

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Total private.....		112.7	114.8	115.0	115.1	0.1	162.9	169.0	169.6	170.1	0.3
Goods-producing.....		88.9	90.9	91.0	91.6	0.7	123.3	128.4	129.2	130.2	0.8
Mining and logging.....		111.2	123.5	124.3	124.7	0.3	175.2	198.6	201.6	201.5	0.0
Logging.....	1133	74.4	76.3	76.0	-	-	107.9	106.5	105.1	-	-
Mining.....	21	115.9	130.0	130.9	-	-	182.8	209.4	212.7	-	-
Oil and gas extraction.....	211	146.3	137.9	141.2	-	-	260.0	252.5	258.3	-	-
Mining, except oil and gas.....	212	83.7	86.9	86.2	-	-	118.7	124.8	123.8	-	-
Coal mining.....	2121	63.6	68.5	68.4	-	-	91.1	102.1	101.8	-	-
Stone mining and quarrying.....	21231	83.4	86.5	85.7	-	-	114.0	121.1	122.3	-	-
Crushed and broken limestone mining.....	212312	75.9	80.8	79.8	-	-	109.4	116.6	117.8	-	-
Other stone mining and quarrying.....	212311,3,9	92.5	94.7	92.9	-	-	119.8	129.0	128.1	-	-
Support activities for mining.....	213	140.5	175.7	178.1	-	-	230.9	301.0	311.2	-	-
Support activities for oil and gas operations.....	213112	154.3	190.6	194.2	-	-	279.2	354.8	372.5	-	-
Construction.....	23	99.3	102.8	102.6	102.9	0.3	139.8	147.8	148.2	148.9	0.5
Construction of buildings.....	236	91.1	93.2	92.9	-	-	132.1	136.3	136.6	-	-
Residential building.....	2361	87.7	88.1	87.3	-	-	123.5	124.4	123.7	-	-
New single-family general contractors.....	236115	67.1	67.3	67.0	-	-	95.4	95.9	95.9	-	-
Residential remodelers.....	236118	126.9	126.0	124.9	-	-	173.2	168.6	167.3	-	-
Nonresidential building.....	2362	94.4	98.2	97.6	-	-	139.2	145.8	146.0	-	-
Industrial building.....	23621	85.8	93.1	94.0	-	-	129.5	142.2	144.9	-	-
Commercial building.....	23622	97.3	99.9	98.9	-	-	141.9	146.9	146.6	-	-
Heavy and civil engineering construction.....	237	97.0	106.5	107.4	-	-	147.8	169.4	171.6	-	-
Utility system construction.....	2371	120.9	131.0	132.2	-	-	193.4	215.7	219.3	-	-
Water and sewer system construction.....	23711	97.5	104.3	103.4	-	-	137.5	151.4	150.5	-	-
Oil and gas pipeline construction.....	23712	151.1	181.5	192.8	-	-	280.1	348.3	377.4	-	-
Power and communication system construction.....	23713	132.4	131.2	130.0	-	-	217.3	212.3	210.3	-	-
Land subdivision.....	2372	20.9	27.1	29.2	-	-	40.8	47.8	50.2	-	-
Highway, street, and bridge construction.....	2373	88.7	98.1	98.8	-	-	124.6	140.6	141.4	-	-
Other heavy construction.....	2379	85.2	90.3	88.8	-	-	126.5	165.3	165.8	-	-
Specialty trade contractors.....	238	102.1	104.9	104.4	-	-	139.6	146.2	145.8	-	-
Building foundation and exterior contractors.....	2381	95.3	98.0	96.8	-	-	127.3	133.9	132.5	-	-
Poured concrete structure contractors.....	23811	114.1	125.8	123.8	-	-	167.5	188.6	184.2	-	-
Steel and precast concrete contractors.....	23812	94.7	93.5	93.6	-	-	125.7	124.9	125.7	-	-
Framing contractors.....	23813	63.2	67.7	67.0	-	-	75.5	82.0	81.5	-	-
Masonry contractors.....	23814	69.8	65.5	66.1	-	-	89.0	87.5	88.6	-	-
Glass and glazing contractors.....	23815	121.4	128.1	123.4	-	-	162.7	167.1	163.0	-	-
Roofing contractors.....	23816	108.0	113.5	112.0	-	-	146.8	158.9	158.4	-	-
Siding contractors.....	23817	117.6	118.9	114.8	-	-	208.4	185.0	182.9	-	-
Other building exterior contractors.....	23819	135.5	125.4	118.9	-	-	167.1	167.0	155.8	-	-
Building equipment contractors.....	2382	111.5	112.2	112.3	-	-	152.0	154.3	154.8	-	-
Electrical contractors.....	23821	99.8	98.1	98.4	-	-	138.7	137.4	138.0	-	-
Plumbing and HVAC contractors.....	23822	120.9	124.7	124.7	-	-	161.7	169.4	170.2	-	-
Other building equipment contractors.....	23829	135.1	132.7	134.0	-	-	180.1	179.4	179.5	-	-
Building finishing contractors.....	2383	86.2	89.3	89.3	-	-	118.0	126.5	127.0	-	-
Drywall and insulation contractors.....	23831	73.5	75.2	75.1	-	-	103.6	110.8	111.6	-	-
Painting and wall covering contractors.....	23832	90.1	95.3	93.3	-	-	115.2	124.2	122.8	-	-
Flooring contractors.....	23833	87.8	94.5	93.9	-	-	117.7	131.8	132.8	-	-
Tile and terrazzo contractors.....	23834	107.3	107.7	108.5	-	-	159.6	185.8	186.6	-	-
Finish carpentry contractors.....	23835	97.6	99.1	96.8	-	-	137.4	139.4	132.6	-	-
Other building finishing contractors.....	23839	103.4	104.6	104.3	-	-	155.4	152.9	152.1	-	-
Other specialty trade contractors.....	2389	109.8	117.5	116.6	-	-	152.5	167.7	166.2	-	-
Site preparation contractors.....	23891	108.6	117.5	116.8	-	-	151.3	165.7	164.6	-	-
All other specialty trade contractors.....	23899	109.9	116.1	115.1	-	-	152.7	168.0	166.5	-	-
Manufacturing.....		83.0	84.0	84.3	85.0	0.8	111.6	114.3	115.2	116.1	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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Durable goods.....		84.1	84.9	85.0	85.8	0.9	113.4	115.3	116.1	117.4	1.1
Wood products.....	321	71.3	72.4	72.3	72.6	0.4	97.6	102.2	102.5	103.2	0.7
Sawmills and wood preservation.....	3211	74.2	75.9	75.8	-	-	100.3	102.3	102.2	-	-
Plywood and engineered wood products.....	3212	69.6	64.9	65.3	-	-	97.6	94.5	96.3	-	-
Other wood products.....	3219	71.3	73.9	73.8	-	-	97.3	105.7	105.8	-	-
Millwork.....	32191	66.2	65.2	65.2	-	-	89.2	92.2	92.9	-	-
Wood windows and doors.....	321911	62.1	65.8	65.8	-	-	90.8	100.0	100.9	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	69.5	63.5	64.4	-	-	86.8	83.5	84.7	-	-
Wood containers and pallets.....	32192	95.6	107.1	105.8	-	-	144.6	168.1	164.5	-	-
All other wood products.....	32199	63.3	65.9	65.5	-	-	83.8	92.6	92.8	-	-
Nonmetallic mineral products.....	327	75.4	78.4	78.9	77.4	-1.9	99.6	102.6	103.2	101.1	-2.0
Cement and concrete products.....	3273	84.5	87.1	86.5	-	-	112.6	112.9	113.4	-	-
Ready-mix concrete.....	32732	78.7	81.9	81.7	-	-	102.7	107.4	109.5	-	-
Other cement and concrete products.....	32731,3,9	91.8	93.5	93.2	-	-	126.3	120.3	120.1	-	-
Primary metals.....	331	76.2	77.1	77.6	77.7	0.1	100.3	100.4	101.7	101.5	-0.2
Foundries.....	3315	63.9	64.3	62.8	-	-	82.0	80.5	80.0	-	-
Fabricated metal products.....	332	93.2	95.3	95.6	96.8	1.3	125.2	130.6	131.1	133.2	1.6
Forging and stamping.....	3321	90.4	90.9	91.7	-	-	119.2	122.8	123.2	-	-
