

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Total private.....		113.5	115.4	115.9	116.0	0.1	165.3	171.1	172.2	172.9	0.4
Goods-producing.....		89.3	91.1	91.7	92.0	0.3	124.6	130.2	131.1	132.2	0.8
Mining and logging.....		113.2	127.9	129.7	131.2	1.2	180.1	206.0	208.9	212.5	1.7
Logging.....	1133	78.6	72.8	74.6	-	-	109.9	102.7	106.7	-	-
Mining.....	21	117.6	135.0	137.0	-	-	187.4	217.4	220.8	-	-
Oil and gas extraction.....	211	141.7	145.1	146.1	-	-	259.2	256.8	259.6	-	-
Mining, except oil and gas.....	212	84.0	86.6	87.0	-	-	120.1	124.0	123.1	-	-
Coal mining.....	2121	64.6	71.4	68.6	-	-	96.4	106.0	101.4	-	-
Stone mining and quarrying.....	21231	87.9	84.2	86.5	-	-	123.2	120.5	124.4	-	-
Crushed and broken limestone mining.....	212312	78.4	79.6	83.8	-	-	112.4	116.5	123.4	-	-
Other stone mining and quarrying.....	212311,3,9	98.9	90.0	91.5	-	-	131.1	126.4	126.8	-	-
Support activities for mining.....	213	145.3	186.0	189.8	-	-	241.8	324.5	332.0	-	-
Support activities for oil and gas operations.....	213112	159.8	205.5	211.5	-	-	289.7	392.2	409.5	-	-
Construction.....	23	100.6	102.6	103.5	104.4	0.9	142.4	149.1	150.7	152.4	1.1
Construction of buildings.....	236	92.1	92.1	92.5	-	-	133.4	138.1	138.9	-	-
Residential building.....	2361	89.9	86.9	87.1	-	-	126.5	125.0	126.2	-	-
New single-family general contractors.....	236115	67.2	65.0	65.9	-	-	95.0	94.6	96.6	-	-
Residential remodelers.....	236118	130.4	128.5	126.9	-	-	176.4	174.5	174.1	-	-
Nonresidential building.....	2362	94.2	96.9	97.3	-	-	138.8	148.4	147.9	-	-
Industrial building.....	23621	84.8	93.4	94.9	-	-	128.3	146.8	147.6	-	-
Commercial building.....	23622	97.9	98.5	98.2	-	-	143.0	149.3	148.5	-	-
Heavy and civil engineering construction.....	237	98.7	104.0	104.2	-	-	152.8	164.7	166.6	-	-
Utility system construction.....	2371	120.4	126.5	125.4	-	-	193.8	209.3	208.1	-	-
Water and sewer system construction.....	23711	97.2	103.2	105.2	-	-	137.1	153.4	158.7	-	-
Oil and gas pipeline construction.....	23712	148.3	162.8	155.3	-	-	275.2	310.4	295.0	-	-
Power and communication system construction.....	23713	133.3	133.8	133.8	-	-	217.9	216.7	222.7	-	-
Land subdivision.....	2372	24.3	32.8	35.1	-	-	46.6	56.3	59.5	-	-
Highway, street, and bridge construction.....	2373	90.2	96.4	97.8	-	-	125.6	138.0	141.2	-	-
Other heavy construction.....	2379	90.4	89.0	88.1	-	-	156.5	161.0	158.6	-	-
Specialty trade contractors.....	238	103.3	105.7	107.0	-	-	142.0	148.5	150.6	-	-
Building foundation and exterior contractors.....	2381	96.9	96.8	98.5	-	-	129.6	133.3	135.3	-	-
Poured concrete structure contractors.....	23811	123.8	119.9	121.8	-	-	185.1	179.6	182.7	-	-
Steel and precast concrete contractors.....	23812	103.5	92.0	90.5	-	-	139.9	123.2	118.7	-	-
Framing contractors.....	23813	61.8	68.8	72.5	-	-	71.9	85.5	88.9	-	-
Masonry contractors.....	23814	69.2	67.7	69.2	-	-	87.7	92.6	94.3	-	-
Glass and glazing contractors.....	23815	126.2	130.9	129.9	-	-	164.4	169.5	172.7	-	-
Roofing contractors.....	23816	104.0	109.6	111.8	-	-	141.8	156.8	158.4	-	-
Siding contractors.....	23817	111.0	115.3	121.9	-	-	171.9	179.2	194.8	-	-
Other building exterior contractors.....	23819	133.0	125.0	128.6	-	-	164.1	164.5	166.5	-	-
Building equipment contractors.....	2382	110.8	113.7	114.4	-	-	151.0	157.6	158.5	-	-
Electrical contractors.....	23821	98.7	99.3	99.9	-	-	137.8	139.0	139.5	-	-
Plumbing and HVAC contractors.....	23822	120.7	126.5	128.2	-	-	162.0	175.0	177.3	-	-
Other building equipment contractors.....	23829	134.1	133.1	132.9	-	-	176.4	180.3	181.7	-	-
Building finishing contractors.....	2383	88.6	91.2	92.8	-	-	122.9	131.1	134.7	-	-
Drywall and insulation contractors.....	23831	75.9	77.5	80.0	-	-	109.7	116.4	120.3	-	-
Painting and wall covering contractors.....	23832	93.8	95.4	95.3	-	-	120.9	126.6	129.3	-	-
Flooring contractors.....	23833	94.6	94.5	92.9	-	-	126.6	139.7	137.6	-	-
Tile and terrazzo contractors.....	23834	110.4	111.6	113.2	-	-	169.8	190.4	189.2	-	-
Finish carpentry contractors.....	23835	97.2	100.5	101.8	-	-	136.4	142.7	144.4	-	-
Other building finishing contractors.....	23839	102.7	109.1	107.8	-	-	149.8	158.8	157.9	-	-
Other specialty trade contractors.....	2389	113.5	118.8	121.4	-	-	160.4	169.6	174.5	-	-
Site preparation contractors.....	23891	112.8	122.0	124.5	-	-	156.5	172.2	177.3	-	-
All other specialty trade contractors.....	23899	112.8	113.8	113.2	-	-	162.6	164.7	163.9	-	-
Manufacturing.....		83.3	84.5	84.7	84.8	0.1	112.3	116.4	116.8	117.2	0.3

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Durable goods.....		84.3	85.2	85.3	85.9	0.7	113.8	117.3	117.4	118.5	0.9
Wood products.....	321	72.7	72.9	72.8	73.2	0.5	99.9	104.5	104.6	105.5	0.9
Sawmills and wood preservation.....	3211	75.0	74.7	72.7	-	-	101.4	102.3	99.3	-	-
Plywood and engineered wood products.....	3212	68.6	66.2	65.9	-	-	97.7	98.6	98.0	-	-
Other wood products.....	3219	73.3	75.1	75.6	-	-	100.2	108.8	110.2	-	-
Millwork.....	32191	66.6	64.4	64.0	-	-	89.8	91.2	91.6	-	-
Wood windows and doors.....	321911	62.6	69.2	71.1	-	-	90.7	104.5	109.1	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	70.0	58.9	57.3	-	-	88.6	77.5	75.2	-	-
Wood containers and pallets.....	32192	95.5	108.4	109.7	-	-	146.9	171.1	174.1	-	-
All other wood products.....	32199	68.4	69.8	71.6	-	-	91.0	103.0	106.7	-	-
Nonmetallic mineral products.....	327	77.5	79.5	80.1	81.2	1.4	102.0	106.3	107.6	109.2	1.5
Cement and concrete products.....	3273	86.8	87.1	87.5	-	-	113.8	116.6	117.4	-	-
Ready-mix concrete.....	32732	79.9	82.5	84.7	-	-	103.9	113.2	116.1	-	-
Other cement and concrete products.....	32731,3,9	94.4	93.3	90.7	-	-	127.6	121.9	118.8	-	-
Primary metals.....	331	76.4	78.5	78.8	79.4	0.8	100.3	102.9	102.9	104.4	1.5
Foundries.....	3315	64.0	63.7	64.4	-	-	81.3	81.7	83.8	-	-
Fabricated metal products.....	332	93.1	97.4	97.7	98.2	0.5	126.4	134.4	135.0	135.7	0.5
Forging and stamping.....	3321	90.9	93.0	94.4	-	-	126.0	123.9	125.9	-	-
