89.7	-	-	111.0	109.3	110.4	-	-
Lumber and construction supplies.....	4233	93.9	96.6	99.0	-	-	129.1	136.5	140.3	-	-
Lumber and wood.....	42331	84.3	85.5	88.0	-	-	116.6	123.3	127.5	-	-
Masonry materials.....	42332	98.9	101.4	101.2	-	-	124.3	134.7	135.7	-	-
Roofing, siding, and other construction materials.....	42333,9	113.8	119.7	123.4	-	-	167.1	173.8	177.0	-	-
Commercial equipment.....	4234	92.9	94.1	94.4	-	-	115.2	126.3	127.9	-	-
Office equipment.....	42342	72.8	72.5	71.6	-	-	95.7	100.7	102.3	-	-
Computer and software.....	42343	77.5	82.4	83.0	-	-	91.0	108.2	108.5	-	-
Medical equipment.....	42345	131.1	125.0	125.2	-	-	178.1	176.3	178.2	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	102.1	107.2	107.5	-	-	141.9	155.1	156.4	-	-
Metals and minerals.....	4235	102.6	99.0	99.2	-	-	137.2	139.9	139.0	-	-
Electric goods.....	4236	93.5	93.5	94.6	-	-	123.9	129.4	131.0	-	-
Electrical equipment and wiring.....	42361	105.5	106.0	105.9	-	-	141.0	148.9	147.8	-	-
Electric appliances and other electronic parts.....	42362,9	83.9	83.2	84.7	-	-	109.6	114.2	117.0	-	-
Hardware and plumbing.....	4237	106.7	108.5	108.6	-	-	146.3	155.9	156.1	-	-
Hardware.....	42371	109.7	110.0	109.7	-	-	161.1	167.8	166.5	-	-
Plumbing equipment.....	42372	108.0	113.5	112.9	-	-	159.2	171.6	170.3	-	-
HVAC and refrigeration equipment.....	42373,4	103.4	101.6	101.9	-	-	124.4	131.5	133.3	-	-
Machinery and supplies.....	4238	106.5	104.0	104.9	-	-	144.7	145.7	146.5	-	-
Construction equipment.....	42381	110.3	107.5	107.9	-	-	138.9	140.9	140.3	-	-
Farm and garden equipment.....	42382	105.5	103.2	106.5	-	-	157.2	162.5	171.9	-	-
Industrial machinery.....	42383	104.9	101.9	102.4	-	-	144.9	145.8	145.7	-	-
Industrial supplies.....	42384	127.3	126.2	126.5	-	-	173.6	172.8	176.5	-	-
Miscellaneous durable goods.....	4239	114.7	111.7	110.8	-	-	165.5	159.6	158.0	-	-
Sporting goods.....	42391	101.5	96.5	96.8	-	-	132.5	130.7	132.5	-	-
Recyclable materials.....	42393	117.8	114.3	113.0	-	-	147.6	147.2	146.0	-	-
Nondurable goods.....	424	104.6	106.4	106.8	-	-	143.2	147.2	147.9	-	-
Paper and paper products.....	4241	84.0	83.6	83.8	-	-	125.6	120.4	120.7	-	-
Druggists' goods.....	4242	89.1	87.2	87.3	-	-	128.4	128.0	128.3	-	-
Apparel and piece goods.....	4243	105.3	109.4	107.1	-	-	146.0	145.8	142.7	-	-
Grocery and related products.....	4244	110.3	114.5	114.0	-	-	147.5	156.2	157.0	-	-
General line grocery.....	42441	107.7	111.9	112.3	-	-	144.6	151.4	156.4	-	-
Fruits and vegetables.....	42448	139.3	142.4	139.8	-	-	181.2	194.1	190.4	-	-
Farm product raw materials.....	4245	107.6	110.8	111.8	-	-	158.6	169.8	170.5	-	-
Chemicals.....	4246	104.9	102.9	103.6	-	-	130.4	136.9	140.0	-	-
Petroleum.....	4247	104.1	100.3	102.1	-	-	158.8	157.7	162.0	-	-
Alcoholic beverages.....	4248	145.4	147.5	148.2	-	-	189.0	191.8	192.0	-	-
Misc. nondurable goods.....	4249	94.7	97.7	98.8	-	-	127.8	134.9	135.1	-	-
Farm supplies.....	42491	106.5	106.5	110.5	-	-	142.0	142.6	148.3	-	-
Nursery stock and florists' supplies.....	42493	70.8	76.7	79.1	-	-	108.5	108.7	111.3	-	-
Electronic markets and agents and brokers.....	425	151.5	150.2	150.0	-	-	238.2	241.6	240.2	-	-
Business to business electronic markets.....	42511	46.4	46.0	46.1	-	-	66.2	65.4	65.2	-	-
Wholesale trade agents and brokers.....	42512	167.3	166.1	165.4	-	-	257.7	261.9	259.5	-	-
Retail trade.....		101.1	101.6	102.0	101.7	-0.3	128.6	131.0	131.1	131.3	0.2
Motor vehicle and parts dealers.....	441	110.8	112.7	113.0	-	-	132.3	135.4	135.4	-	-
Automobile dealers.....	4411	109.5	112.0	112.1	-	-	125.1	128.2	128.3	-	-
New car dealers.....	44111	105.1	107.0	107.2	-	-	120.1	121.3	121.9	-	-
Used car dealers.....	44112	166.4	174.8	176.9	-	-	213.6	245.1	245.7	-	-
Other motor vehicle dealers.....	4412	107.1	109.5	110.3	-	-	147.5	155.6	149.8	-	-

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Auto parts, accessories, and tire stores.....	4413	115.4	115.0	114.7	-	-	154.9	155.5	154.7	-	-
Automotive parts and accessories stores.....	44131	114.3	113.8	113.5	-	-	161.8	161.4	160.4	-	-
Tire dealers.....	44132	116.4	116.8	117.6	-	-	141.6	143.9	144.7	-	-
Furniture and home furnishings stores.....	442	88.5	92.4	94.4	-	-	113.5	123.0	126.1	-	-