Architectural and structural metals.....	3323	94.6	92.8	91.7	-	-	125.1	125.2	124.9	-	-
Plate work and fabricated structural products.....	33231	93.5	89.4	89.3	-	-	129.0	124.5	124.7	-	-
Fabricated structural metal products.....	332312	98.3	90.9	92.7	-	-	135.7	126.7	129.7	-	-
Ornamental and architectural metal products.....	33232	96.1	95.7	93.1	-	-	122.9	125.8	124.2	-	-
Sheet metal work.....	332322	111.6	111.5	110.1	-	-	139.7	141.5	142.8	-	-
Boilers, tanks, and shipping containers.....	3324	97.0	98.9	96.6	-	-	129.9	132.1	127.7	-	-
Machine shops and threaded products.....	3327	114.6	118.9	120.9	-	-	148.8	160.5	163.4	-	-
Machine shops.....	33271	123.4	130.8	133.4	-	-	162.4	177.0	180.2	-	-
Turned products and screws, nuts, and bolts.....	33272	92.5	89.4	89.3	-	-	112.9	117.8	119.8	-	-
Coating, engraving, and heat treating metals.....	3328	92.4	94.5	93.1	-	-	124.2	130.2	127.1	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	114.0	115.6	115.7	-	-	150.7	152.6	151.4	-	-
Electroplating, anodizing, and coloring metals.....	332813	74.1	77.2	74.6	-	-	100.0	110.9	106.1	-	-
Other fabricated metal products.....	3329	92.5	99.6	101.7	-	-	129.6	142.0	142.5	-	-
Metal valves.....	33291	81.9	87.1	88.2	-	-	118.9	130.3	129.4	-	-
All other fabricated metal products.....	33299	98.3	106.5	109.0	-	-	135.6	148.6	149.6	-	-
Machinery.....	333	91.0	93.8	93.9	94.5	0.6	125.4	131.7	132.6	133.0	0.3
Agricultural, construction, and mining machinery.....	3331	102.0	122.5	122.2	-	-	145.9	182.4	183.7	-	-
Farm machinery and equipment.....	333111	88.2	91.1	91.9	-	-	127.3	131.4	133.1	-	-
Industrial machinery.....	3332	93.3	92.5	93.5	-	-	132.3	129.7	131.6	-	-
Commercial and service industry machinery.....	3333	72.9	76.0	74.3	-	-	114.1	113.3	112.5	-	-
HVAC and commercial refrigeration equipment.....	3334	86.9	83.4	83.3	-	-	119.1	114.9	115.9	-	-
Metalworking machinery.....	3335	85.8	85.3	85.5	-	-	112.3	113.3	112.8	-	-
Special tools, dies, jigs, and fixtures.....	333514	77.2	73.5	73.5	-	-	103.4	99.6	99.5	-	-
Turbine and power transmission equipment.....	3336	80.4	81.7	79.2	-	-	102.0	109.8	107.4	-	-
Other general purpose machinery.....	3339	101.5	99.6	101.7	-	-	140.8	142.9	146.9	-	-
Computer and electronic products.....	334	82.7	83.5	83.6	84.3	0.8	124.8	125.3	127.4	127.3	-0.1
Communications equipment.....	3342	57.7	59.9	61.8	-	-	73.7	74.5	78.5	-	-
Semiconductors and electronic components.....	3344	72.2	70.4	70.6	-	-	100.8	100.5	101.6	-	-
Semiconductors and related devices.....	334413	74.6	73.8	74.5	-	-	123.0	121.2	123.5	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	67.9	63.9	63.4	-	-	94.8	88.8	89.2	-	-
Electronic instruments.....	3345	125.4	127.2	127.2	-	-	214.1	215.5	217.3	-	-
Electrical equipment and appliances.....	335	78.9	78.1	79.0	78.2	-1.0	108.9	109.1	111.2	109.8	-1.3
Electrical equipment.....	3353	84.7	79.3	79.0	-	-	118.2	112.0	113.6	-	-
Other electrical equipment and components.....	3359	87.5	89.4	91.3	-	-	121.3	127.4	130.2	-	-
Transportation equipment.....	336	91.1	89.6	89.8	92.4	2.9	111.4	109.1	110.1	113.8	3.4
Motor vehicles and parts ⁴	3361,2,3	83.7	82.5	82.6	85.1	3.0	86.9	83.7	84.8	87.6	3.3
Motor vehicles.....	3361	80.0	77.1	76.1	-	-	87.1	80.6	80.0	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Motor vehicle bodies and trailers.....	3362	106.8	109.8	108.6	-	-	119.1	127.2	126.4	-	-
Motor vehicle parts.....	3363	80.4	79.9	79.3	-	-	81.4	79.6	79.7	-	-
Motor vehicle gasoline engine and parts.....	33631	74.1	72.0	75.1	-	-	80.9	79.9	82.9	-	-
Motor vehicle power train components.....	33635	89.0	73.7	77.2	-	-	86.4	69.6	74.7	-	-
Motor vehicle metal stamping.....	33637	84.9	85.5	90.0	-	-	84.7	81.0	86.2	-	-
All other motor vehicle parts.....	33639	90.2	95.9	93.2	-	-	99.2	107.3	103.7	-	-
Aerospace products and parts.....	3364	128.3	122.8	123.4	-	-	211.6	205.9	208.1	-	-
Aircraft.....	336411	121.7	115.6	114.9	-	-	187.3	181.6	181.7	-	-
Furniture and related products.....	337	61.0	61.5	61.0	61.6	1.0	81.8	84.9	84.7	85.6	1.1
Household and institutional furniture.....	3371	57.5	58.7	58.0	-	-	77.5	82.4	81.8	-	-
Wood kitchen cabinets and countertops.....	33711	73.1	74.2	74.0	-	-	97.8	103.2	103.2	-	-
Other household and institutional furniture.....	33712	48.8	49.6	48.3	-	-	65.2	69.1	67.9	-	-
Upholstered household furniture.....	337121	72.7	68.3	66.0	-	-	90.1	91.8	88.7	-	-
Miscellaneous durable goods manufacturing.....	339	85.9	83.4	83.3	83.6	0.4	123.0	123.2	123.7	124.5	0.6
Medical equipment and supplies.....	3391	109.9	102.2	102.4	-	-	155.6	153.1	155.0	-	-
Surgical appliances and supplies.....	339113	106.0	109.1	107.9	-	-	140.6	143.7	144.5	-	-
Dental laboratories.....	339116	75.2	77.5	79.6	-	-	106.0	117.5	121.2	-	-
Other miscellaneous durable goods manufacturing.....	3399	68.2	69.2	69.3	-	-	96.8	98.6	98.5	-	-
Signs.....	33995	93.1	96.2	95.9	-	-	123.3	129.1	128.8	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	68.6	68.9	68.5	-	-	100.1	101.6	101.3	-	-
Nondurable goods.....		81.3	82.6	83.2	83.4	0.2	108.4	112.5	113.6	113.7	0.1
Food manufacturing.....	311	105.6	109.4	110.7	111.8	1.0	139.9	147.8	149.0	150.5	1.0
Sugar and confectionery products.....	3113	82.8	87.8	83.7	-	-	93.3	105.4	101.9	-	-
Fruit and vegetable preserving and specialty.....	3114	99.1	109.2	112.2	-	-	130.7	138.4	141.1	-	-
Frozen food.....	31141	101.4	109.4	113.7	-	-	137.7	145.9	152.1	-	-
Fruit and vegetable canning and drying.....	31142	99.6	110.0	109.9	-	-	128.2	133.1	130.8	-	-
Dairy products.....	3115	114.0	109.6	110.2	-	-	158.6	156.9	157.7	-	-
Animal slaughtering and processing.....	3116	100.3	106.3	106.7	-	-	133.4	146.3	145.7	-	-
Poultry processing.....	311615	100.3	104.4	104.7	-	-	133.5	138.8	138.3	-	-
Seafood product preparation and packaging.....	3117	107.7	96.1	99.8	-	-	157.2	139.0	142.7	-	-
Bakeries and tortilla manufacturing.....	3118	100.3	100.1	101.0	-	-	132.1	136.0	136.7	-	-
Textile mills.....	313	37.3	35.2	34.8	35.2	1.1	49.9	48.1	48.7	49.1	0.8