Architectural and structural metals.....	3323	94.7	95.4	94.7	-	-	125.6	129.9	129.9	-	-
Plate work and fabricated structural products.....	33231	92.9	92.3	91.4	-	-	128.8	129.8	129.5	-	-
Fabricated structural metal products.....	332312	95.9	96.0	95.3	-	-	136.6	136.5	135.8	-	-
Ornamental and architectural metal products.....	33232	96.1	97.2	97.2	-	-	123.5	129.3	130.2	-	-
Sheet metal work.....	332322	114.0	111.6	111.6	-	-	141.0	145.5	147.4	-	-
Boilers, tanks, and shipping containers.....	3324	94.7	99.0	97.8	-	-	128.4	136.5	132.6	-	-
Machine shops and threaded products.....	3327	115.1	121.2	119.9	-	-	151.4	164.7	164.7	-	-
Machine shops.....	33271	125.1	132.9	130.8	-	-	166.2	180.3	179.0	-	-
Turned products and screws, nuts, and bolts.....	33272	89.3	90.5	91.8	-	-	111.8	122.2	127.1	-	-
Coating, engraving, and heat treating metals.....	3328	92.2	95.8	96.3	-	-	125.9	131.3	131.4	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	112.6	115.5	114.4	-	-	150.6	149.2	147.0	-	-
Electroplating, anodizing, and coloring metals.....	332813	75.0	79.1	82.1	-	-	106.1	115.7	118.9	-	-
Other fabricated metal products.....	3329	95.0	102.5	102.8	-	-	134.4	145.4	145.3	-	-
Metal valves.....	33291	85.2	86.7	89.2	-	-	125.5	126.9	130.8	-	-
All other fabricated metal products.....	33299	100.7	110.7	110.1	-	-	139.6	155.1	152.6	-	-
Machinery.....	333	91.3	94.2	95.2	95.6	0.4	125.5	134.1	135.6	136.2	0.4
Agricultural, construction, and mining machinery.....	3331	106.0	127.7	130.5	-	-	150.8	194.1	199.2	-	-
Farm machinery and equipment.....	333111	89.0	92.4	92.1	-	-	125.3	136.3	137.6	-	-
Industrial machinery.....	3332	95.9	94.6	93.2	-	-	133.8	132.1	130.6	-	-
Commercial and service industry machinery.....	3333	72.9	74.7	75.0	-	-	108.9	113.8	114.0	-	-
HVAC and commercial refrigeration equipment.....	3334	85.4	76.5	78.8	-	-	115.6	109.8	111.4	-	-
Metalworking machinery.....	3335	84.6	86.6	86.2	-	-	111.8	114.9	114.5	-	-
Special tools, dies, jigs, and fixtures.....	333514	74.2	73.6	73.0	-	-	100.1	100.3	98.3	-	-
Turbine and power transmission equipment.....	3336	81.5	81.5	82.9	-	-	109.0	111.3	113.3	-	-
Other general purpose machinery.....	3339	101.3	100.7	100.9	-	-	141.2	146.5	146.4	-	-
Computer and electronic products.....	334	83.0	84.5	85.3	85.5	0.2	126.0	128.4	129.7	129.7	0.0
Communications equipment.....	3342	58.5	59.5	61.4	-	-	73.8	76.1	77.7	-	-
Semiconductors and electronic components.....	3344	71.7	71.2	72.2	-	-	102.0	101.5	102.8	-	-
Semiconductors and related devices.....	334413	78.3	75.6	77.2	-	-	126.6	125.8	128.0	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	65.4	63.0	63.5	-	-	92.5	89.0	89.8	-	-
Electronic instruments.....	3345	126.1	125.7	125.7	-	-	214.9	214.9	216.0	-	-
Electrical equipment and appliances.....	335	78.0	78.6	78.3	77.1	-1.5	108.3	112.1	112.4	109.6	-2.5
Electrical equipment.....	3353	80.1	80.4	81.1	-	-	113.5	115.7	117.2	-	-
Other electrical equipment and components.....	3359	88.3	92.1	91.2	-	-	124.0	131.9	130.8	-	-
Transportation equipment.....	336	90.6	88.7	88.6	89.5	1.0	109.7	110.0	109.2	111.2	1.8
Motor vehicles and parts ⁴	3361,2,3	82.9	81.1	80.9	81.3	0.5	84.5	83.8	82.3	84.3	2.4
Motor vehicles.....	3361	81.0	74.1	73.7	-	-	87.4	79.5	77.3	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Motor vehicle bodies and trailers.....	3362	106.0	111.2	112.0	-	-	119.8	131.2	132.7	-	-
Motor vehicle parts.....	3363	79.9	78.0	77.7	-	-	78.8	79.2	78.2	-	-
Motor vehicle gasoline engine and parts.....	33631	70.8	73.3	71.6	-	-	76.0	82.5	79.1	-	-
Motor vehicle power train components.....	33635	83.0	69.4	70.2	-	-	79.5	67.4	67.7	-	-
Motor vehicle metal stamping.....	33637	84.8	89.3	88.0	-	-	80.4	85.5	83.6	-	-
All other motor vehicle parts.....	33639	92.4	97.6	96.1	-	-	101.6	112.2	110.9	-	-
Aerospace products and parts.....	3364	126.0	122.4	122.7	-	-	208.0	209.3	210.1	-	-
Aircraft.....	336411	119.6	116.1	116.8	-	-	183.7	185.9	187.5	-	-
Furniture and related products.....	337	62.0	60.3	60.0	59.4	-1.0	85.4	84.6	84.2	83.5	-0.8
Household and institutional furniture.....	3371	58.3	57.6	56.9	-	-	80.6	82.2	81.2	-	-
Wood kitchen cabinets and countertops.....	33711	76.3	74.7	73.7	-	-	104.7	106.2	103.8	-	-
Other household and institutional furniture.....	33712	47.8	47.9	47.2	-	-	65.6	67.4	66.9	-	-
Upholstered household furniture.....	337121	69.2	66.7	65.2	-	-	88.7	90.5	89.1	-	-
Miscellaneous durable goods manufacturing.....	339	85.3	82.6	82.0	82.2	0.2	123.8	122.3	122.4	123.5	0.9
Medical equipment and supplies.....	3391	109.3	102.3	101.8	-	-	156.8	155.5	157.0	-	-
Surgical appliances and supplies.....	339113	106.5	110.0	108.7	-	-	140.3	149.0	147.2	-	-
Dental laboratories.....	339116	78.0	78.8	77.3	-	-	114.3	122.0	120.6	-	-
Other miscellaneous durable goods manufacturing... ..	3399	67.9	68.3	68.2	-	-	96.6	95.7	96.9	-	-
Signs.....	33995	94.3	95.3	96.0	-	-	126.5	128.8	132.0	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.2	70.8	71.0	-	-	97.8	103.5	104.7	-	-
Nondurable goods.....		81.3	83.1	83.5	83.1	-0.5	109.2	114.5	115.1	115.0	-0.1
Food manufacturing.....	311	105.6	110.5	111.4	110.8	-0.5	141.3	149.2	151.3	151.5	0.1
Sugar and confectionery products.....	3113	78.9	82.3	81.5	-	-	92.0	94.3	95.6	-	-
Fruit and vegetable preserving and specialty.....	3114	98.5	114.5	113.4	-	-	128.8	141.8	141.6	-	-
Frozen food.....	31141	101.8	115.2	112.2	-	-	136.7	152.8	146.9	-	-
Fruit and vegetable canning and drying.....	31142	95.0	115.6	115.6	-	-	121.2	133.5	138.3	-	-
Dairy products.....	3115	113.8	110.5	111.2	-	-	159.3	158.1	159.1	-	-
Animal slaughtering and processing.....	3116	103.4	105.4	107.0	-	-	140.2	145.8	149.0	-	-
Poultry processing.....	311615	103.4	105.8	108.1	-	-	137.6	144.9	150.3	-	-
Seafood product preparation and packaging.....	3117	79.5	102.1	105.2	-	-	111.3	135.8	140.3	-	-
Bakeries and tortilla manufacturing.....	3118	99.0	101.7	101.1	-	-	133.1	138.7	137.9	-	-
Textile mills.....	313	37.2	35.9	35.7	36.0	0.8	49.5	50.0	50.8	50.9	0.2