Furniture stores.....	4421	87.2	90.6	92.4	-	-	110.2	118.8	121.6	-	-
Home furnishings stores.....	4422	89.8	94.4	96.5	-	-	118.0	129.0	132.0	-	-
Floor covering stores.....	44221	69.8	72.9	72.3	-	-	95.0	101.1	101.3	-	-
Other home furnishings stores.....	44229	106.5	111.5	116.6	-	-	144.9	160.5	167.4	-	-
Electronics and appliance stores.....	443	107.9	107.3	107.6	-	-	154.0	159.1	158.8	-	-
Household appliance stores.....	443141	68.8	66.2	63.7	-	-	86.9	86.1	83.8	-	-
Electronics stores.....	443142	115.4	114.8	115.9	-	-	164.4	169.8	170.0	-	-
Building material and garden supply stores.....	444	95.9	96.9	98.4	-	-	118.7	123.1	124.6	-	-
Building material and supplies dealers.....	4441	94.3	95.4	96.8	-	-	116.2	120.6	121.8	-	-
Home centers.....	44411	104.7	103.8	106.8	-	-	121.8	125.4	129.0	-	-
Hardware stores.....	44413	83.1	86.8	87.0	-	-	105.3	117.4	118.6	-	-
Lawn and garden equipment and supplies stores.....	4442	104.0	108.6	109.6	-	-	135.1	145.1	145.2	-	-
Food and beverage stores.....	445	93.4	92.1	92.3	-	-	112.2	110.4	110.7	-	-
Grocery stores.....	4451	94.6	93.2	93.4	-	-	114.6	112.9	113.2	-	-
Supermarkets and other grocery stores.....	44511	93.7	92.0	92.6	-	-	113.6	111.3	111.9	-	-
Convenience stores.....	44512	113.6	114.0	113.1	-	-	144.5	147.9	148.5	-	-
Specialty food stores.....	4452	77.6	76.1	76.8	-	-	89.1	85.7	86.2	-	-
Meat markets and fish and seafood markets.....	44521,2	96.5	92.0	90.5	-	-	118.2	114.5	113.6	-	-
Beer, wine, and liquor stores.....	4453	95.3	96.9	98.2	-	-	102.6	106.3	108.9	-	-
Health and personal care stores.....	446	101.3	101.7	101.5	-	-	139.2	142.1	141.0	-	-
Pharmacies and drug stores.....	44611	96.6	96.0	96.0	-	-	136.7	141.0	140.2	-	-
Cosmetic and beauty supply stores.....	44612	124.9	122.3	119.9	-	-	142.8	138.9	137.3	-	-
Optical goods stores.....	44613	124.4	134.5	135.0	-	-	187.5	195.1	188.4	-	-
Other health and personal care stores.....	44619	98.0	102.6	101.3	-	-	129.6	128.0	124.3	-	-
Gasoline stations.....	447	100.3	101.7	101.6	-	-	129.9	133.6	135.0	-	-
Gasoline stations with convenience stores.....	44711	104.7	106.1	106.2	-	-	136.1	140.3	142.0	-	-
Other gasoline stations.....	44719	77.9	79.3	77.6	-	-	101.8	104.7	102.6	-	-
Clothing and clothing accessories stores.....	448	91.2	93.7	92.8	-	-	114.0	120.6	120.8	-	-
Clothing stores.....	4481	89.9	92.3	91.2	-	-	107.4	115.1	114.6	-	-
Women's clothing stores.....	44812	121.6	121.5	118.5	-	-	148.1	164.6	161.5	-	-
Family clothing stores.....	44814	74.2	78.3	77.4	-	-	83.7	92.6	92.6	-	-
Clothing accessories stores.....	44815	133.5	137.0	127.5	-	-	180.0	181.6	168.3	-	-
Shoe stores.....	4482	114.3	120.4	119.0	-	-	178.7	190.8	188.9	-	-
Jewelry, luggage, and leather goods stores.....	4483	78.0	78.3	79.3	-	-	98.1	99.0	104.1	-	-
Sporting goods, hobby, book, and music stores.....	451	101.5	104.8	107.7	-	-	139.2	144.5	148.2	-	-
Sporting goods and musical instrument stores.....	4511	116.9	121.6	125.5	-	-	157.4	163.8	167.5	-	-
Sporting goods stores.....	45111	145.2	150.9	154.9	-	-	191.9	197.4	201.2	-	-
Hobby, toy, and game stores.....	45112	90.3	97.3	99.3	-	-	107.6	125.2	128.5	-	-
Book stores and news dealers.....	4512	55.3	53.4	52.5	-	-	76.8	77.4	78.7	-	-
General merchandise stores.....	452	110.8	110.9	111.4	-	-	135.5	137.0	137.4	-	-
Miscellaneous store retailers.....	453	86.1	85.6	85.7	-	-	110.3	110.0	111.1	-	-
Florists.....	4531	49.2	46.0	47.5	-	-	60.5	57.4	59.3	-	-
Office supplies, stationery, and gift stores.....	4532	61.2	55.8	56.5	-	-	84.9	73.9	75.0	-	-
Office supplies and stationery stores.....	45321	64.7	56.4	57.3	-	-	91.2	74.7	75.5	-	-
Gift, novelty, and souvenir stores.....	45322	57.8	56.0	55.9	-	-	76.4	74.1	74.9	-	-
Used merchandise stores.....	4533	188.7	191.2	190.1	-	-	251.5	265.4	268.6	-	-
Other miscellaneous store retailers.....	4539	102.0	108.9	107.7	-	-	127.8	141.0	140.0	-	-
Pet and pet supplies stores.....	45391	150.6	162.9	157.7	-	-	218.8	239.7	237.5	-	-
Nonstore retailers.....	454	116.6	120.0	120.5	-	-	185.7	187.0	186.0	-	-
Electronic shopping and mail-order houses.....	4541	151.9	154.5	154.7	-	-	245.3	240.9	237.5	-	-
Electronic shopping and electronic auctions.....	454111,2	387.9	406.6	402.7	-	-	723.1	689.8	672.6	-	-