Textile product mills.....	314	52.8	51.5	52.1	51.3	-1.5	66.3	70.8	70.8	71.3	0.7
Apparel.....	315	33.9	30.6	30.6	29.8	-2.6	50.5	48.2	49.0	48.3	-1.4
Paper and paper products.....	322	66.6	66.4	67.5	67.8	0.4	86.2	86.6	87.2	87.3	0.1
Pulp, paper, and paperboard mills.....	3221	59.7	61.3	60.5	-	-	77.4	76.6	75.5	-	-
Converted paper products.....	3222	69.8	68.5	70.7	-	-	92.6	93.2	95.2	-	-
Paperboard containers.....	32221	72.0	72.7	75.2	-	-	93.9	97.5	99.8	-	-
Corrugated and solid fiber boxes.....	322211	70.9	74.4	75.7	-	-	90.4	98.1	99.2	-	-
Paper bags and coated and treated paper.....	32222	67.5	67.5	67.5	-	-	89.5	87.0	87.4	-	-
Printing and related support activities.....	323	63.3	63.8	63.6	63.5	-0.2	79.7	79.4	79.1	78.8	-0.4
Petroleum and coal products.....	324	98.2	109.1	106.2	107.0	0.8	167.0	190.0	185.6	188.6	1.6
Chemicals.....	325	95.8	96.9	98.0	98.3	0.3	123.3	128.9	132.7	131.9	-0.6
Basic chemicals.....	3251	86.8	78.9	79.3	-	-	110.6	106.8	108.6	-	-
Resin, rubber, and artificial fibers.....	3252	81.3	78.9	78.1	-	-	114.2	113.8	115.5	-	-
Pharmaceuticals and medicines.....	3254	128.7	136.8	138.4	-	-	162.7	188.4	196.3	-	-
Soaps, cleaning compounds, and toiletries.....	3256	87.0	87.2	88.9	-	-	104.7	111.6	115.0	-	-
Plastics and rubber products.....	326	84.1	84.7	84.9	84.9	0.0	106.8	108.4	109.6	109.7	0.1
Plastics products.....	3261	86.5	88.0	88.0	-	-	115.2	118.4	119.5	-	-
Plastics packaging materials, film, and sheet.....	32611	103.5	99.6	99.4	-	-	125.9	125.9	127.3	-	-
Foam products.....	32614,5	105.2	108.3	107.1	-	-	136.4	144.5	145.1	-	-
Other plastics products.....	32619	79.4	82.3	82.7	-	-	110.0	114.9	116.5	-	-
Rubber products.....	3262	76.2	74.0	75.3	-	-	83.4	81.9	83.8	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	96.8	98.4	99.6	99.3	-0.3	120.1	122.3	123.3	122.6	-0.6
Private service-providing.....		119.0	121.6	121.8	121.4	-0.3	174.7	181.8	182.5	182.3	-0.1

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Trade, transportation, and utilities.....		107.0	109.0	109.0	109.0	0.0	144.9	150.4	150.6	150.7	0.1
Wholesale trade.....	42	106.7	108.7	109.1	109.5	0.4	152.3	158.3	159.2	159.5	0.2
Durable goods.....	423	100.0	102.0	102.6	—	—	137.3	143.6	145.2	—	—
Motor vehicles and parts.....	4231	99.8	101.1	101.8	—	—	129.2	135.1	135.8	—	—
Motor vehicles.....	42311	100.3	102.6	103.0	—	—	130.4	136.9	137.2	—	—
New motor vehicle parts.....	42312	94.9	96.0	96.5	—	—	124.2	126.3	126.7	—	—
Furniture and furnishings.....	4232	93.2	97.1	98.8	—	—	118.0	134.6	136.4	—	—
Lumber and construction supplies.....	4233	99.0	103.0	102.4	—	—	138.9	150.7	150.8	—	—
Lumber and wood.....	42331	87.9	89.6	88.9	—	—	128.4	134.3	134.1	—	—
Masonry materials.....	42332	102.1	111.8	111.9	—	—	135.8	149.5	148.4	—	—
Roofing, siding, and other construction materials.....	42333,9	125.0	128.5	127.5	—	—	172.3	193.9	196.6	—	—
Commercial equipment.....	4234	94.6	95.4	94.9	—	—	128.7	135.3	134.0	—	—
Office equipment.....	42342	71.2	71.5	69.4	—	—	102.4	103.3	103.0	—	—
Computer and software.....	42343	80.6	79.7	80.5	—	—	107.6	109.4	110.0	—	—
Medical equipment.....	42345	129.5	134.6	131.6	—	—	185.6	206.9	201.1	—	—
Miscellaneous professional and commercial equipment.....	42341,4,6,9	109.7	109.5	109.2	—	—	161.3	167.8	166.4	—	—
Metals and minerals.....	4235	99.2	99.3	100.4	—	—	137.9	134.1	137.5	—	—
Electric goods.....	4236	95.4	97.3	98.8	—	—	131.4	135.2	138.8	—	—
Electrical equipment and wiring.....	42361	107.7	108.7	110.6	—	—	151.1	149.4	153.1	—	—
Electric appliances and other electronic parts.....	42362,9	85.2	87.4	88.8	—	—	115.6	123.0	128.0	—	—
Hardware and plumbing.....	4237	107.3	110.7	111.0	—	—	157.1	164.6	166.8	—	—
Hardware.....	42371	110.2	106.5	108.1	—	—	167.2	159.4	165.8	—	—
Plumbing equipment.....	42372	113.2	117.2	116.2	—	—	174.2	183.7	182.6	—	—
HVAC and refrigeration equipment.....	42373,4	98.5	107.5	106.2	—	—	134.1	150.0	149.4	—	—
Machinery and supplies.....	4238	103.3	106.2	107.2	—	—	145.4	152.7	155.7	—	—
Construction equipment.....	42381	107.2	119.8	118.6	—	—	138.2	169.2	169.4	—	—
Farm and garden equipment.....	42382	105.9	104.6	107.9	—	—	169.4	172.6	178.8	—	—
Industrial machinery.....	42383	99.7	100.8	101.7	—	—	143.0	143.8	146.2	—	—
Industrial supplies.....	42384	124.9	130.4	130.1	—	—	174.4	189.9	190.8	—	—
Miscellaneous durable goods.....	4239	108.8	111.7	113.3	—	—	154.4	159.9	163.0	—	—
Sporting goods.....	42391	95.5	107.6	107.1	—	—	132.7	156.3	155.1	—	—
Recyclable materials.....	42393	111.2	118.0	119.6	—	—	147.1	160.1	165.7	—	—
Nondurable goods.....	424	105.0	105.8	106.7	—	—	145.6	150.3	151.8	—	—
Paper and paper products.....	4241	82.3	83.4	83.3	—	—	116.8	118.1	118.0	—	—
Druggists' goods.....	4242	93.5	90.4	91.7	—	—	137.0	134.5	138.5	—	—
Apparel and piece goods.....	4243	104.7	103.3	103.6	—	—	140.8	143.5	146.1	—	—
Grocery and related products.....	4244	111.5	115.9	115.9	—	—	152.4	160.6	160.4	—	—
General line grocery.....	42441	110.9	111.1	112.2	—	—	149.8	154.0	154.7	—	—
Fruits and vegetables.....	42448	135.3	147.2	148.6	—	—	186.2	198.8	204.3	—	—
Farm product raw materials.....	4245	105.6	106.7	106.0	—	—	161.4	166.0	164.1	—	—
Chemicals.....	4246	102.7	103.9	104.0	—	—	135.4	147.9	148.3	—	—
Petroleum.....	4247	100.3	100.9	101.9	—	—	155.1	162.5	163.2	—	—
Alcoholic beverages.....	4248	149.2	150.7	151.7	—	—	194.7	201.8	202.7	—	—
Misc. nondurable goods.....	4249	92.3	90.4	92.3	—	—	126.9	131.5	133.9	—	—
Farm supplies.....	42491	107.9	105.7	107.9	—	—	146.4	154.9	157.0	—	—
Nursery stock and florists' supplies.....	42493	81.5	82.8	82.6	—	—	115.1	121.0	120.1	—	—
Electronic markets and agents and brokers.....	425	148.2	152.9	153.2	—	—	238.0	243.5	243.1	—	—
Business to business electronic markets.....	42511	45.7	42.6	40.7	—	—	66.2	56.2	53.4	—	—
Wholesale trade agents and brokers.....	42512	163.0	169.9	167.7	—	—	256.5	265.3	260.9	—	—
Retail trade.....		101.1	103.3	103.3	103.3	0.0	130.1	135.4	135.6	136.0	0.3
Motor vehicle and parts dealers.....	441	111.7	113.8	114.2	—	—	135.1	137.4	138.6	—	—