Textile product mills.....	314	51.0	51.2	51.8	51.6	-0.4	66.5	70.8	72.5	71.4	-1.5
Apparel.....	315	34.2	29.7	29.6	29.5	-0.3	51.5	48.0	48.1	48.1	0.0
Paper and paper products.....	322	67.1	68.5	68.6	68.2	-0.6	86.8	88.0	88.9	88.7	-0.2
Pulp, paper, and paperboard mills.....	3221	60.7	62.7	62.9	-	-	77.0	77.2	77.8	-	-
Converted paper products.....	3222	70.0	71.0	71.0	-	-	94.2	95.6	96.2	-	-
Paperboard containers.....	32221	72.1	74.0	74.4	-	-	95.1	97.9	98.9	-	-
Corrugated and solid fiber boxes.....	322211	71.7	73.2	73.2	-	-	93.5	98.1	98.7	-	-
Paper bags and coated and treated paper.....	32222	68.8	68.6	68.8	-	-	91.2	88.0	89.0	-	-
Printing and related support activities.....	323	64.7	62.5	62.5	62.5	0.0	80.7	78.1	78.1	78.2	0.1
Petroleum and coal products.....	324	100.4	104.7	101.6	100.1	-1.5	171.4	182.6	176.0	172.3	-2.1
Chemicals.....	325	95.2	98.8	99.0	97.7	-1.3	123.2	136.7	136.9	135.6	-0.9
Basic chemicals.....	3251	83.8	77.8	75.4	-	-	112.1	105.4	103.2	-	-
Resin, rubber, and artificial fibers.....	3252	77.4	78.4	76.9	-	-	111.3	112.9	112.6	-	-
Pharmaceuticals and medicines.....	3254	130.6	141.9	141.8	-	-	164.7	214.1	211.3	-	-
Soaps, cleaning compounds, and toiletries.....	3256	86.8	92.1	92.1	-	-	103.9	122.1	122.1	-	-
Plastics and rubber products.....	326	83.1	84.0	86.0	85.3	-0.8	106.9	111.0	112.8	113.0	0.2
Plastics products.....	3261	86.0	87.7	88.7	-	-	116.6	120.9	122.3	-	-
Plastics packaging materials, film, and sheet.....	32611	101.0	98.5	99.6	-	-	125.0	130.7	133.1	-	-
Foam products.....	32614,5	102.5	110.2	112.5	-	-	138.6	145.8	150.6	-	-
Other plastics products.....	32619	79.6	82.1	83.1	-	-	111.9	116.8	118.0	-	-
Rubber products.....	3262	73.3	70.9	76.1	-	-	80.1	83.4	85.6	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	97.4	101.7	99.3	101.2	1.9	122.3	125.2	122.9	124.8	1.5
Private service-providing.....		119.8	122.2	122.3	122.4	0.1	177.4	184.0	184.5	185.2	0.4

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Trade, transportation, and utilities.....		107.8	109.4	109.8	109.8	0.0	147.5	151.8	152.8	153.1	0.2
Wholesale trade.....	42	107.7	109.7	109.8	110.3	0.5	155.1	159.9	160.8	161.7	0.6
Durable goods.....	423	101.2	103.2	103.8	-	-	140.5	145.9	147.2	-	-
Motor vehicles and parts.....	4231	100.6	100.3	100.2	-	-	130.2	134.6	135.7	-	-
Motor vehicles.....	42311	99.2	102.0	102.1	-	-	128.4	140.6	142.0	-	-
New motor vehicle parts.....	42312	95.2	94.8	94.6	-	-	126.4	123.7	123.4	-	-
Furniture and furnishings.....	4232	93.6	101.1	102.2	-	-	126.0	139.4	142.7	-	-
Lumber and construction supplies.....	4233	101.8	103.4	103.7	-	-	145.8	155.2	155.5	-	-
Lumber and wood.....	42331	88.8	89.2	90.2	-	-	132.9	139.0	140.1	-	-
Masonry materials.....	42332	105.2	110.5	111.4	-	-	143.2	148.2	149.5	-	-
Roofing, siding, and other construction materials.....	42333,9	132.8	133.9	131.3	-	-	184.5	207.1	204.2	-	-
Commercial equipment.....	4234	94.7	95.5	96.0	-	-	131.6	134.2	134.3	-	-
Office equipment.....	42342	71.5	70.0	69.1	-	-	105.0	100.4	99.7	-	-
Computer and software.....	42343	78.8	81.2	83.7	-	-	107.9	107.2	108.5	-	-
Medical equipment.....	42345	135.6	133.7	132.3	-	-	201.0	203.7	207.1	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	109.2	109.2	110.7	-	-	162.6	169.0	174.7	-	-
Metals and minerals.....	4235	95.4	102.7	103.6	-	-	134.5	142.0	141.1	-	-
Electric goods.....	4236	97.4	96.6	96.9	-	-	136.6	135.4	136.5	-	-
Electrical equipment and wiring.....	42361	109.0	108.4	106.9	-	-	152.8	148.2	147.2	-	-
Electric appliances and other electronic parts.....	42362,9	87.1	87.5	88.5	-	-	122.9	127.6	129.6	-	-
Hardware and plumbing.....	4237	111.0	111.3	112.2	-	-	163.6	167.4	169.7	-	-
Hardware.....	42371	111.1	108.6	107.8	-	-	167.8	168.8	169.7	-	-
Plumbing equipment.....	42372	118.3	117.4	118.0	-	-	182.9	187.5	188.8	-	-
HVAC and refrigeration equipment.....	42373,4	103.1	107.1	109.8	-	-	142.0	146.6	151.0	-	-
Machinery and supplies.....	4238	105.1	108.1	108.9	-	-	147.7	157.7	158.9	-	-
Construction equipment.....	42381	112.5	119.5	121.6	-	-	154.3	173.2	177.1	-	-
Farm and garden equipment.....	42382	102.5	109.3	110.4	-	-	161.5	178.9	179.1	-	-
Industrial machinery.....	42383	101.5	101.1	102.7	-	-	143.0	145.8	148.2	-	-
Industrial supplies.....	42384	129.9	133.4	134.8	-	-	183.2	201.1	203.2	-	-
Miscellaneous durable goods.....	4239	109.3	115.4	116.5	-	-	155.5	168.8	168.2	-	-
Sporting goods.....	42391	101.9	108.0	109.8	-	-	144.8	157.4	160.3	-	-
Recyclable materials.....	42393	111.6	122.4	123.0	-	-	149.0	171.0	171.5	-	-
Nondurable goods.....	424	105.3	106.3	106.1	-	-	147.0	152.4	151.5	-	-
Paper and paper products.....	4241	82.5	84.7	84.9	-	-	116.3	123.0	123.1	-	-
Druggists' goods.....	4242	92.3	95.5	92.4	-	-	131.4	142.2	135.8	-	-
Apparel and piece goods.....	4243	106.8	100.6	99.6	-	-	145.4	139.9	140.5	-	-
Grocery and related products.....	4244	114.5	115.0	115.5	-	-	156.7	159.8	159.4	-	-
General line grocery.....	42441	114.8	113.9	114.2	-	-	159.1	150.1	147.9	-	-
Fruits and vegetables.....	42448	139.1	145.3	145.8	-	-	188.5	205.6	205.1	-	-
Farm product raw materials.....	4245	101.4	98.9	104.9	-	-	157.9	156.8	166.7	-	-
Chemicals.....	4246	104.3	103.1	103.1	-	-	143.0	150.7	147.0	-	-
Petroleum.....	4247	100.4	101.2	100.3	-	-	159.2	155.3	152.6	-	-
Alcoholic beverages.....	4248	146.1	151.6	152.2	-	-	189.9	205.3	204.2	-	-
Misc. nondurable goods.....	4249	91.5	91.6	92.2	-	-	128.4	135.4	137.3	-	-
Farm supplies.....	42491	107.5	112.1	115.2	-	-	150.4	166.8	174.5	-	-
Nursery stock and florists' supplies.....	42493	80.4	76.9	77.5	-	-	115.3	111.4	114.6	-	-
Electronic markets and agents and brokers.....	425	149.2	155.4	155.6	-	-	241.9	242.2	247.3	-	-
Business to business electronic markets.....	42511	47.1	40.4	41.0	-	-	67.1	54.2	54.2	-	-
Wholesale trade agents and brokers.....	42512	163.9	172.0	172.4	-	-	260.9	262.4	268.7	-	-
Retail trade.....		101.5	103.4	104.1	103.7	-0.4	133.0	136.5	137.9	137.9	0.0
Motor vehicle and parts dealers.....	441	113.9	114.0	114.5	-	-	138.6	139.8	141.2	-	-