Mail-order houses.....	454113	79.9	78.3	79.7	-	-	94.2	99.7	101.4	-	-

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Transportation and warehousing.....		122.2	123.7	123.8	124.0	0.2	161.2	164.0	165.2	165.2	0.0
Air transportation.....	481	70.7	71.8	71.1	—	—	142.0	148.8	148.5	—	—
Truck transportation.....	484	119.0	117.9	117.4	—	—	156.3	158.6	158.8	—	—
General freight trucking.....	4841	113.5	113.6	113.3	—	—	146.4	150.7	151.6	—	—
General freight trucking, local.....	48411	113.0	109.3	108.4	—	—	146.4	151.3	150.0	—	—
General freight trucking, long-distance.....	48412	113.6	115.4	115.0	—	—	146.2	151.0	152.3	—	—
General freight trucking, long-distance TL.....	484121	107.3	110.1	110.5	—	—	142.1	146.7	149.4	—	—
General freight trucking, long-distance LTL.....	484122	128.6	127.9	126.0	—	—	155.0	160.5	158.3	—	—
Specialized freight trucking.....	4842	133.5	129.3	128.7	—	—	186.3	180.6	180.6	—	—
Used household and office goods moving.....	48421	89.2	87.8	85.7	—	—	117.5	114.6	112.8	—	—
Other specialized trucking, local.....	48422	145.0	138.2	136.3	—	—	204.2	195.4	194.8	—	—
Other specialized trucking, long-distance.....	48423	153.1	151.3	151.8	—	—	206.8	204.5	203.3	—	—
Transit and ground passenger transportation.....	485	130.4	133.1	130.4	—	—	165.6	173.3	171.9	—	—
School and employee bus transportation.....	4854	115.5	126.0	122.5	—	—	159.4	174.5	170.9	—	—
Other ground passenger transportation.....	4859	195.0	184.9	185.4	—	—	226.8	219.3	221.1	—	—
Pipeline transportation.....	486	142.3	132.7	131.7	—	—	257.0	241.4	243.6	—	—
Support activities for transportation.....	488	125.0	120.4	121.0	—	—	161.8	156.2	157.0	—	—
Support activities for air transportation.....	4881	135.1	137.4	138.4	—	—	161.8	165.8	166.8	—	—
Airport operations.....	48811	130.4	132.8	134.7	—	—	117.7	123.1	125.6	—	—
Support activities for water transportation.....	4883	95.3	88.1	88.7	—	—	154.8	134.2	135.6	—	—
Support activities for road transportation.....	4884	131.5	125.1	124.0	—	—	137.7	131.7	130.2	—	—
Freight transportation arrangement.....	4885	129.2	126.1	126.9	—	—	174.7	176.2	178.9	—	—
Support activities for other transportation, including rail.....	4882,9	130.3	110.2	110.4	—	—	182.3	164.0	164.1	—	—
Couriers and messengers.....	492	143.6	152.1	153.0	—	—	172.2	179.1	181.0	—	—
Warehousing and storage.....	493	171.6	187.4	188.6	—	—	179.3	199.1	201.3	—	—
General warehousing and storage.....	49311	179.1	196.7	198.0	—	—	184.9	206.4	209.1	—	—
Utilities.....	22	97.2	96.8	98.2	99.2	1.0	138.3	141.6	146.2	146.7	0.3
Power generation and supply.....	2211	96.9	96.3	97.4	—	—	139.7	144.2	148.7	—	—
Electric power generation.....	22111	61.2	60.1	62.1	—	—	91.2	90.5	96.1	—	—
Fossil fuel electric power generation.....	221112	68.2	67.6	69.3	—	—	103.1	105.4	109.2	—	—
Electric power transmission and distribution.....	22112	153.9	153.1	153.9	—	—	225.9	236.9	241.9	—	—
Natural gas distribution.....	2212	93.9	93.1	94.8	—	—	130.3	132.3	135.7	—	—
Water, sewage and other systems.....	2213	109.9	117.7	116.9	—	—	145.2	154.1	156.1	—	—
Information.....	51	90.9	89.6	91.1	91.2	0.1	130.6	132.5	135.1	135.9	0.6
Publishing industries, except Internet.....	511	100.6	99.5	99.0	—	—	160.9	158.3	157.4	—	—
Newspaper, book, and directory publishers.....	5111	85.8	81.9	81.0	—	—	134.7	123.4	121.7	—	—
Newspaper publishers.....	51111	81.8	76.5	75.5	—	—	105.2	100.0	99.1	—	—
Periodical publishers.....	51112	104.8	98.3	97.7	—	—	181.3	159.6	157.2	—	—
Software publishers.....	5112	124.2	128.7	128.3	—	—	184.4	188.1	187.6	—	—
Motion picture and sound recording industries.....	512	83.4	84.6	85.3	—	—	90.7	93.9	93.6	—	—
Broadcasting, except Internet.....	515	85.9	86.3	86.9	—	—	133.1	131.1	132.7	—	—
Radio broadcasting.....	51511	90.1	89.4	90.8	—	—	153.8	145.5	147.5	—	—
Telecommunications.....	517	74.1	70.5	73.2	—	—	96.9	98.9	103.9	—	—
Wired telecommunications carriers.....	5171	83.6	79.2	83.9	—	—	106.8	107.9	115.3	—	—
Telecommunications resellers.....	517911	34.1	31.1	31.0	—	—	40.5	36.1	36.3	—	—
Data processing, hosting and related services.....	518	110.8	109.7	110.3	—	—	174.8	181.7	182.6	—	—
Other information services.....	519	211.9	226.2	225.3	—	—	308.1	332.3	338.3	—	—