Automobile dealers.....	4411	111.6	114.2	114.5	—	—	129.2	131.8	133.9	—	—
New car dealers.....	44111	106.4	108.5	108.9	—	—	122.8	124.8	126.9	—	—
Used car dealers.....	44112	179.7	187.1	188.6	—	—	244.7	251.5	253.4	—	—
Other motor vehicle dealers.....	4412	110.0	114.8	114.6	—	—	151.4	163.2	162.6	—	—

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Auto parts, accessories, and tire stores.....	4413	112.7	112.5	112.5	-	-	152.7	150.5	150.1	-	-
Automotive parts and accessories stores.....	44131	110.0	109.6	108.8	-	-	154.7	152.8	149.2	-	-
Tire dealers.....	44132	117.9	118.4	120.2	-	-	146.0	148.0	151.8	-	-
Furniture and home furnishings stores.....	442	91.8	91.1	91.5	-	-	123.9	126.0	126.8	-	-
Furniture stores.....	4421	90.7	92.2	93.1	-	-	120.2	124.7	127.3	-	-
Home furnishings stores.....	4422	93.3	90.0	89.8	-	-	129.7	127.6	127.6	-	-
Floor covering stores.....	44221	73.4	75.5	77.3	-	-	105.2	109.9	112.0	-	-
Other home furnishings stores.....	44229	109.0	101.4	99.8	-	-	155.9	147.0	145.5	-	-
Electronics and appliance stores.....	443	104.2	100.1	99.1	-	-	150.4	144.9	142.9	-	-
Household appliance stores.....	443141	61.1	68.7	67.6	-	-	79.9	90.4	89.2	-	-
Electronics stores.....	443142	112.2	105.9	104.9	-	-	160.1	154.2	150.9	-	-
Building material and garden supply stores.....	444	97.6	100.5	101.5	-	-	123.8	133.5	134.7	-	-
Building material and supplies dealers.....	4441	95.6	99.0	99.5	-	-	120.2	131.0	131.5	-	-
Home centers.....	44411	103.7	112.4	112.3	-	-	126.0	144.2	143.6	-	-
Hardware stores.....	44413	88.1	89.8	89.7	-	-	119.2	123.5	122.5	-	-
Lawn and garden equipment and supplies stores.....	4442	112.0	112.3	115.1	-	-	151.4	154.8	158.5	-	-
Food and beverage stores.....	445	92.0	93.2	93.2	-	-	109.6	114.0	114.0	-	-
Grocery stores.....	4451	93.5	94.5	94.4	-	-	112.5	116.4	116.2	-	-
Supermarkets and other grocery stores.....	44511	92.5	93.3	93.0	-	-	111.2	115.2	114.7	-	-
Convenience stores.....	44512	107.9	120.0	116.4	-	-	140.4	156.7	152.9	-	-
Specialty food stores.....	4452	76.4	76.3	77.0	-	-	86.6	89.8	92.2	-	-
Meat markets and fish and seafood markets.....	44521,2	94.2	100.4	100.9	-	-	116.5	128.4	129.8	-	-
Beer, wine, and liquor stores.....	4453	99.0	99.4	101.3	-	-	108.3	113.6	116.0	-	-
Health and personal care stores.....	446	102.6	104.4	105.5	-	-	142.7	150.4	152.4	-	-
Pharmacies and drug stores.....	44611	98.3	98.2	98.4	-	-	143.4	149.3	150.5	-	-
Cosmetic and beauty supply stores.....	44612	117.3	134.4	135.8	-	-	135.0	167.1	170.4	-	-
Optical goods stores.....	44613	126.8	132.8	134.8	-	-	175.4	179.8	180.8	-	-
Other health and personal care stores.....	44619	104.0	101.1	104.8	-	-	129.2	127.9	133.2	-	-
Gasoline stations.....	447	101.6	103.3	102.7	-	-	133.6	138.8	138.3	-	-
Gasoline stations with convenience stores.....	44711	106.6	107.4	106.2	-	-	141.4	145.6	144.3	-	-
Other gasoline stations.....	44719	76.0	82.3	82.6	-	-	101.1	109.9	109.7	-	-
Clothing and clothing accessories stores.....	448	89.3	89.6	89.9	-	-	116.9	120.7	121.3	-	-
Clothing stores.....	4481	86.5	87.8	88.4	-	-	108.8	113.9	115.0	-	-
Women's clothing stores.....	44812	113.0	112.9	112.7	-	-	147.8	140.2	141.1	-	-
Family clothing stores.....	44814	73.7	74.4	74.9	-	-	88.6	92.0	93.2	-	-
Clothing accessories stores.....	44815	108.5	125.1	130.7	-	-	153.0	177.6	186.4	-	-
Shoe stores.....	4482	118.1	111.2	111.7	-	-	193.2	181.1	181.0	-	-
Jewelry, luggage, and leather goods stores.....	4483	79.2	80.6	80.4	-	-	101.5	110.1	110.6	-	-
Sporting goods, hobby, book, and music stores.....	451	102.5	100.7	100.5	-	-	142.8	147.8	147.8	-	-
Sporting goods and musical instrument stores.....	4511	117.1	118.3	117.6	-	-	159.5	169.9	169.0	-	-
Sporting goods stores.....	45111	140.5	141.3	139.2	-	-	185.9	195.9	192.9	-	-
Hobby, toy, and game stores.....	45112	102.3	111.7	113.4	-	-	135.1	166.5	166.6	-	-
Book stores and news dealers.....	4512	52.3	47.7	48.6	-	-	75.4	72.8	74.1	-	-
General merchandise stores.....	452	110.3	116.7	117.9	-	-	135.9	151.5	153.5	-	-
Miscellaneous store retailers.....	453	84.4	83.8	83.5	-	-	109.0	107.3	106.8	-	-
Florists.....	4531	46.1	47.7	47.6	-	-	57.2	63.1	63.4	-	-
Office supplies, stationery, and gift stores.....	4532	56.1	52.5	51.8	-	-	72.6	66.3	66.1	-	-
Office supplies and stationery stores.....	45321	55.2	50.0	50.6	-	-	69.0	61.2	61.8	-	-
Gift, novelty, and souvenir stores.....	45322	57.0	55.1	53.8	-	-	76.5	74.3	73.6	-	-
Used merchandise stores.....	4533	182.7	178.4	177.0	-	-	259.8	264.1	264.4	-	-
Other miscellaneous store retailers.....	4539	107.6	110.0	111.6	-	-	140.3	138.5	139.2	-	-
Pet and pet supplies stores.....	45391	162.7	168.2	168.4	-	-	243.0	223.5	226.3	-	-
Nonstore retailers.....	454	119.9	124.3	123.8	-	-	183.9	181.0	180.5	-	-
Electronic shopping and mail-order houses.....	4541	153.9	159.3	158.6	-	-	235.4	224.4	224.7	-	-
Electronic shopping and electronic auctions.....	454111,2	420.7	451.5	450.4	-	-	682.7	644.1	638.8	-	-
Mail-order houses.....	454113	73.7	70.8	69.7	-	-	94.6	93.3	92.9	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Transportation and warehousing.....		125.6	127.6	127.3	126.8	-0.4	166.5	172.7	172.2	172.1	-0.1
Air transportation.....	481	73.2	72.8	73.4	-	-	153.6	152.9	154.0	-	-
Truck transportation.....	484	116.6	119.4	119.2	-	-	155.8	162.4	162.7	-	-
General freight trucking.....	4841	113.0	115.6	115.5	-	-	148.8	155.4	155.0	-	-
General freight trucking, local.....	48411	109.6	109.5	109.1	-	-	146.6	149.4	150.0	-	-
General freight trucking, long-distance.....	48412	114.4	117.3	117.3	-	-	149.7	157.0	155.9	-	-
General freight trucking, long-distance TL.....	484121	108.4	113.2	113.3	-	-	143.7	154.9	153.4	-	-
General freight trucking, long-distance LTL.....	484122	127.5	128.2	127.0	-	-	161.4	163.5	162.6	-	-
Specialized freight trucking.....	4842	126.1	129.5	129.4	-	-	176.5	185.0	185.9	-	-
Used household and office goods moving.....	48421	87.4	87.3	86.9	-	-	115.3	112.8	114.1	-	-
Other specialized trucking, local.....	48422	132.0	140.4	140.9	-	-	189.8	205.1	208.6	-	-