Automobile dealers.....	4411	113.3	113.9	114.5	-	-	131.5	133.8	135.6	-	-
New car dealers.....	44111	108.1	108.1	108.8	-	-	125.3	127.0	129.2	-	-
Used car dealers.....	44112	174.2	190.2	190.5	-	-	233.1	252.7	247.3	-	-
Other motor vehicle dealers.....	4412	112.4	113.9	114.1	-	-	151.4	160.7	162.5	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Auto parts, accessories, and tire stores.....	4413	115.3	114.5	113.9	-	-	159.1	156.0	154.4	-	-
Automotive parts and accessories stores.....	44131	111.9	110.7	110.0	-	-	163.5	157.7	155.8	-	-
Tire dealers.....	44132	120.9	121.4	121.7	-	-	150.4	151.7	151.8	-	-
Furniture and home furnishings stores.....	442	92.1	91.8	93.0	-	-	126.3	127.5	130.6	-	-
Furniture stores.....	4421	93.6	92.5	92.2	-	-	124.6	123.8	127.7	-	-
Home furnishings stores.....	4422	91.2	91.8	94.3	-	-	130.0	133.2	134.8	-	-
Floor covering stores.....	44221	73.6	77.7	77.6	-	-	110.1	115.8	117.8	-	-
Other home furnishings stores.....	44229	104.5	103.4	108.0	-	-	149.7	152.5	154.7	-	-
Electronics and appliance stores.....	443	102.0	96.3	96.4	-	-	149.5	134.8	135.8	-	-
Household appliance stores.....	443141	63.8	66.1	66.4	-	-	81.5	90.0	88.0	-	-
Electronics stores.....	443142	109.1	102.1	102.0	-	-	160.9	140.0	142.3	-	-
Building material and garden supply stores.....	444	97.7	103.5	103.6	-	-	125.3	136.1	137.2	-	-
Building material and supplies dealers.....	4441	95.3	101.6	101.4	-	-	121.3	133.1	133.3	-	-
Home centers.....	44411	104.7	115.7	115.4	-	-	129.2	146.8	146.4	-	-
Hardware stores.....	44413	86.1	89.9	89.9	-	-	115.6	121.7	122.4	-	-
Lawn and garden equipment and supplies stores.....	4442	115.7	116.9	116.3	-	-	158.5	161.0	162.2	-	-
Food and beverage stores.....	445	93.1	93.6	94.3	-	-	112.7	115.5	116.5	-	-
Grocery stores.....	4451	94.3	94.4	95.3	-	-	115.3	117.1	118.3	-	-
Supermarkets and other grocery stores.....	44511	94.0	93.3	94.1	-	-	115.0	115.8	116.7	-	-
Convenience stores.....	44512	108.4	118.7	121.1	-	-	139.8	154.2	158.4	-	-
Specialty food stores.....	4452	75.6	77.0	78.2	-	-	85.4	92.4	95.0	-	-
Meat markets and fish and seafood markets.....	44521,2	92.6	101.3	102.1	-	-	114.7	125.7	129.2	-	-
Beer, wine, and liquor stores.....	4453	98.3	103.9	104.1	-	-	109.5	122.1	123.8	-	-
Health and personal care stores.....	446	105.2	105.4	105.0	-	-	149.0	156.9	156.8	-	-
Pharmacies and drug stores.....	44611	98.7	97.8	97.4	-	-	149.1	155.5	155.6	-	-
Cosmetic and beauty supply stores.....	44612	141.9	140.9	138.4	-	-	160.7	171.3	170.4	-	-
Optical goods stores.....	44613	132.8	136.1	137.0	-	-	181.1	184.2	182.8	-	-
Other health and personal care stores.....	44619	100.3	103.1	100.3	-	-	122.9	138.1	131.3	-	-
Gasoline stations.....	447	102.8	103.4	104.2	-	-	137.5	139.8	141.2	-	-
Gasoline stations with convenience stores.....	44711	107.3	107.4	108.0	-	-	144.6	146.4	147.3	-	-
Other gasoline stations.....	44719	79.5	82.1	83.7	-	-	106.2	110.2	113.0	-	-
Clothing and clothing accessories stores.....	448	90.6	89.0	89.1	-	-	118.2	122.0	121.9	-	-
Clothing stores.....	4481	88.0	88.1	88.3	-	-	109.5	117.1	116.5	-	-
Women's clothing stores.....	44812	113.3	112.7	108.1	-	-	139.0	138.6	133.1	-	-
Family clothing stores.....	44814	75.4	72.6	74.7	-	-	90.4	93.7	94.3	-	-
Clothing accessories stores.....	44815	119.9	117.9	128.1	-	-	174.4	178.7	195.5	-	-
Shoe stores.....	4482	118.1	107.8	110.5	-	-	193.0	172.0	174.8	-	-
Jewelry, luggage, and leather goods stores.....	4483	82.1	78.6	76.1	-	-	108.0	111.0	110.5	-	-
Sporting goods, hobby, book, and music stores.....	451	105.8	105.0	110.1	-	-	152.6	155.6	161.1	-	-
Sporting goods and musical instrument stores.....	4511	125.6	124.4	132.0	-	-	176.7	180.4	188.0	-	-
Sporting goods stores.....	45111	148.8	146.5	151.0	-	-	202.7	205.6	208.1	-	-
Hobby, toy, and game stores.....	45112	117.9	111.4	123.7	-	-	169.7	166.9	182.6	-	-
Book stores and news dealers.....	4512	51.0	45.2	44.1	-	-	78.2	70.0	68.9	-	-
General merchandise stores.....	452	110.6	118.3	119.2	-	-	142.2	156.0	159.1	-	-
Miscellaneous store retailers.....	453	83.6	83.0	83.2	-	-	105.1	104.8	105.9	-	-
Florists.....	4531	47.0	46.8	46.6	-	-	59.3	63.0	62.2	-	-
Office supplies, stationery, and gift stores.....	4532	54.8	51.0	50.8	-	-	69.9	63.4	63.6	-	-
Office supplies and stationery stores.....	45321	51.9	48.6	48.4	-	-	65.2	56.8	57.0	-	-
Gift, novelty, and souvenir stores.....	45322	57.6	53.3	53.7	-	-	77.8	72.7	73.7	-	-
Used merchandise stores.....	4533	177.1	178.7	178.3	-	-	262.5	260.5	259.3	-	-
Other miscellaneous store retailers.....	4539	108.7	111.3	111.6	-	-	132.6	139.7	140.8	-	-
Pet and pet supplies stores.....	45391	168.4	173.4	172.8	-	-	221.2	239.7	237.8	-	-
Nonstore retailers.....	454	118.7	121.4	122.1	-	-	176.7	172.5	173.2	-	-
Electronic shopping and mail-order houses.....	4541	150.8	156.2	156.5	-	-	223.2	211.3	210.2	-	-
Electronic shopping and electronic auctions.....	45411,2	422.5	450.5	449.7	-	-	645.7	598.2	591.0	-	-
Mail-order houses.....	454113	70.1	68.1	69.3	-	-	90.0	90.1	91.8	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Transportation and warehousing.....		127.5	128.3	128.8	129.3	0.4	169.1	175.5	176.5	177.0	0.3
Air transportation.....	481	74.4	73.5	72.9	—	—	157.2	158.8	158.3	—	—
Truck transportation.....	484	118.1	118.4	118.4	—	—	158.3	165.0	163.9	—	—
General freight trucking.....	4841	113.2	114.4	114.1	—	—	149.5	156.2	154.9	—	—
General freight trucking, local.....	48411	107.8	111.6	111.2	—	—	145.7	156.5	153.2	—	—
General freight trucking, long-distance.....	48412	115.1	115.8	115.3	—	—	151.1	157.5	155.6	—	—
General freight trucking, long-distance TL.....	484121	109.0	111.3	110.8	—	—	145.5	154.7	152.6	—	—
General freight trucking, long-distance LTL.....	484122	129.2	126.1	126.0	—	—	163.6	162.8	162.7	—	—
Specialized freight trucking.....	4842	130.6	128.1	129.6	—	—	182.5	187.4	189.7	—	—
Used household and office goods moving.....	48421	89.7	87.2	90.7	—	—	116.1	119.9	126.6	—	—
Other specialized trucking, local.....	48422	138.7	138.3	139.3	—	—	197.0	207.2	209.2	—	—