Financial activities.....		109.8	111.2	111.9	112.6	0.6	171.3	178.4	179.7	181.2	0.8
Credit intermediation and related activities.....	522	101.2	103.7	104.2	—	—	154.5	160.3	162.5	—	—
Depository credit intermediation.....	5221	98.7	101.0	101.4	—	—	154.6	158.8	161.1	—	—
Commercial banking.....	52211	101.2	103.4	104.3	—	—	162.8	166.0	169.0	—	—
Savings institutions.....	52212	63.1	63.2	62.9	—	—	91.9	94.4	95.4	—	—
Credit unions and other depository credit intermediation.....	52213,9	122.2	126.7	127.7	—	—	180.5	190.9	193.8	—	—
Nondepository credit intermediation.....	5222	94.9	96.7	96.3	—	—	138.4	144.9	144.3	—	—

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Consumer lending.....	522291	114.7	115.0	115.6	-	-	140.3	141.4	139.7	-	-
Real estate credit.....	522292	88.1	89.8	89.9	-	-	121.8	129.5	128.8	-	-
Activities related to credit intermediation.....	5223	136.1	143.5	144.5	-	-	202.5	221.7	224.7	-	-
Financial transaction processing and clearing.....	52232	207.9	219.1	222.1	-	-	428.2	428.1	423.8	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	130.0	129.7	129.5	-	-	232.0	238.4	239.2	-	-
Securities brokerage.....	52312	106.4	105.0	106.1	-	-	171.9	174.5	177.1	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.2	103.5	103.5	-	-	194.5	199.3	200.4	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	171.6	172.8	173.6	-	-	288.7	300.3	302.7	-	-
Portfolio management.....	52392	159.8	157.0	158.7	-	-	271.7	287.1	290.7	-	-
Investment advice.....	52393	218.7	223.2	225.9	-	-	368.3	363.4	374.3	-	-
Insurance carriers and related activities.....	524	115.3	117.1	117.0	-	-	168.9	176.1	175.9	-	-
Insurance carriers.....	5241	104.7	106.3	106.9	-	-	156.1	164.0	164.6	-	-
Direct life and health insurance carriers.....	52411	115.5	116.2	116.6	-	-	177.8	184.8	185.1	-	-
Direct insurers, except life and health.....	52412	94.0	96.3	97.4	-	-	134.1	142.1	143.3	-	-
Reinsurance carriers.....	52413	86.3	91.0	90.2	-	-	216.8	213.0	210.5	-	-
Insurance agencies, brokerages, and related services.....	5242	136.0	138.0	137.9	-	-	197.1	201.7	202.6	-	-
Insurance agencies and brokerages.....	52421	133.5	136.3	136.5	-	-	197.3	198.3	198.9	-	-
Other insurance-related activities.....	52429	141.4	143.1	142.1	-	-	194.7	212.4	211.4	-	-
Third-party administration of insurance funds.....	524292	137.2	136.0	135.9	-	-	185.0	197.0	199.3	-	-
Real estate.....	531	113.9	116.2	116.0	-	-	175.6	186.8	187.4	-	-
Lessors of real estate.....	5311	92.5	92.7	91.2	-	-	141.5	144.6	144.0	-	-
Lessors of residential buildings.....	53111	88.7	90.2	89.2	-	-	130.8	135.7	135.4	-	-
Lessors of nonresidential buildings.....	53112	91.6	88.9	88.3	-	-	158.9	158.0	159.6	-	-
Offices of real estate agents and brokers.....	5312	100.4	101.4	102.6	-	-	159.3	172.5	177.2	-	-
Activities related to real estate.....	5313	153.9	158.7	158.8	-	-	227.1	245.7	245.1	-	-
Real estate property managers.....	53131	154.1	158.3	158.3	-	-	229.3	244.5	243.6	-	-
Residential property managers.....	531311	161.9	165.7	167.6	-	-	235.8	255.1	254.9	-	-
Nonresidential property managers.....	531312	137.5	139.8	136.3	-	-	219.1	224.7	223.7	-	-
Rental and leasing services.....	532	93.8	92.3	92.8	-	-	135.4	138.7	140.2	-	-
Home health equipment rental.....	532291	135.0	127.4	122.5	-	-	151.0	131.6	126.4	-	-
General rental centers.....	5323	71.3	73.6	74.1	-	-	73.2	75.8	76.2	-	-
Machinery and equipment rental and leasing.....	5324	127.6	125.5	127.9	-	-	197.9	200.4	206.2	-	-
Heavy machinery rental and leasing.....	53241	123.0	110.3	114.2	-	-	194.5	188.0	195.6	-	-
Office equipment and other machinery rental and leasing.....	53242,9	136.3	145.2	147.1	-	-	206.1	215.3	220.5	-	-
Professional and business services.....		128.7	130.7	131.0	131.9	0.7	189.8	197.1	198.3	200.3	1.0
Professional and technical services.....	54	137.6	141.0	141.6	-	-	205.9	215.5	217.0	-	-
Legal services.....	5411	100.8	100.7	101.2	-	-	147.4	151.8	153.8	-	-
Offices of lawyers.....	54111	99.7	99.3	99.9	-	-	146.7	150.9	152.9	-	-
Other legal services.....	54119	117.7	120.2	120.1	-	-	165.5	173.7	174.0	-	-
Title abstract and settlement offices.....	541191	98.4	104.9	104.8	-	-	119.4	136.8	137.4	-	-
Accounting and bookkeeping services.....	5412	119.4	121.3	122.6	-	-	182.8	184.9	186.5	-	-