Other specialized trucking, long-distance.....	48423	149.9	145.9	147.4	-	-	199.6	201.7	202.5	-	-
Transit and ground passenger transportation.....	485	128.1	133.2	131.7	-	-	169.7	180.0	176.7	-	-
School and employee bus transportation.....	4854	123.1	131.8	124.5	-	-	164.6	180.9	163.4	-	-
Other ground passenger transportation.....	4859	182.2	187.5	190.1	-	-	221.1	236.0	237.0	-	-
Pipeline transportation.....	486	134.1	128.8	126.3	-	-	244.0	237.6	229.9	-	-
Support activities for transportation.....	488	122.2	127.4	127.4	-	-	155.9	163.0	162.6	-	-
Support activities for air transportation.....	4881	134.8	137.2	137.5	-	-	159.3	157.6	157.7	-	-
Airport operations.....	48811	135.5	135.9	136.2	-	-	126.0	132.8	132.3	-	-
Support activities for water transportation.....	4883	83.2	83.3	84.2	-	-	123.5	126.3	127.0	-	-
Support activities for road transportation.....	4884	136.2	142.2	145.4	-	-	145.0	156.5	158.2	-	-
Freight transportation arrangement.....	4885	130.0	135.0	134.9	-	-	183.1	193.1	189.5	-	-
Support activities for other transportation, including rail.....	4882,9	116.8	135.7	136.8	-	-	169.7	204.3	202.5	-	-
Couriers and messengers.....	492	156.5	162.5	163.8	-	-	189.2	201.1	202.2	-	-
Warehousing and storage.....	493	203.5	199.9	198.7	-	-	216.7	227.8	228.4	-	-
General warehousing and storage.....	49311	215.9	213.4	212.1	-	-	228.6	242.9	243.8	-	-
Utilities.....	22	97.0	97.0	96.8	96.0	-0.8	143.9	147.2	146.4	142.8	-2.5
Power generation and supply.....	2211	97.4	95.9	95.7	-	-	148.4	150.7	150.3	-	-
Electric power generation.....	22111	62.2	60.8	61.7	-	-	96.4	96.5	98.7	-	-
Fossil fuel electric power generation.....	221112	68.7	68.9	69.4	-	-	108.2	115.3	116.9	-	-
Electric power transmission and distribution.....	22112	151.1	151.3	149.5	-	-	237.1	246.8	242.5	-	-
Natural gas distribution.....	2212	90.7	92.5	92.0	-	-	128.2	131.8	128.3	-	-
Water, sewage and other systems.....	2213	113.9	123.4	125.2	-	-	145.2	158.9	162.1	-	-
Information.....	51	91.1	89.9	89.7	89.2	-0.6	136.4	137.1	136.9	136.0	-0.7
Publishing industries, except Internet.....	511	100.3	99.5	100.7	-	-	162.3	155.6	155.5	-	-
Newspaper, book, and directory publishers.....	5111	80.9	76.2	76.1	-	-	121.4	114.3	114.1	-	-
Newspaper publishers.....	51111	74.2	69.8	70.1	-	-	98.3	93.2	93.3	-	-
Periodical publishers.....	51112	100.8	92.4	92.1	-	-	165.2	150.8	151.3	-	-
Software publishers.....	5112	131.6	138.1	140.2	-	-	196.3	191.2	190.6	-	-
Motion picture and sound recording industries.....	512	85.8	87.7	86.4	-	-	94.1	104.7	102.6	-	-
Broadcasting, except Internet.....	515	83.9	81.5	81.3	-	-	128.7	121.8	123.7	-	-
Radio broadcasting.....	51511	88.2	86.1	85.2	-	-	144.4	132.8	136.8	-	-
Telecommunications.....	517	73.0	70.2	68.7	-	-	105.2	102.5	101.0	-	-
Wired telecommunications carriers.....	5171	83.8	80.5	78.5	-	-	116.4	111.6	109.4	-	-
Telecommunications resellers.....	517911	31.9	31.6	31.2	-	-	36.9	39.9	39.7	-	-
Data processing, hosting and related services.....	518	110.8	110.9	113.1	-	-	183.2	203.3	208.2	-	-
Other information services.....	519	226.5	237.8	237.1	-	-	335.1	372.5	379.5	-	-
Financial activities.....		111.8	114.4	114.2	114.6	0.4	181.0	186.8	186.9	187.5	0.3
Credit intermediation and related activities.....	522	104.8	108.4	108.0	-	-	164.2	175.3	174.7	-	-
Depository credit intermediation.....	5221	102.8	105.9	105.0	-	-	163.9	174.9	174.3	-	-
Commercial banking.....	52211	107.6	111.4	110.0	-	-	175.7	188.5	186.5	-	-
Savings institutions.....	52212	52.4	53.2	53.9	-	-	78.4	80.3	81.4	-	-
Credit unions and other depository credit intermediation.....	52213,9	127.7	130.8	131.2	-	-	193.3	206.5	211.5	-	-
Nondepository credit intermediation.....	5222	96.6	101.7	101.6	-	-	146.4	154.6	151.9	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Consumer lending.....	522291	110.7	110.4	113.1	-	-	134.8	142.0	143.3	-	-
Real estate credit.....	522292	91.3	97.2	96.5	-	-	131.5	133.0	130.1	-	-
Activities related to credit intermediation.....	5223	144.4	147.0	147.7	-	-	223.7	251.3	251.1	-	-
Financial transaction processing and clearing.....	52232	208.1	213.2	216.7	-	-	405.2	486.9	495.1	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	130.9	131.3	132.2	-	-	241.2	237.1	239.2	-	-
Securities brokerage.....	52312	107.8	107.2	110.4	-	-	183.0	184.7	189.9	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.9	102.8	104.4	-	-	203.7	195.5	196.7	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	175.8	179.3	178.4	-	-	302.0	304.9	305.9	-	-
Portfolio management.....	52392	160.6	168.4	167.7	-	-	289.4	291.3	295.5	-	-
Investment advice.....	52393	229.9	235.4	232.0	-	-	378.2	384.8	386.1	-	-
Insurance carriers and related activities.....	524	116.9	117.7	117.3	-	-	178.0	179.4	179.7	-	-
Insurance carriers.....	5241	105.7	105.7	105.3	-	-	164.2	163.7	163.3	-	-
Direct life and health insurance carriers.....	52411	107.6	108.5	108.2	-	-	173.8	174.4	174.7	-	-
Direct insurers, except life and health.....	52412	104.8	103.8	102.7	-	-	154.0	152.1	151.2	-	-
Reinsurance carriers.....	52413	91.0	89.7	92.1	-	-	212.5	219.2	227.1	-	-
Insurance agencies, brokerages, and related services.....	5242	139.3	140.7	141.1	-	-	207.6	212.3	215.6	-	-
Insurance agencies and brokerages.....	52421	136.1	137.6	138.0	-	-	200.5	203.0	206.3	-	-
Other insurance-related activities.....	52429	147.3	149.2	148.9	-	-	222.9	234.1	237.1	-	-
Third-party administration of insurance funds.....	524292	142.2	141.3	141.1	-	-	215.5	224.8	226.7	-	-
Real estate.....	531	116.7	120.6	121.0	-	-	188.6	198.9	200.1	-	-
Lessors of real estate.....	5311	91.2	94.1	94.7	-	-	144.0	152.4	153.3	-	-
Lessors of residential buildings.....	53111	89.5	90.0	90.3	-	-	136.7	140.5	140.1	-	-
Lessors of nonresidential buildings.....	53112	87.5	92.0	90.6	-	-	158.7	174.7	174.0	-	-
Offices of real estate agents and brokers.....	5312	104.0	110.1	109.8	-	-	177.6	195.2	197.0	-	-
Activities related to real estate.....	5313	160.2	165.2	165.5	-	-	246.2	257.2	258.1	-	-