Other specialized trucking, long-distance.....	48423	151.5	145.2	146.1	—	—	205.1	203.0	202.1	—	—
Transit and ground passenger transportation.....	485	131.1	136.1	134.5	—	—	173.9	183.0	184.3	—	—
School and employee bus transportation.....	4854	129.2	137.7	133.8	—	—	178.1	187.0	185.2	—	—
Other ground passenger transportation.....	4859	185.6	192.4	197.1	—	—	224.4	242.6	251.8	—	—
Pipeline transportation.....	486	134.0	127.1	126.1	—	—	243.6	236.5	236.1	—	—
Support activities for transportation.....	488	125.4	128.7	128.7	—	—	158.5	163.5	164.7	—	—
Support activities for air transportation.....	4881	134.7	137.7	137.7	—	—	155.6	156.2	155.2	—	—
Airport operations.....	48811	134.8	138.8	140.5	—	—	127.4	131.7	133.7	—	—
Support activities for water transportation.....	4883	83.0	83.4	82.2	—	—	124.2	129.1	128.1	—	—
Support activities for road transportation.....	4884	142.4	151.1	151.0	—	—	148.7	162.7	165.5	—	—
Freight transportation arrangement.....	4885	135.1	133.6	134.7	—	—	190.7	188.4	190.0	—	—
Support activities for other transportation, including rail.....	4882,9	128.7	142.4	140.4	—	—	190.2	216.5	215.9	—	—
Couriers and messengers.....	492	159.8	168.2	170.1	—	—	191.1	208.1	213.1	—	—
Warehousing and storage.....	493	202.7	200.5	205.7	—	—	218.5	233.4	242.1	—	—
General warehousing and storage.....	49311	215.0	214.3	220.3	—	—	229.8	250.0	259.8	—	—
Utilities.....	22	98.2	96.9	96.6	96.2	-0.4	146.7	146.2	145.5	144.8	-0.5
Power generation and supply.....	2211	97.7	95.9	95.5	—	—	150.8	150.6	149.9	—	—
Electric power generation.....	22111	62.7	60.7	61.2	—	—	97.7	95.0	96.3	—	—
Fossil fuel electric power generation.....	221112	69.8	69.0	68.6	—	—	111.7	114.3	114.3	—	—
Electric power transmission and distribution.....	22112	152.5	153.8	150.4	—	—	243.6	252.5	247.4	—	—
Natural gas distribution.....	2212	93.5	91.6	92.9	—	—	132.1	128.3	130.0	—	—
Water, sewage and other systems.....	2213	117.7	122.8	123.1	—	—	152.8	153.9	155.1	—	—
Information.....	51	91.0	89.4	88.7	89.5	0.9	137.1	136.4	136.0	137.3	1.0
Publishing industries, except Internet.....	511	99.7	98.9	97.6	—	—	158.4	154.7	153.2	—	—
Newspaper, book, and directory publishers.....	5111	78.9	75.1	74.4	—	—	117.3	113.1	113.0	—	—
Newspaper publishers.....	51111	72.9	68.5	67.1	—	—	95.0	90.1	87.8	—	—
Periodical publishers.....	51112	98.1	91.0	91.9	—	—	162.1	151.9	154.3	—	—
Software publishers.....	5112	134.4	137.3	136.4	—	—	193.0	185.8	187.8	—	—
Motion picture and sound recording industries.....	512	87.7	88.8	88.3	—	—	96.1	102.4	101.5	—	—
Broadcasting, except Internet.....	515	83.0	81.5	79.8	—	—	126.8	125.3	123.3	—	—
Radio broadcasting.....	51511	87.0	85.2	82.6	—	—	143.0	136.5	133.4	—	—
Telecommunications.....	517	73.1	68.7	68.5	—	—	105.6	101.9	102.6	—	—
Wired telecommunications carriers.....	5171	84.3	77.9	77.9	—	—	115.9	109.7	110.8	—	—
Telecommunications resellers.....	517911	30.6	31.5	31.1	—	—	39.0	41.5	42.0	—	—
Data processing, hosting and related services.....	518	110.3	109.3	110.1	—	—	192.1	192.8	190.8	—	—
Other information services.....	519	228.7	243.3	241.1	—	—	368.4	391.3	389.5	—	—
Financial activities.....		113.4	114.6	115.0	115.0	0.0	183.7	188.4	188.3	189.3	0.5
Credit intermediation and related activities.....	522	106.4	108.7	108.9	—	—	169.6	177.9	177.4	—	—
Depository credit intermediation.....	5221	104.0	105.7	105.9	—	—	168.5	176.3	176.8	—	—
Commercial banking.....	52211	108.9	110.6	111.3	—	—	180.4	188.8	189.7	—	—
Savings institutions.....	52212	53.0	53.0	52.7	—	—	81.3	79.8	81.0	—	—
Credit unions and other depository credit intermediation.....	52213,9	128.9	131.5	132.2	—	—	198.9	212.4	214.4	—	—
Nondepository credit intermediation.....	5222	98.9	101.9	101.6	—	—	151.8	156.7	155.1	—	—

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Consumer lending.....	522291	110.9	110.6	110.2	-	-	136.0	145.6	144.1	-	-
Real estate credit.....	522292	93.4	95.9	95.8	-	-	136.8	139.7	135.6	-	-
Activities related to credit intermediation.....	5223	148.1	150.4	150.7	-	-	237.4	253.7	249.2	-	-
Financial transaction processing and clearing.....	52232	220.5	215.9	218.0	-	-	450.9	479.3	467.9	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	131.2	131.0	130.5	-	-	237.5	239.6	237.1	-	-
Securities brokerage.....	52312	108.8	108.6	105.8	-	-	185.7	186.4	182.0	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.0	101.5	100.6	-	-	198.2	195.1	190.7	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	177.4	180.6	181.3	-	-	302.5	312.4	313.2	-	-
Portfolio management.....	52392	162.4	171.1	174.0	-	-	290.4	314.5	317.7	-	-
Investment advice.....	52393	231.9	234.9	232.4	-	-	373.7	379.1	376.5	-	-
Insurance carriers and related activities.....	524	117.2	117.1	117.1	-	-	178.0	180.3	180.0	-	-
Insurance carriers.....	5241	104.7	104.8	105.1	-	-	162.1	162.6	162.5	-	-
Direct life and health insurance carriers.....	52411	107.1	108.9	108.3	-	-	172.6	175.6	174.4	-	-
Direct insurers, except life and health.....	52412	103.1	101.1	101.5	-	-	150.7	148.7	148.0	-	-
Reinsurance carriers.....	52413	89.9	90.5	91.4	-	-	211.6	217.1	220.1	-	-
Insurance agencies, brokerages, and related services.....	5242	141.3	141.6	141.4	-	-	212.0	219.2	219.0	-	-
Insurance agencies and brokerages.....	52421	137.7	137.7	138.4	-	-	204.0	210.1	210.7	-	-
Other insurance-related activities.....	52429	149.4	151.4	149.6	-	-	229.2	238.0	237.3	-	-
Third-party administration of insurance funds.....	524292	142.8	141.8	141.6	-	-	218.2	228.8	229.1	-	-
Real estate.....	531	119.4	122.2	123.1	-	-	194.1	202.8	204.3	-	-
Lessors of real estate.....	5311	93.8	93.7	94.4	-	-	148.8	153.4	154.9	-	-
Lessors of residential buildings.....	53111	90.6	88.6	89.5	-	-	139.7	139.0	140.5	-	-
Lessors of nonresidential buildings.....	53112	92.0	94.9	94.0	-	-	166.6	183.0	181.2	-	-
Offices of real estate agents and brokers.....	5312	107.2	113.3	113.8	-	-	185.6	198.0	200.8	-	-
Activities related to real estate.....	5313	162.9	168.3	169.1	-	-	253.1	264.7	264.8	-	-