Offices of certified public accountants.....	541211	124.4	124.1	125.9	-	-	184.9	179.9	182.4	-	-
Payroll services.....	541214	133.9	148.0	151.2	-	-	226.0	238.4	238.1	-	-
Architectural and engineering services.....	5413	115.3	116.2	117.4	-	-	172.0	175.5	177.7	-	-
Architectural services.....	54131	101.2	102.7	103.5	-	-	145.2	149.4	152.2	-	-
Landscape architectural services.....	54132	81.6	88.2	89.0	-	-	138.7	142.0	147.3	-	-
Engineering and drafting services.....	54133,4	121.7	122.3	123.7	-	-	181.3	183.5	186.1	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	102.4	95.7	95.3	-	-	141.0	152.5	153.4	-	-
Testing laboratories.....	54138	110.7	117.0	119.6	-	-	161.7	172.1	174.0	-	-
Specialized design services.....	5414	119.5	123.1	124.0	-	-	195.1	200.3	200.8	-	-
Graphic design services.....	54143	99.5	103.5	102.2	-	-	176.8	178.5	177.0	-	-
Computer systems design and related services.....	5415	171.9	179.4	178.5	-	-	239.3	255.3	254.9	-	-
Custom computer programming services.....	541511	163.8	171.1	170.1	-	-	228.2	242.4	241.0	-	-

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Computer systems design services.....	541512	207.6	217.6	215.5	-	-	276.9	293.7	291.7	-	-
Management and technical consulting services.....	5416	215.8	221.6	222.8	-	-	306.8	320.5	322.0	-	-
Management consulting services.....	54161	200.9	212.9	213.9	-	-	279.2	302.7	304.9	-	-
Administrative management consulting services.....	541611	212.0	221.7	221.0	-	-	331.6	352.9	352.3	-	-
Marketing consulting services.....	541613	340.1	358.6	358.1	-	-	444.1	467.3	470.0	-	-
Process and logistics consulting services.....	541614	211.5	221.2	224.2	-	-	225.8	259.3	263.8	-	-
Scientific research and development services.....	5417	133.3	138.0	138.1	-	-	212.6	228.0	228.3	-	-
Research and development in the physical, engineering, and life sciences.....	54171	139.9	145.5	145.7	-	-	223.6	240.9	241.6	-	-
Biotechnology research.....	541711	142.7	151.1	150.0	-	-	212.2	237.1	240.4	-	-
Physical, engineering, and life sciences research.....	541712	138.9	143.4	145.0	-	-	226.7	240.4	243.1	-	-
Social science and humanities research.....	54172	82.6	82.8	80.9	-	-	118.0	118.7	115.5	-	-
Advertising and related services.....	5418	121.4	131.0	130.7	-	-	194.5	218.7	218.6	-	-
Advertising agencies.....	54181	143.6	143.2	146.4	-	-	224.1	226.4	230.2	-	-
Public relations agencies.....	54182	119.2	131.9	129.0	-	-	180.2	206.7	203.4	-	-
Advertising material distribution and other advertising services.....	54187,9	137.7	154.7	154.4	-	-	191.8	228.3	235.9	-	-
Other professional and technical services.....	5419	150.4	152.8	155.4	-	-	229.1	239.7	245.1	-	-
Marketing research and public opinion polling.....	54191	99.0	85.4	86.4	-	-	159.3	135.3	135.3	-	-
Photographic services.....	54192	70.6	69.5	64.9	-	-	102.5	98.2	93.8	-	-
Veterinary services.....	54194	160.5	163.6	165.1	-	-	227.7	240.5	243.4	-	-
Miscellaneous professional and technical services.....	54193,9	315.0	343.5	363.0	-	-	505.1	580.2	614.5	-	-
Management of companies and enterprises.....	55	129.4	131.4	133.1	-	-	217.8	221.2	223.6	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	109.7	107.8	110.1	-	-	164.4	170.9	174.4	-	-
Managing offices.....	551114	130.6	132.4	134.3	-	-	221.5	224.1	226.8	-	-
Administrative and waste services.....	56	121.3	122.2	122.5	-	-	160.2	165.1	166.3	-	-
Administrative and support services.....	561	121.0	122.2	122.5	-	-	160.1	165.7	167.0	-	-
Office administrative services.....	5611	176.9	184.7	185.4	-	-	282.7	314.8	314.5	-	-
Facilities support services.....	5612	150.1	148.0	147.7	-	-	161.8	166.5	169.4	-	-
Employment services.....	5613	114.7	115.4	114.7	-	-	146.7	148.6	148.6	-	-
Employment placement agencies and executive search services.....	56131	105.1	106.8	104.2	-	-	173.8	179.1	172.0	-	-
Temporary help services.....	56132	138.2	138.1	138.2	-	-	173.2	173.8	175.2	-	-
Professional employer organizations.....	56133	49.8	49.4	48.8	-	-	64.1	64.5	63.8	-	-
Business support services.....	5614	130.1	132.7	132.9	-	-	172.9	183.0	184.6	-	-
Telephone call centers.....	56142	165.5	166.6	167.2	-	-	231.5	236.6	238.5	-	-
Business service centers.....	56143	92.2	97.9	97.6	-	-	116.5	134.1	137.1	-	-