Real estate property managers.....	53131	160.8	166.4	166.6	-	-	248.2	259.6	260.5	-	-
Residential property managers.....	531311	170.5	177.7	177.3	-	-	260.5	271.9	272.0	-	-
Nonresidential property managers.....	531312	137.6	140.2	139.6	-	-	224.6	236.4	237.0	-	-
Rental and leasing services.....	532	93.1	94.4	94.9	-	-	143.1	152.0	152.6	-	-
Home health equipment rental.....	532291	129.3	121.3	120.3	-	-	135.6	125.4	120.3	-	-
General rental centers.....	5323	66.5	64.5	65.2	-	-	67.9	66.5	66.7	-	-
Machinery and equipment rental and leasing.....	5324	128.0	140.5	141.0	-	-	211.3	234.8	236.1	-	-
Heavy machinery rental and leasing.....	53241	112.5	128.3	128.7	-	-	198.9	245.2	248.1	-	-
Office equipment and other machinery rental and leasing.....	53242,9	150.6	158.7	161.5	-	-	227.0	220.1	222.9	-	-
Professional and business services.....		131.0	134.6	134.9	134.3	-0.4	199.1	208.5	209.4	209.3	0.0
Professional and technical services.....	54	142.1	146.1	146.2	-	-	218.7	228.2	228.7	-	-
Legal services.....	5411	100.6	102.3	101.9	-	-	151.8	154.7	153.7	-	-
Offices of lawyers.....	54111	99.4	101.2	100.9	-	-	151.6	153.6	153.0	-	-
Other legal services.....	54119	123.4	121.5	120.0	-	-	182.9	185.7	186.1	-	-
Title abstract and settlement offices.....	541191	105.2	105.8	104.7	-	-	134.4	146.2	144.1	-	-
Accounting and bookkeeping services.....	5412	119.6	119.8	119.9	-	-	181.5	188.2	188.8	-	-
Offices of certified public accountants.....	541211	125.1	130.0	129.6	-	-	180.5	192.1	191.2	-	-
Payroll services.....	541214	132.8	134.7	133.7	-	-	208.7	216.6	216.7	-	-
Architectural and engineering services.....	5413	114.5	118.4	118.2	-	-	173.6	183.6	183.0	-	-
Architectural services.....	54131	103.1	108.7	109.5	-	-	152.3	160.9	161.4	-	-
Landscape architectural services.....	54132	79.1	82.1	85.1	-	-	132.1	133.9	135.0	-	-
Engineering and drafting services.....	54133,4	121.4	124.9	123.4	-	-	182.5	194.5	192.3	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	92.9	99.9	101.0	-	-	146.1	159.7	161.0	-	-
Testing laboratories.....	54138	113.2	117.9	119.9	-	-	163.6	166.0	170.8	-	-
Specialized design services.....	5414	126.4	122.7	123.1	-	-	200.1	210.3	211.3	-	-
Graphic design services.....	54143	100.1	100.5	101.7	-	-	181.3	176.2	179.6	-	-
Computer systems design and related services.....	5415	180.5	184.9	186.6	-	-	258.6	266.6	269.7	-	-
Custom computer programming services.....	541511	172.7	174.9	177.7	-	-	244.5	248.8	253.2	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Computer systems design services.....	541512	220.4	228.5	229.9	-	-	301.4	314.6	316.9	-	-
Management and technical consulting services.....	5416	230.7	243.0	245.6	-	-	334.6	363.2	366.9	-	-
Management consulting services.....	54161	223.5	240.6	242.9	-	-	319.6	352.2	355.2	-	-
Administrative management consulting services.....	541611	246.4	268.6	268.1	-	-	391.2	427.5	427.1	-	-
Marketing consulting services.....	541613	363.7	410.1	425.4	-	-	473.2	576.2	598.7	-	-
Process and logistics consulting services.....	541614	220.8	218.3	219.2	-	-	261.9	283.2	285.6	-	-
Scientific research and development services.....	5417	140.1	142.9	144.5	-	-	232.9	242.6	245.8	-	-
Research and development in the physical, engineering, and life sciences.....	54171	148.1	151.0	152.9	-	-	246.8	256.8	260.6	-	-
Biotechnology research.....	541711	155.5	164.5	168.0	-	-	255.2	267.1	274.2	-	-
Physical, engineering, and life sciences research.....	541712	145.6	147.5	148.4	-	-	244.9	255.2	257.4	-	-
Social science and humanities research.....	54172	80.8	81.4	80.2	-	-	116.5	121.1	119.4	-	-
Advertising and related services.....	5418	130.1	128.1	127.3	-	-	217.7	209.8	209.5	-	-
Advertising agencies.....	54181	150.3	146.0	144.1	-	-	237.1	226.1	226.8	-	-
Public relations agencies.....	54182	133.5	136.6	134.0	-	-	210.4	221.1	218.8	-	-
Advertising material distribution and other advertising services.....	54187,9	156.1	147.8	146.5	-	-	236.9	232.4	235.8	-	-
Other professional and technical services.....	5419	158.9	169.3	169.0	-	-	255.8	284.1	283.3	-	-
Marketing research and public opinion polling.....	54191	91.9	91.8	91.6	-	-	145.0	150.5	153.7	-	-
Photographic services.....	54192	62.3	67.4	69.2	-	-	88.9	110.1	114.7	-	-
Veterinary services.....	54194	163.2	170.8	170.8	-	-	245.3	264.2	262.1	-	-
Miscellaneous professional and technical services.....	54193,9	391.4	436.9	438.6	-	-	665.4	770.8	780.1	-	-
Management of companies and enterprises.....	55	128.6	125.8	125.6	-	-	214.9	215.9	216.5	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	93.7	100.9	100.8	-	-	150.8	166.0	167.1	-	-
Managing offices.....	551114	130.1	127.1	126.8	-	-	218.5	219.3	219.6	-	-
Administrative and waste services.....	56	122.5	127.3	127.7	-	-	167.4	179.2	180.9	-	-
Administrative and support services.....	561	122.5	127.1	127.5	-	-	168.1	179.7	181.3	-	-
Office administrative services.....	5611	187.5	200.8	199.0	-	-	321.5	344.6	343.6	-	-
Facilities support services.....	5612	144.3	147.2	147.9	-	-	167.3	167.8	167.8	-	-
Employment services.....	5613	114.3	120.4	121.2	-	-	148.2	161.2	163.5	-	-
Employment placement agencies and executive search services.....	56131	98.0	103.8	103.0	-	-	156.8	175.8	176.2	-	-
Temporary help services.....	56132	139.0	145.9	146.9	-	-	177.6	192.9	196.1	-	-
Professional employer organizations.....	56133	48.4	50.2	50.7	-	-	63.8	65.8	66.3	-	-
Business support services.....	5614	132.1	129.6	131.2	-	-	186.8	188.5	191.5	-	-
Telephone call centers.....	56142	169.6	166.6	167.7	-	-	247.7	251.3	255.4	-	-
Business service centers.....	56143	96.8	87.7	88.4	-	-	133.6	124.3	124.9	-	-
Collection agencies.....	56144	87.8	88.3	89.4	-	-	125.1	127.0	128.2	-	-
Travel arrangement and reservation services.....	5615	90.7	88.9	90.1	-	-	146.7	143.2	144.9	-	-
Travel agencies.....	56151	76.8	73.3	74.5	-	-	105.8	95.2	96.6	-	-
Investigation and security services.....	5616	123.2	126.6	126.6	-	-	177.4	203.1	206.8	-	-
Security and armored car services.....	56161	120.3	123.5	123.1	-	-	169.7	199.4	203.0	-	-