Real estate property managers.....	53131	164.1	170.3	170.9	-	-	253.8	266.0	266.4	-	-
Residential property managers.....	531311	173.8	182.9	185.1	-	-	265.1	281.7	283.9	-	-
Nonresidential property managers.....	531312	142.2	140.2	139.2	-	-	233.5	236.3	235.9	-	-
Rental and leasing services.....	532	94.1	98.0	99.9	-	-	148.4	155.6	161.3	-	-
Home health equipment rental.....	532291	124.9	116.9	117.6	-	-	126.0	122.9	124.3	-	-
General rental centers.....	5323	65.8	65.5	66.9	-	-	66.0	66.3	68.7	-	-
Machinery and equipment rental and leasing.....	5324	129.7	149.5	158.4	-	-	220.3	251.2	270.0	-	-
Heavy machinery rental and leasing.....	53241	112.6	133.3	149.2	-	-	207.5	260.8	294.0	-	-
Office equipment and other machinery rental and leasing.....	53242,9	150.2	174.0	172.8	-	-	229.4	242.0	239.2	-	-
Professional and business services.....		131.7	135.1	135.5	135.8	0.2	202.3	211.0	211.8	212.8	0.5
Professional and technical services.....	54	143.2	146.0	146.7	-	-	221.9	230.1	231.6	-	-
Legal services.....	5411	102.3	102.1	102.1	-	-	155.2	155.1	156.1	-	-
Offices of lawyers.....	54111	101.0	100.8	100.8	-	-	154.2	153.3	154.2	-	-
Other legal services.....	54119	121.9	123.3	121.4	-	-	180.5	198.5	195.6	-	-
Title abstract and settlement offices.....	541191	103.5	106.8	105.9	-	-	134.1	151.1	150.3	-	-
Accounting and bookkeeping services.....	5412	118.6	121.9	123.0	-	-	180.4	193.3	194.7	-	-
Offices of certified public accountants.....	541211	124.8	130.2	131.9	-	-	180.6	192.4	195.0	-	-
Payroll services.....	541214	133.3	135.6	134.8	-	-	208.9	219.1	215.8	-	-
Architectural and engineering services.....	5413	115.1	117.5	117.6	-	-	175.6	184.6	185.1	-	-
Architectural services.....	54131	105.6	108.3	108.9	-	-	155.3	163.5	165.8	-	-
Landscape architectural services.....	54132	79.9	81.1	83.6	-	-	129.0	135.7	139.8	-	-
Engineering and drafting services.....	54133,4	120.6	123.0	123.2	-	-	183.4	194.1	194.4	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	97.8	97.0	96.5	-	-	156.7	158.2	157.2	-	-
Testing laboratories.....	54138	114.5	119.5	120.6	-	-	164.4	169.4	175.2	-	-
Specialized design services.....	5414	124.3	118.4	118.0	-	-	205.2	206.4	204.9	-	-
Graphic design services.....	54143	96.5	98.2	99.7	-	-	169.6	176.2	178.0	-	-
Computer systems design and related services.....	5415	182.4	186.5	185.7	-	-	261.9	271.6	271.4	-	-
Custom computer programming services.....	541511	173.9	179.3	178.6	-	-	247.0	257.1	257.6	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Computer systems design services.....	541512	224.2	227.7	227.8	-	-	305.7	316.3	317.0	-	-
Management and technical consulting services.....	5416	235.1	240.4	242.7	-	-	348.8	365.2	367.1	-	-
Management consulting services.....	54161	230.1	239.2	241.8	-	-	336.7	352.3	356.5	-	-
Administrative management consulting services.....	541611	254.0	268.6	271.3	-	-	411.7	429.2	431.4	-	-
Marketing consulting services.....	541613	370.9	407.2	413.7	-	-	507.1	584.9	598.3	-	-
Process and logistics consulting services.....	541614	220.1	212.1	208.9	-	-	273.3	268.2	264.0	-	-
Scientific research and development services.....	5417	141.2	144.3	144.1	-	-	238.2	245.1	245.2	-	-
Research and development in the physical, engineering, and life sciences.....	54171	149.3	152.3	151.8	-	-	252.4	259.6	259.1	-	-
Biotechnology research.....	541711	161.7	168.5	168.6	-	-	261.1	272.1	277.2	-	-
Physical, engineering, and life sciences research.....	541712	145.4	147.5	146.2	-	-	250.0	255.0	253.6	-	-
Social science and humanities research.....	54172	79.2	83.8	85.9	-	-	116.0	123.1	128.7	-	-
Advertising and related services.....	5418	126.8	123.9	125.0	-	-	212.8	200.8	202.2	-	-
Advertising agencies.....	54181	146.5	141.4	140.4	-	-	236.5	216.9	216.1	-	-
Public relations agencies.....	54182	129.0	131.8	132.4	-	-	204.2	212.0	217.4	-	-
Advertising material distribution and other advertising services.....	54187,9	149.0	140.9	147.8	-	-	233.1	228.0	236.9	-	-
Other professional and technical services.....	5419	161.1	170.2	169.6	-	-	266.5	289.6	289.3	-	-
Marketing research and public opinion polling.....	54191	90.4	88.7	89.9	-	-	144.8	148.2	149.6	-	-
Photographic services.....	54192	60.5	66.9	67.2	-	-	95.4	109.6	110.5	-	-
Veterinary services.....	54194	168.0	174.6	173.3	-	-	255.9	275.5	275.1	-	-
Miscellaneous professional and technical services.....	54193,9	402.2	440.5	440.6	-	-	709.0	790.0	791.9	-	-
Management of companies and enterprises.....	55	127.7	125.5	125.5	-	-	216.1	216.6	217.7	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	96.6	101.2	101.0	-	-	159.8	169.6	171.8	-	-
Managing offices.....	551114	129.3	126.4	126.7	-	-	219.7	218.9	220.6	-	-
Administrative and waste services.....	56	124.2	128.1	128.8	-	-	172.2	182.2	183.2	-	-
Administrative and support services.....	561	123.7	128.0	128.8	-	-	172.1	183.1	184.1	-	-
Office administrative services.....	5611	192.6	201.1	201.4	-	-	333.4	349.0	348.5	-	-
Facilities support services.....	5612	145.3	148.2	148.8	-	-	169.5	165.6	168.1	-	-
Employment services.....	5613	115.9	121.8	122.9	-	-	152.4	165.5	166.7	-	-
Employment placement agencies and executive search services.....	56131	100.8	102.0	104.9	-	-	170.0	166.6	169.5	-	-
Temporary help services.....	56132	140.7	149.1	150.2	-	-	182.4	202.2	203.2	-	-
Professional employer organizations.....	56133	46.9	51.4	51.8	-	-	60.9	67.8	68.8	-	-
Business support services.....	5614	131.9	130.8	131.4	-	-	190.4	190.6	193.1	-	-
Telephone call centers.....	56142	170.6	169.4	169.9	-	-	254.5	262.4	266.3	-	-
Business service centers.....	56143	89.6	88.4	87.7	-	-	122.9	123.5	121.8	-	-
Collection agencies.....	56144	88.2	87.9	87.8	-	-	126.3	125.4	127.1	-	-
Travel arrangement and reservation services.....	5615	89.7	89.0	88.9	-	-	144.1	147.3	146.8	-	-
Travel agencies.....	56151	74.6	74.2	75.3	-	-	97.8	98.4	101.3	-	-
Investigation and security services.....	5616	124.9	126.7	126.8	-	-	191.5	207.0	205.1	-	-
Security and armored car services.....	56161	122.0	122.9	123.1	-	-	186.2	202.1	199.4	-	-