Collection agencies.....	56144	93.0	93.5	93.8	-	-	127.3	132.9	130.8	-	-
Travel arrangement and reservation services.....	5615	86.5	86.6	86.6	-	-	129.7	137.8	137.9	-	-
Travel agencies.....	56151	73.6	74.4	75.6	-	-	98.1	99.5	102.5	-	-
Investigation and security services.....	5616	121.3	123.2	122.9	-	-	166.2	174.6	175.4	-	-
Security and armored car services.....	56161	118.2	121.1	120.5	-	-	160.1	169.6	169.8	-	-
Security systems services.....	56162	136.0	136.2	137.5	-	-	188.0	192.1	197.8	-	-
Services to buildings and dwellings.....	5617	128.3	129.6	130.6	-	-	169.2	177.2	179.7	-	-
Exterminating and pest control services.....	56171	138.6	147.5	149.4	-	-	202.9	223.4	226.2	-	-
Janitorial services.....	56172	125.4	126.7	126.7	-	-	160.3	169.8	171.5	-	-
Landscaping services.....	56173	132.7	134.2	136.1	-	-	179.0	185.1	189.0	-	-
Carpet and upholstery cleaning services.....	56174	86.0	93.7	93.8	-	-	122.5	127.0	127.4	-	-
Other services to buildings and dwellings.....	56179	130.3	118.5	118.1	-	-	146.0	146.1	146.3	-	-
Other support services.....	5619	98.7	105.6	107.7	-	-	128.3	136.9	139.9	-	-
Packaging and labeling services.....	56191	113.4	128.9	131.7	-	-	167.2	192.6	197.9	-	-
Convention and trade show organizers.....	56192	85.1	87.9	86.6	-	-	100.0	107.1	103.1	-	-
All other support services.....	56199	98.3	103.7	105.0	-	-	135.0	138.3	142.8	-	-
Waste management and remediation services.....	562	125.6	123.5	124.6	-	-	158.6	157.3	159.5	-	-
Waste collection.....	5621	149.8	151.1	152.5	-	-	193.0	202.9	205.2	-	-
Waste treatment and disposal.....	5622	88.4	88.7	89.5	-	-	130.7	127.6	130.8	-	-
Remediation and other waste services.....	5629	140.3	135.7	135.1	-	-	156.1	151.9	152.6	-	-

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Education and health services.....		132.7	136.2	136.7	137.0	0.2	193.7	201.5	202.1	203.3	0.6
Health care and social assistance.....	62	134.2	137.9	138.3	—	—	197.4	206.1	206.5	—	—
Health care ⁵	621,2,3	131.3	134.6	135.0	—	—	197.7	206.1	206.2	—	—
Ambulatory health care services.....	621	150.1	154.1	154.6	—	—	224.8	235.3	235.0	—	—
Offices of physicians.....	6211	131.8	133.3	133.3	—	—	227.4	231.6	231.8	—	—
Offices of physicians, except mental health.....	621111	131.9	133.4	133.5	—	—	228.5	232.7	232.9	—	—
Offices of mental health physicians.....	621112	131.2	121.5	121.4	—	—	172.7	172.1	170.9	—	—
Offices of dentists.....	6212	124.4	129.7	129.2	—	—	167.8	179.8	178.7	—	—
Offices of other health practitioners.....	6213	159.6	169.0	170.4	—	—	226.5	243.5	244.4	—	—
Offices of chiropractors.....	62131	135.0	140.0	138.2	—	—	189.0	192.0	191.0	—	—
Offices of optometrists.....	62132	150.1	149.6	152.6	—	—	212.6	212.7	215.7	—	—
Offices of mental health practitioners.....	62133	106.7	114.9	114.8	—	—	133.1	145.4	145.3	—	—
Offices of specialty therapists.....	62134	179.7	193.1	193.4	—	—	253.2	276.8	276.9	—	—
Offices of all other health practitioners.....	62139	200.9	217.5	223.8	—	—	286.4	320.5	324.9	—	—
Outpatient care centers.....	6214	193.5	201.5	202.4	—	—	282.2	300.6	299.7	—	—
Outpatient mental health centers.....	62142	161.3	165.1	166.0	—	—	200.3	213.3	211.6	—	—
Outpatient care centers, except mental health.....	62141,9	210.3	220.5	221.3	—	—	318.9	339.9	338.8	—	—
Freestanding emergency medical centers.....	621493	202.4	210.2	207.3	—	—	324.3	327.9	318.3	—	—
Miscellaneous outpatient care centers.....	621410,98	201.7	211.7	212.7	—	—	300.6	329.0	328.6	—	—
Medical and diagnostic laboratories.....	6215	152.3	150.1	149.9	—	—	208.2	216.5	216.4	—	—
Medical laboratories.....	621511	154.6	153.0	152.9	—	—	208.0	225.1	226.6	—	—
Diagnostic imaging centers.....	621512	144.3	142.4	140.8	—	—	204.9	195.5	190.5	—	—
Home health care services.....	6216	192.3	202.3	205.8	—	—	247.5	272.3	276.6	—	—
Other ambulatory health care services.....	6219	155.9	157.8	156.7	—	—	229.7	236.3	234.8	—	—
Ambulance services.....	62191	154.9	165.2	164.9	—	—	216.8	234.6	234.6	—	—
All other ambulatory health care services.....	62199	157.8	145.9	143.8	—	—	246.2	237.6	231.9	—	—
Hospitals.....	622	122.3	125.9	126.8	—	—	193.1	201.0	201.7	—	—
General medical and surgical hospitals.....	6221	119.4	123.1	123.7	—	—	190.3	198.2	198.3	—	—