Security systems services.....	56162	143.5	147.3	151.1	-	-	210.8	221.5	227.6	-	-
Services to buildings and dwellings.....	5617	131.4	136.2	135.5	-	-	182.1	190.3	189.8	-	-
Exterminating and pest control services.....	56171	156.7	160.8	158.8	-	-	236.6	240.9	233.6	-	-
Janitorial services.....	56172	126.0	128.4	127.5	-	-	171.0	175.0	175.0	-	-
Landscaping services.....	56173	139.4	146.2	146.3	-	-	194.3	206.6	206.3	-	-
Carpet and upholstery cleaning services.....	56174	85.7	101.2	99.3	-	-	115.5	135.7	135.1	-	-
Other services to buildings and dwellings.....	56179	114.5	129.6	123.5	-	-	142.2	164.7	158.0	-	-
Other support services.....	5619	106.5	111.8	113.1	-	-	140.4	147.6	148.5	-	-
Packaging and labeling services.....	56191	133.6	135.0	133.5	-	-	201.6	207.4	204.7	-	-
Convention and trade show organizers.....	56192	87.9	101.4	102.9	-	-	104.9	121.8	116.1	-	-
All other support services.....	56199	103.0	106.8	110.7	-	-	142.4	146.0	152.4	-	-
Waste management and remediation services.....	562	124.6	126.9	128.6	-	-	161.1	167.9	170.4	-	-
Waste collection.....	5621	152.9	163.1	164.5	-	-	207.3	219.1	219.2	-	-
Waste treatment and disposal.....	5622	86.5	88.4	89.2	-	-	130.2	136.5	137.5	-	-
Remediation and other waste services.....	5629	136.7	132.0	133.7	-	-	152.5	158.0	161.8	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Education and health services.....		136.8	139.3	139.7	139.4	-0.2	203.8	211.5	212.4	212.4	0.0
Health care and social assistance.....	62	138.3	140.9	141.3	-	-	207.7	216.2	217.1	-	-
Health care ⁵	621,2,3	134.5	137.0	137.3	-	-	206.8	214.9	216.0	-	-
Ambulatory health care services.....	621	155.2	158.9	159.5	-	-	237.1	248.1	249.7	-	-
Offices of physicians.....	6211	134.0	137.5	138.0	-	-	233.4	246.1	247.7	-	-
Offices of physicians, except mental health.....	621111	133.8	137.9	138.4	-	-	233.8	247.6	249.0	-	-
Offices of mental health physicians.....	621112	124.1	115.0	112.5	-	-	172.7	167.3	167.7	-	-
Offices of dentists.....	6212	127.5	126.1	125.8	-	-	177.8	179.8	179.6	-	-
Offices of other health practitioners.....	6213	170.3	179.0	181.3	-	-	245.0	262.0	263.4	-	-
Offices of chiropractors.....	62131	137.9	131.2	129.0	-	-	193.3	190.8	183.8	-	-
Offices of optometrists.....	62132	148.5	156.8	153.3	-	-	213.4	233.4	227.1	-	-
Offices of mental health practitioners.....	62133	118.0	138.2	138.6	-	-	142.4	166.3	168.6	-	-
Offices of specialty therapists.....	62134	193.9	202.0	204.6	-	-	276.5	296.6	297.4	-	-
Offices of all other health practitioners.....	62139	226.9	249.6	256.3	-	-	328.7	352.3	355.6	-	-
Outpatient care centers.....	6214	204.5	212.0	213.6	-	-	306.0	325.8	328.8	-	-
Outpatient mental health centers.....	62142	169.5	173.4	176.0	-	-	218.0	230.5	230.8	-	-
Outpatient care centers, except mental health.....	62141,9	220.7	230.0	231.7	-	-	340.6	364.1	370.1	-	-
Freestanding emergency medical centers.....	621493	227.8	240.6	241.3	-	-	353.2	368.5	372.2	-	-
Miscellaneous outpatient care centers.....	621410,98	222.9	231.2	232.6	-	-	341.3	363.2	372.1	-	-
Medical and diagnostic laboratories.....	6215	154.8	152.9	151.6	-	-	222.8	220.4	218.5	-	-
Medical laboratories.....	621511	158.0	155.3	153.7	-	-	235.8	227.2	224.5	-	-
Diagnostic imaging centers.....	621512	146.5	147.1	146.8	-	-	192.6	205.5	205.7	-	-
Home health care services.....	6216	201.6	208.1	209.8	-	-	272.7	281.2	282.6	-	-
Other ambulatory health care services.....	6219	153.4	156.7	155.3	-	-	230.0	247.5	247.3	-	-
Ambulance services.....	62191	157.8	156.9	156.2	-	-	224.6	231.3	232.0	-	-
All other ambulatory health care services.....	62199	147.3	155.8	153.4	-	-	235.8	265.7	265.8	-	-
Hospitals.....	622	125.7	128.1	128.3	-	-	201.2	208.8	209.8	-	-
General medical and surgical hospitals.....	6221	122.9	125.3	125.5	-	-	198.3	205.5	206.3	-	-
Nursing and residential care facilities.....	623	118.0	118.4	118.6	-	-	156.8	162.3	162.9	-	-
Nursing care facilities.....	6231	102.4	102.2	102.8	-	-	138.9	142.7	143.4	-	-
Residential mental health facilities.....	6232	129.2	129.5	129.1	-	-	172.5	178.1	178.6	-	-
Residential intellectual and developmental disability facilities.....	62321	119.6	121.5	120.0	-	-	153.0	161.0	159.5	-	-
Residential mental health and substance abuse facilities.....	62322	149.2	148.0	148.9	-	-	209.3	212.6	215.5	-	-
Community care facilities for the elderly.....	6233	163.0	164.7	165.3	-	-	217.4	227.1	229.1	-	-
Continuing care retirement communities.....	623311	196.7	200.5	201.3	-	-	265.4	278.6	280.8	-	-
Assisted living facilities for the elderly.....	623312	134.8	134.3	135.0	-	-	173.0	178.6	181.3	-	-
Other residential care facilities.....	6239	93.7	94.9	95.6	-	-	121.9	127.2	126.9	-	-
Social assistance.....	624	159.6	163.4	162.9	-	-	214.0	225.2	225.2	-	-
Individual and family services.....	6241	213.4	220.0	219.7	-	-	277.9	293.6	293.6	-	-
Child and youth services.....	62411	124.7	131.5	130.8	-	-	175.2	188.4	188.2	-	-
Services for the elderly and persons with disabilities.....	62412	271.8	279.0	277.7	-	-	362.5	381.6	379.7	-	-
Other individual and family services.....	62419	138.5	145.4	145.4	-	-	196.9	209.3	208.9	-	-
Emergency and other relief services.....	6242	131.1	137.8	138.1	-	-	188.2	206.4	207.2	-	-
Vocational rehabilitation services.....	6243	89.7	92.5	91.7	-	-	118.9	126.4	126.2	-	-
Child day care services.....	6244	128.0	127.2	126.9	-	-	171.5	175.3	175.2	-	-
Leisure and hospitality.....		125.2	127.8	127.8	127.8	0.0	183.7	193.8	193.9	194.6	0.4
Arts, entertainment, and recreation.....	71	114.0	114.4	113.9	-	-	160.2	165.6	164.3	-	-
Performing arts and spectator sports.....	711	120.4	119.3	116.6	-	-	182.6	192.7	184.9	-	-
Performing arts companies.....	7111	104.1	105.5	105.2	-	-	200.9	205.2	194.0	-	-
Spectator sports.....	7112	96.2	94.0	92.4	-	-	133.1	143.7	138.0	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	193.8	175.7	179.3	-	-	252.1	246.4	250.9	-	-
Independent artists, writers, and performers.....	7115	124.7	139.4	133.3	-	-	190.5	242.3	232.9	-	-