Security systems services.....	56162	144.1	152.1	150.7	-	-	215.1	230.1	228.9	-	-
Services to buildings and dwellings.....	5617	131.9	135.9	136.3	-	-	182.5	191.5	193.3	-	-
Exterminating and pest control services.....	56171	151.7	164.6	166.2	-	-	229.3	247.8	252.3	-	-
Janitorial services.....	56172	127.3	128.4	129.2	-	-	172.5	176.8	179.2	-	-
Landscaping services.....	56173	139.3	144.7	144.4	-	-	194.4	205.7	207.6	-	-
Carpet and upholstery cleaning services.....	56174	86.5	102.8	104.3	-	-	114.5	142.1	145.0	-	-
Other services to buildings and dwellings.....	56179	116.2	122.1	121.6	-	-	146.2	155.8	156.3	-	-
Other support services.....	5619	108.4	110.6	113.3	-	-	137.3	146.1	147.6	-	-
Packaging and labeling services.....	56191	130.6	132.1	136.3	-	-	191.0	203.3	207.8	-	-
Convention and trade show organizers.....	56192	92.6	102.1	101.6	-	-	107.4	112.3	112.7	-	-
All other support services.....	56199	105.4	106.5	109.0	-	-	139.6	149.6	151.5	-	-
Waste management and remediation services.....	562	126.8	129.2	130.0	-	-	167.5	170.7	173.2	-	-
Waste collection.....	5621	158.3	168.3	169.5	-	-	211.6	225.3	228.8	-	-
Waste treatment and disposal.....	5622	87.6	88.3	87.7	-	-	138.7	136.1	135.0	-	-
Remediation and other waste services.....	5629	135.4	132.4	133.4	-	-	157.7	158.2	163.0	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Education and health services.....		137.8	140.5	140.8	141.0	0.1	207.1	214.5	215.6	216.5	0.4
Health care and social assistance.....	62	139.4	142.2	142.5	-	-	211.2	219.4	220.5	-	-
Health care ⁵	621,2,3	135.2	138.4	139.1	-	-	209.8	218.6	220.4	-	-
Ambulatory health care services.....	621	157.0	161.6	162.0	-	-	241.3	253.8	254.5	-	-
Offices of physicians.....	6211	135.6	139.1	139.4	-	-	237.4	251.5	250.9	-	-
Offices of physicians, except mental health.....	621111	135.5	139.4	139.3	-	-	237.7	252.8	251.9	-	-
Offices of mental health physicians.....	621112	113.1	123.1	133.4	-	-	161.5	186.0	191.1	-	-
Offices of dentists.....	6212	129.1	128.6	128.8	-	-	182.8	183.0	183.5	-	-
Offices of other health practitioners.....	6213	173.7	181.3	182.3	-	-	251.6	264.9	265.6	-	-
Offices of chiropractors.....	62131	140.2	132.0	137.6	-	-	199.7	189.7	195.7	-	-
Offices of optometrists.....	62132	147.3	153.8	154.0	-	-	215.5	234.5	237.0	-	-
Offices of mental health practitioners.....	62133	125.7	142.6	146.0	-	-	154.6	177.1	180.6	-	-
Offices of specialty therapists.....	62134	198.1	201.9	200.7	-	-	284.7	294.8	293.2	-	-
Offices of all other health practitioners.....	62139	230.8	265.3	264.9	-	-	333.0	368.1	363.4	-	-
Outpatient care centers.....	6214	209.6	218.8	219.4	-	-	319.5	338.0	344.4	-	-
Outpatient mental health centers.....	62142	171.5	177.6	178.1	-	-	225.2	236.7	237.2	-	-
Outpatient care centers, except mental health.....	62141,9	226.0	237.4	237.9	-	-	353.0	377.6	386.2	-	-
Freestanding emergency medical centers.....	621493	234.7	248.8	251.3	-	-	367.0	380.3	394.9	-	-
Miscellaneous outpatient care centers.....	621410,98	229.2	238.8	238.1	-	-	357.5	378.2	382.3	-	-
Medical and diagnostic laboratories.....	6215	153.5	154.8	155.6	-	-	221.7	223.8	225.3	-	-
Medical laboratories.....	621511	155.0	156.7	157.3	-	-	229.0	228.4	228.6	-	-
Diagnostic imaging centers.....	621512	148.9	148.7	149.2	-	-	200.7	213.0	214.6	-	-
Home health care services.....	6216	205.9	212.6	212.2	-	-	278.5	283.8	282.3	-	-
Other ambulatory health care services.....	6219	155.0	158.7	158.2	-	-	235.5	255.2	258.5	-	-
Ambulance services.....	62191	157.3	159.6	158.6	-	-	223.3	241.7	243.1	-	-
All other ambulatory health care services.....	62199	152.6	158.4	159.7	-	-	253.0	272.1	281.1	-	-
Hospitals.....	622	126.2	128.8	129.7	-	-	204.2	211.6	213.6	-	-
General medical and surgical hospitals.....	6221	123.1	126.0	126.5	-	-	200.7	207.9	209.2	-	-
Nursing and residential care facilities.....	623	118.2	118.9	119.9	-	-	158.7	164.2	165.9	-	-
Nursing care facilities.....	6231	102.3	102.9	103.4	-	-	140.5	143.9	144.5	-	-
Residential mental health facilities.....	6232	129.1	129.3	131.3	-	-	173.8	180.9	185.4	-	-
Residential intellectual and developmental disability facilities.....	62321	120.8	120.5	122.1	-	-	155.9	162.2	165.4	-	-
Residential mental health and substance abuse facilities.....	62322	148.5	148.8	150.6	-	-	209.6	218.3	222.2	-	-
Community care facilities for the elderly.....	6233	164.0	166.0	165.5	-	-	220.9	232.7	233.2	-	-
Continuing care retirement communities.....	623311	197.8	202.9	203.2	-	-	269.7	287.1	289.0	-	-
Assisted living facilities for the elderly.....	623312	135.9	135.0	134.0	-	-	175.8	182.3	181.8	-	-
Other residential care facilities.....	6239	96.0	97.5	97.3	-	-	126.5	130.1	129.7	-	-
Social assistance.....	624	160.4	163.9	163.8	-	-	217.2	226.8	226.5	-	-
Individual and family services.....	6241	215.8	220.8	219.7	-	-	283.8	296.1	294.6	-	-
Child and youth services.....	62411	127.1	135.0	133.2	-	-	179.6	193.6	193.3	-	-
Services for the elderly and persons with disabilities.....	62412	276.6	278.9	280.6	-	-	372.3	381.7	383.6	-	-
Other individual and family services.....	62419	140.3	143.6	143.4	-	-	198.9	209.8	210.1	-	-
Emergency and other relief services.....	6242	135.4	138.2	140.4	-	-	195.4	207.9	212.7	-	-
Vocational rehabilitation services.....	6243	90.9	93.4	93.9	-	-	122.0	128.6	128.6	-	-
Child day care services.....	6244	125.0	127.7	126.8	-	-	169.8	176.5	175.3	-	-
Leisure and hospitality.....		126.1	128.2	128.8	128.9	0.1	186.8	196.0	197.7	198.8	0.6
Arts, entertainment, and recreation.....	71	114.1	113.8	112.1	-	-	161.4	164.1	162.4	-	-
Performing arts and spectator sports.....	711	116.3	116.9	115.0	-	-	177.5	190.1	188.0	-	-
Performing arts companies.....	7111	104.5	107.7	104.8	-	-	195.0	204.3	200.7	-	-
Spectator sports.....	7112	92.5	90.2	84.9	-	-	131.3	141.6	130.8	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	173.7	164.8	165.5	-	-	242.8	236.4	237.7	-	-
Independent artists, writers, and performers.....	7115	126.5	140.3	146.1	-	-	193.7	240.0	272.2	-	-