Nursing and residential care facilities.....	623	116.3	118.3	118.1	—	—	150.1	155.7	156.0	—	—
Nursing care facilities.....	6231	102.5	103.4	103.2	—	—	134.1	139.0	139.1	—	—
Residential mental health facilities.....	6232	125.0	129.2	129.1	—	—	161.6	169.4	170.0	—	—
Residential intellectual and developmental disability facilities.....	62321	118.9	121.3	121.2	—	—	146.1	152.0	153.0	—	—
Residential mental health and substance abuse facilities.....	62322	139.1	147.1	147.2	—	—	192.2	203.7	204.4	—	—
Community care facilities for the elderly.....	6233	157.8	161.7	161.2	—	—	204.7	213.2	213.4	—	—
Continuing care retirement communities.....	623311	190.1	193.6	193.5	—	—	250.3	260.0	260.4	—	—
Assisted living facilities for the elderly.....	623312	131.3	135.7	134.7	—	—	163.8	170.4	170.7	—	—
Other residential care facilities.....	6239	92.7	95.5	94.8	—	—	120.6	123.6	122.8	—	—
Social assistance.....	624	153.1	156.9	157.5	—	—	200.4	208.6	209.7	—	—
Individual and family services.....	6241	204.7	210.3	211.2	—	—	257.0	269.8	272.0	—	—
Child and youth services.....	62411	124.3	123.9	125.9	—	—	166.1	171.9	175.1	—	—
Services for the elderly and persons with disabilities.....	62412	260.9	269.9	269.6	—	—	332.4	352.4	353.1	—	—
Other individual and family services.....	62419	130.1	135.3	136.0	—	—	182.9	192.4	193.7	—	—
Emergency and other relief services.....	6242	121.1	125.8	127.1	—	—	169.7	179.2	181.6	—	—
Vocational rehabilitation services.....	6243	88.9	88.8	88.1	—	—	119.3	118.4	116.5	—	—
Child day care services.....	6244	119.9	124.2	124.4	—	—	158.3	166.9	167.3	—	—
Leisure and hospitality.....		122.7	124.2	124.7	125.1	0.3	172.9	180.8	181.8	183.4	0.9
Arts, entertainment, and recreation.....	71	114.3	112.4	115.0	—	—	154.8	157.0	161.5	—	—
Performing arts and spectator sports.....	711	120.2	118.5	123.6	—	—	167.2	175.0	187.1	—	—
Performing arts companies.....	7111	99.3	95.6	99.8	—	—	174.2	176.1	192.6	—	—
Spectator sports.....	7112	106.7	103.8	106.8	—	—	126.5	139.3	144.8	—	—
Arts and sports promoters and agents and managers for public figures.....	7113,4	171.1	178.7	190.7	—	—	215.4	235.5	255.7	—	—
Independent artists, writers, and performers.....	7115	136.2	127.9	122.6	—	—	210.6	201.0	193.4	—	—
Museums, historical sites, and similar institutions.....	712	121.1	128.2	128.5	—	—	162.8	177.1	176.4	—	—

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				
		July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P	July 2015	May 2016	June 2016 ^P	July 2016 ^P	Percent change from: June2016 - July2016 ^P
Museums.....	71211	112.9	116.7	117.9	-	-	145.9	160.4	162.3	-	-
Historical sites and other similar institutions.....	71212,3,9	136.7	145.6	144.9	-	-	202.0	209.3	207.6	-	-
Amusements, gambling, and recreation.....	713	110.8	109.4	109.8	-	-	146.4	146.9	147.0	-	-
Gambling industries.....	7132	94.8	96.6	97.8	-	-	138.4	149.5	149.5	-	-
Golf courses and country clubs.....	71391	116.1	117.9	119.4	-	-	151.2	157.7	159.9	-	-
Skiing facilities.....	71392	167.9	163.7	162.7	-	-	246.5	265.9	273.3	-	-
Marinas.....	71393	96.0	110.7	107.8	-	-	136.8	161.1	157.0	-	-
Fitness and recreational sports centers.....	71394	102.7	97.9	97.8	-	-	120.3	122.9	122.9	-	-
Bowling centers.....	71395	78.9	74.4	75.4	-	-	101.0	97.5	100.4	-	-
Accommodation and food services.....	72	123.7	126.2	126.4	-	-	177.0	186.5	187.2	-	-
Accommodation.....	721	107.0	107.0	108.2	-	-	148.8	151.3	153.1	-	-
Traveler accommodation.....	7211	106.0	106.1	106.9	-	-	147.5	150.3	151.5	-	-
Hotels and motels, except casino hotels.....	72111	109.7	110.0	110.8	-	-	154.9	157.4	158.9	-	-
RV parks and recreational camps.....	7212	147.4	144.0	145.0	-	-	199.5	196.0	198.4	-	-
Food services and drinking places.....	722	128.2	130.6	130.7	-	-	186.4	196.9	197.7	-	-
Special food services.....	7223	131.0	121.3	120.7	-	-	180.6	173.5	171.7	-	-
Food service contractors.....	72231	132.2	120.4	119.2	-	-	176.6	167.5	163.8	-	-
Caterers and mobile food services.....	72232,3	123.8	123.3	125.3	-	-	188.9	194.3	200.7	-	-
Drinking places, alcoholic beverages.....	7224	90.8	95.3	94.1	-	-	140.0	167.0	163.6	-	-
Restaurants and other eating places.....	7225	130.1	132.6	132.8	-	-	189.2	200.2	201.2	-	-
Full-service restaurants.....	722511	126.6	129.5	129.9	-	-	194.1	206.2	207.7	-	-