Museums, historical sites, and similar institutions.....	712	128.7	135.6	135.3	-	-	178.1	190.4	189.3	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Museums.....	71211	122.8	120.1	121.4	-	-	169.5	167.9	168.2	-	-
Historical sites and other similar institutions.....	71212,3,9	141.0	159.7	157.1	-	-	203.2	237.1	233.5	-	-
Amusements, gambling, and recreation.....	713	111.5	111.6	111.4	-	-	149.6	152.8	152.6	-	-
Gambling industries.....	7132	92.5	94.0	95.2	-	-	141.3	152.4	155.6	-	-
Golf courses and country clubs.....	71391	121.8	122.4	122.7	-	-	166.1	172.4	172.7	-	-
Skiing facilities.....	71392	153.1	144.3	148.1	-	-	256.7	230.5	236.0	-	-
Marinas.....	71393	103.0	107.8	115.4	-	-	150.0	159.0	170.3	-	-
Fitness and recreational sports centers.....	71394	100.3	101.5	103.5	-	-	126.3	128.5	130.5	-	-
Bowling centers.....	71395	74.6	78.3	78.0	-	-	101.8	102.7	104.5	-	-
Accommodation and food services.....	72	127.5	130.4	131.0	-	-	189.9	201.1	202.5	-	-
Accommodation.....	721	108.4	109.8	109.7	-	-	153.6	158.2	158.5	-	-
Traveler accommodation.....	7211	107.3	108.6	108.3	-	-	152.5	157.4	157.6	-	-
Hotels and motels, except casino hotels.....	72111	111.2	112.6	112.3	-	-	159.7	165.1	165.4	-	-
RV parks and recreational camps.....	7212	152.8	151.7	159.7	-	-	207.6	192.2	200.6	-	-
Food services and drinking places.....	722	132.5	135.7	135.8	-	-	202.0	214.9	215.8	-	-
Special food services.....	7223	126.3	130.5	130.5	-	-	181.5	189.1	188.8	-	-
Food service contractors.....	72231	124.5	133.6	133.8	-	-	172.1	185.2	185.4	-	-
Caterers and mobile food services.....	72232,3	134.2	125.6	127.0	-	-	218.3	211.5	214.9	-	-
Drinking places, alcoholic beverages.....	7224	95.0	98.1	97.0	-	-	167.8	189.4	189.0	-	-
Restaurants and other eating places.....	7225	134.3	137.6	137.7	-	-	204.9	218.2	218.9	-	-
Full-service restaurants.....	722511	129.9	132.2	132.7	-	-	209.0	220.7	221.8	-	-
Limited-service restaurants.....	722513	137.0	139.8	140.8	-	-	195.1	208.2	210.7	-	-
Cafeterias, grill buffets, and buffets.....	722514	79.8	82.8	81.7	-	-	105.9	112.2	109.7	-	-
Snack and nonalcoholic beverage bars.....	722515	197.1	207.4	208.6	-	-	282.9	309.1	312.4	-	-
Other services.....	81	101.9	103.0	102.8	102.9	0.1	144.0	149.0	149.4	150.2	0.5
Repair and maintenance.....	811	106.6	108.2	107.2	-	-	143.6	150.7	149.8	-	-
Automotive repair and maintenance.....	8111	105.9	106.0	105.4	-	-	141.7	148.4	148.4	-	-
Automotive mechanical and electrical repair.....	81111	105.0	100.3	99.5	-	-	139.5	140.3	139.5	-	-
General automotive repair.....	811111	118.5	112.9	113.1	-	-	154.6	156.4	157.0	-	-
Automotive body, interior, and glass repair.....	81112	105.4	111.2	110.5	-	-	142.3	158.4	158.5	-	-
Other automotive repair and maintenance.....	81119	108.3	112.4	112.0	-	-	146.0	156.6	157.7	-	-
Car washes.....	811192	118.0	121.9	120.5	-	-	161.5	165.6	165.9	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	94.9	99.3	99.8	-	-	128.0	144.9	148.1	-	-
Electronic equipment repair and maintenance.....	8112	92.6	95.4	95.6	-	-	122.0	125.4	125.9	-	-
Computer and office machine repair.....	811212	77.1	85.8	86.2	-	-	99.6	103.6	106.0	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	105.4	104.4	104.2	-	-	140.3	143.6	143.1	-	-
Commercial machinery repair and maintenance.....	8113	133.0	134.3	132.4	-	-	186.5	188.8	186.7	-	-
Household goods repair and maintenance.....	8114	79.2	89.2	88.2	-	-	96.6	110.2	108.4	-	-
Personal and laundry services.....	812	106.2	107.6	107.9	-	-	147.1	153.4	154.7	-	-
Personal care services.....	8121	125.0	123.9	124.9	-	-	185.6	187.9	189.0	-	-
Hair, nail, and skin care services.....	81211	113.9	111.7	113.1	-	-	163.5	165.2	166.7	-	-
Other personal care services.....	81219	208.8	217.2	216.0	-	-	367.8	377.6	379.3	-	-
Death care services.....	8122	92.1	92.7	92.3	-	-	126.4	134.0	135.9	-	-
Drycleaning and laundry services.....	8123	79.6	81.7	82.4	-	-	106.3	107.2	108.7	-	-
Coin-operated laundries and drycleaners.....	81231	79.7	71.3	71.8	-	-	99.4	81.6	81.4	-	-
Drycleaning and laundry services, except coin-operated.....	81232	65.1	64.1	64.0	-	-	87.6	88.1	87.7	-	-
Linen and uniform supply.....	81233	98.2	107.4	108.1	-	-	125.3	131.8	134.4	-	-
Other personal services.....	8129	125.1	130.8	129.3	-	-	151.5	171.5	170.0	-	-
Pet care services, except veterinary.....	81291	329.6	356.8	361.1	-	-	361.0	385.6	391.4	-	-
Parking lots and garages.....	81293	129.6	130.6	129.9	-	-	164.1	198.3	193.6	-	-
Membership associations and organizations.....	813	97.9	98.7	99.0	-	-	143.2	147.1	148.3	-	-
Grantmaking and giving services.....	8132	142.2	161.9	162.0	-	-	252.0	288.7	297.1	-	-
Grantmaking foundations.....	813211	251.6	305.0	307.3	-	-	441.1	525.5	546.3	-	-
Social advocacy organizations.....	8133	120.1	122.9	123.7	-	-	189.7	208.1	211.9	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^p	Aug. 2017 ^p	Percent change from: July 2017 - Aug. 2017 ^p	Aug. 2016	June 2017	July 2017 ^p	Aug. 2017 ^p	Percent change from: July 2017 - Aug. 2017 ^p
Human rights organizations.....	813311	111.6	111.3	110.8	—	—	160.7	175.7	175.7	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	122.4	126.7	128.2	—	—	199.6	220.0	225.7	—	—
Civic and social organizations.....	8134	79.3	83.0	84.2	—	—	106.0	119.5	121.0	—	—
Professional and similar organizations.....	8139	100.1	96.9	95.7	—	—	145.1	146.7	146.4	—	—
Business associations.....	81391	97.2	96.7	97.3	—	—	143.1	154.8	158.1	—	—
Professional organizations.....	81392	136.8	130.8	125.1	—	—	209.6	203.1	193.6	—	—
Labor unions and similar labor organizations.....	81393	78.3	80.8	80.8	—	—	108.9	120.6	121.2	—	—
Miscellaneous professional and similar organizations. . .	81394,9	104.4	97.2	94.7	—	—	163.0	148.7	145.2	—	—

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

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

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

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

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

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