Museums, historical sites, and similar institutions.....	712	129.5	136.2	137.4	-	-	179.6	189.4	191.0	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P	Dec. 2016	Oct. 2017	Nov. 2017 ^P	Dec. 2017 ^P	Percent change from: Nov.2017 - Dec.2017 ^P
Museums.....	71211	119.9	119.5	119.8	-	-	165.8	164.5	164.1	-	-
Historical sites and other similar institutions.....	71212,3,9	143.3	163.7	165.4	-	-	204.2	241.1	245.8	-	-
Amusements, gambling, and recreation.....	713	111.2	110.9	109.8	-	-	150.7	149.9	149.2	-	-
Gambling industries.....	7132	92.4	93.5	94.0	-	-	143.3	152.7	152.3	-	-
Golf courses and country clubs.....	71391	120.7	119.4	117.0	-	-	165.0	167.7	164.4	-	-
Skiing facilities.....	71392	150.5	131.3	135.7	-	-	258.2	215.6	225.5	-	-
Marinas.....	71393	101.6	107.1	110.2	-	-	149.9	159.2	162.7	-	-
Fitness and recreational sports centers.....	71394	102.5	106.5	106.6	-	-	127.7	131.8	132.4	-	-
Bowling centers.....	71395	73.7	74.4	74.9	-	-	98.9	101.1	100.8	-	-
Accommodation and food services.....	72	128.4	131.0	131.7	-	-	193.4	204.8	206.5	-	-
Accommodation.....	721	108.1	110.3	110.8	-	-	153.2	159.6	160.9	-	-
Traveler accommodation.....	7211	107.5	109.1	109.8	-	-	152.9	158.3	159.9	-	-
Hotels and motels, except casino hotels.....	72111	111.7	113.3	113.6	-	-	160.2	166.5	167.6	-	-
RV parks and recreational camps.....	7212	154.6	167.1	165.7	-	-	194.3	228.8	232.8	-	-
Food services and drinking places.....	722	132.9	136.4	136.1	-	-	204.8	219.2	219.3	-	-
Special food services.....	7223	125.7	130.7	131.7	-	-	177.9	191.0	192.7	-	-
Food service contractors.....	72231	123.1	132.8	133.7	-	-	165.9	185.6	188.3	-	-
Caterers and mobile food services.....	72232,3	131.5	125.1	126.5	-	-	216.0	212.6	210.7	-	-
Drinking places, alcoholic beverages.....	7224	94.7	100.4	100.7	-	-	170.6	195.7	195.4	-	-
Restaurants and other eating places.....	7225	135.0	137.9	138.0	-	-	208.7	222.0	222.8	-	-
Full-service restaurants.....	722511	130.3	133.6	133.1	-	-	212.3	225.9	226.0	-	-
Limited-service restaurants.....	722513	137.4	140.3	141.2	-	-	199.0	212.4	214.3	-	-
Cafeterias, grill buffets, and buffets.....	722514	82.6	82.3	80.2	-	-	110.0	111.4	110.2	-	-
Snack and nonalcoholic beverage bars.....	722515	205.3	209.8	210.7	-	-	298.5	319.6	322.5	-	-
Other services.....	81	102.4	103.1	103.6	103.7	0.1	146.0	151.6	152.7	153.0	0.2
Repair and maintenance.....	811	106.6	106.5	107.4	-	-	144.4	153.3	154.6	-	-
Automotive repair and maintenance.....	8111	106.5	105.0	105.9	-	-	144.6	152.4	153.0	-	-
Automotive mechanical and electrical repair.....	81111	104.7	100.7	101.5	-	-	142.1	142.6	143.4	-	-
General automotive repair.....	811111	118.3	114.6	115.1	-	-	158.1	160.4	160.5	-	-
Automotive body, interior, and glass repair.....	811112	108.1	108.4	108.1	-	-	145.2	163.5	161.8	-	-
Other automotive repair and maintenance.....	81119	108.2	110.9	111.6	-	-	150.1	159.7	162.5	-	-
Car washes.....	811192	113.9	120.7	121.8	-	-	158.1	175.2	179.2	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	98.3	96.8	96.1	-	-	137.7	141.0	140.2	-	-
Electronic equipment repair and maintenance.....	8112	92.7	93.0	93.7	-	-	119.7	134.4	133.8	-	-
Computer and office machine repair.....	811212	77.2	88.5	89.4	-	-	99.2	120.3	119.9	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	104.7	96.5	97.0	-	-	135.7	145.4	144.6	-	-
Commercial machinery repair and maintenance.....	8113	129.9	131.4	134.5	-	-	181.2	186.6	192.7	-	-
Household goods repair and maintenance.....	8114	78.5	88.8	89.8	-	-	95.9	113.8	116.0	-	-
Personal and laundry services.....	812	105.6	108.4	108.7	-	-	145.5	154.5	155.1	-	-
Personal care services.....	8121	123.3	125.2	125.5	-	-	181.9	187.4	185.5	-	-
Hair, nail, and skin care services.....	81211	110.9	115.6	115.5	-	-	160.4	168.2	164.9	-	-
Other personal care services.....	81219	222.7	204.6	206.4	-	-	372.0	358.3	361.0	-	-
Death care services.....	8122	93.0	93.2	92.1	-	-	131.3	136.5	138.3	-	-
Drycleaning and laundry services.....	8123	79.5	82.1	81.7	-	-	103.2	108.8	110.0	-	-
Coin-operated laundries and drycleaners.....	81231	76.4	74.8	76.7	-	-	93.6	86.1	87.1	-	-
Drycleaning and laundry services, except coin-operated.....	81232	64.6	63.5	62.8	-	-	88.1	87.1	87.7	-	-
Linen and uniform supply.....	81233	100.7	108.7	108.1	-	-	122.0	136.5	138.0	-	-
Other personal services.....	8129	124.6	129.8	130.5	-	-	150.2	170.9	172.5	-	-
Pet care services, except veterinary.....	81291	338.8	352.0	353.9	-	-	371.4	396.3	399.3	-	-
Parking lots and garages.....	81293	128.3	126.2	128.7	-	-	162.3	188.8	193.5	-	-
Membership associations and organizations.....	813	98.7	99.1	99.5	-	-	146.4	149.9	150.9	-	-
Grantmaking and giving services.....	8132	153.0	154.2	158.3	-	-	268.0	283.8	294.8	-	-
Grantmaking foundations.....	813211	278.1	279.1	288.2	-	-	482.4	508.5	532.2	-	-
Social advocacy organizations.....	8133	120.9	124.3	124.5	-	-	194.2	219.7	222.6	-	-

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				
		Dec. 2016	Oct. 2017	Nov. 2017 ^p	Dec. 2017 ^p	Percent change from: Nov.2017 - Dec.2017 ^p	Dec. 2016	Oct. 2017	Nov. 2017 ^p	Dec. 2017 ^p	Percent change from: Nov.2017 - Dec.2017 ^p
Human rights organizations.....	813311	111.4	109.6	110.5	—	—	157.1	186.2	193.1	—	—
Environment, conservation, and other social advocacy organizations.....	813312,9	123.9	128.9	129.1	—	—	207.8	231.9	233.9	—	—
Civic and social organizations.....	8134	80.6	85.1	85.2	—	—	111.6	127.5	126.7	—	—
Professional and similar organizations.....	8139	99.6	97.1	99.6	—	—	149.3	150.9	154.6	—	—
Business associations.....	81391	97.9	96.9	96.8	—	—	150.3	159.7	159.5	—	—
Professional organizations.....	81392	130.9	140.2	143.9	—	—	200.9	218.1	219.5	—	—
Labor unions and similar labor organizations.....	81393	82.3	83.0	85.8	—	—	120.4	124.5	127.0	—	—
Miscellaneous professional and similar organizations. . .	81394,9	101.4	93.6	97.5	—	—	159.2	144.7	153.7	—	—

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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