Limited-service restaurants.....	722513	131.0	134.1	134.8	-	-	177.1	188.1	189.4	-	-
Cafeterias, grill buffets, and buffets.....	722514	85.1	82.4	81.9	-	-	110.1	109.5	108.0	-	-
Snack and nonalcoholic beverage bars.....	722515	185.5	192.8	194.0	-	-	258.4	274.8	277.2	-	-
Other services.....	81	100.7	101.7	102.2	102.3	0.1	139.5	142.3	142.9	143.2	0.2
Repair and maintenance.....	811	106.1	106.5	106.9	-	-	141.0	143.0	143.2	-	-
Automotive repair and maintenance.....	8111	102.5	105.2	105.8	-	-	134.0	139.8	139.8	-	-
Automotive mechanical and electrical repair.....	81111	102.8	104.4	103.5	-	-	133.2	137.2	136.1	-	-
General automotive repair.....	811111	115.8	117.6	115.8	-	-	147.8	152.0	149.8	-	-
Automotive body, interior, and glass repair.....	81112	99.9	103.9	102.8	-	-	133.0	141.1	139.1	-	-
Other automotive repair and maintenance.....	81119	105.6	107.6	114.9	-	-	139.3	145.3	155.6	-	-
Car washes.....	811192	112.3	112.4	122.4	-	-	148.2	152.8	167.4	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	96.2	102.0	104.0	-	-	129.0	138.0	140.7	-	-
Electronic equipment repair and maintenance.....	8112	100.3	92.9	93.0	-	-	132.2	121.6	120.8	-	-
Computer and office machine repair.....	811212	89.7	84.8	82.1	-	-	115.0	108.9	104.7	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	108.5	100.9	102.9	-	-	144.6	132.8	134.7	-	-
Commercial machinery repair and maintenance.....	8113	140.7	134.0	134.8	-	-	192.6	189.3	190.9	-	-
Household goods repair and maintenance.....	8114	82.3	81.3	81.8	-	-	101.5	99.4	98.3	-	-
Personal and laundry services.....	812	103.2	104.8	105.4	-	-	138.0	143.4	143.8	-	-
Personal care services.....	8121	117.9	122.3	122.6	-	-	168.6	178.5	179.8	-	-
Hair, nail, and skin care services.....	81211	107.9	112.4	112.7	-	-	149.4	159.1	160.8	-	-
Other personal care services.....	81219	196.8	196.8	198.8	-	-	335.1	339.3	342.3	-	-
Death care services.....	8122	90.6	94.7	91.8	-	-	115.0	131.7	124.4	-	-
Drycleaning and laundry services.....	8123	78.5	80.0	80.6	-	-	99.5	103.0	103.5	-	-
Coin-operated laundries and drycleaners.....	81231	72.7	80.0	80.3	-	-	85.9	96.6	97.0	-	-
Drycleaning and laundry services, except coin-operated.....	81232	64.5	63.3	64.0	-	-	82.6	83.8	85.1	-	-
Linen and uniform supply.....	81233	99.4	101.7	102.5	-	-	120.3	123.6	122.5	-	-
Other personal services.....	8129	124.3	122.9	124.9	-	-	151.8	148.9	150.6	-	-
Pet care services, except veterinary.....	81291	294.0	293.8	303.9	-	-	336.4	326.3	339.2	-	-
Parking lots and garages.....	81293	132.7	129.0	128.0	-	-	161.4	161.4	158.8	-	-
Membership associations and organizations.....	813	97.1	98.2	98.7	-	-	139.4	141.7	142.6	-	-
Grantmaking and giving services.....	8132	142.8	140.6	140.8	-	-	260.9	255.5	254.9	-	-
Grantmaking foundations.....	813211	249.3	251.0	252.2	-	-	454.6	453.1	454.4	-	-
Social advocacy organizations.....	8133	118.6	119.8	121.6	-	-	175.5	186.3	188.7	-	-

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				
		July 2015	May 2016	June 2016 ^p	July 2016 ^p	Percent change from: June2016 - July2016 ^p	July 2015	May 2016	June 2016 ^p	July 2016 ^p	Percent change from: June2016 - July2016 ^p
Human rights organizations.....	813311	110.5	109.6	110.8	—	—	153.6	157.8	161.9	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	121.2	122.9	125.8	—	—	183.1	196.4	199.7	—	—
Civic and social organizations.....	8134	77.3	78.9	79.4	—	—	98.9	104.9	105.4	—	—
Professional and similar organizations.....	8139	91.9	97.3	99.2	—	—	134.6	141.8	144.9	—	—
Business associations.....	81391	93.0	97.7	99.0	—	—	136.1	145.3	146.2	—	—
Professional organizations.....	81392	134.5	134.6	136.3	—	—	204.1	205.6	207.4	—	—
Labor unions and similar labor organizations.....	81393	74.5	75.4	81.2	—	—	105.8	106.5	112.9	—	—
Miscellaneous professional and similar organizations. . .	81394,9	90.3	99.2	103.4	—	—	137.3	150.3	165.7	—	—

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

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

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

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

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

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