

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P
Total private.....		113.0	114.7	114.1	114.0	-0.1	160.1	167.3	165.5	165.6	0.1
Goods-producing.....		90.0	91.2	90.0	88.3	-1.9	122.6	128.0	125.8	123.4	-1.9
Mining and logging.....		136.6	119.3	119.8	117.6	-1.8	211.4	188.8	188.5	186.6	-1.0
Logging.....	1133	73.0	78.1	77.7	-	-	102.3	112.6	109.9	-	-
Mining.....	21	145.1	124.8	125.5	-	-	223.5	197.4	197.3	-	-
Oil and gas extraction.....	211	171.4	142.3	138.9	-	-	278.2	258.6	255.0	-	-
Mining, except oil and gas.....	212	91.0	87.2	86.5	-	-	129.0	125.0	123.6	-	-
Coal mining.....	2121	81.9	69.6	71.1	-	-	121.4	101.9	104.1	-	-
Stone mining and quarrying.....	21231	83.1	91.7	87.5	-	-	108.3	128.6	121.0	-	-
Crushed and broken limestone mining.....	212312	79.4	84.5	79.7	-	-	107.9	124.4	114.9	-	-
Other stone mining and quarrying.....	212311,3,9	87.9	101.2	98.0	-	-	108.8	134.0	129.2	-	-
Support activities for mining.....	213	196.2	160.9	164.3	-	-	325.2	264.9	268.2	-	-
Support activities for oil and gas operations.....	213112	216.1	174.9	178.8	-	-	396.1	317.5	321.0	-	-
Construction.....	23	98.4	106.1	102.8	96.1	-6.5	135.4	151.2	145.6	136.2	-6.5
Construction of buildings.....	236	89.8	94.6	93.1	-	-	126.4	136.8	134.7	-	-
Residential building.....	2361	86.4	92.2	91.6	-	-	119.8	130.2	129.2	-	-
New single-family general contractors.....	236115	66.9	71.2	70.4	-	-	95.6	100.3	99.8	-	-
Residential remodelers.....	236118	125.0	131.2	132.3	-	-	163.5	181.4	180.4	-	-
Nonresidential building.....	2362	92.8	96.7	94.5	-	-	131.5	141.9	139.2	-	-
Industrial building.....	23621	83.1	88.2	84.8	-	-	124.5	133.8	130.9	-	-
Commercial building.....	23622	96.7	99.9	98.3	-	-	134.2	145.0	142.2	-	-
Heavy and civil engineering construction.....	237	97.1	112.6	102.7	-	-	143.2	178.2	158.9	-	-
Utility system construction.....	2371	124.0	132.0	121.0	-	-	192.5	218.7	194.8	-	-
Water and sewer system construction.....	23711	85.4	99.5	95.9	-	-	117.7	140.2	135.6	-	-
Oil and gas pipeline construction.....	23712	167.9	177.7	151.8	-	-	283.4	339.4	279.9	-	-
Power and communication system construction..	23713	146.9	145.6	134.2	-	-	235.5	248.3	220.3	-	-
Land subdivision.....	2372	21.8	24.6	25.7	-	-	40.3	49.2	49.1	-	-
Highway, street, and bridge construction.....	2373	84.2	113.1	102.3	-	-	115.1	165.7	145.8	-	-
Other heavy construction.....	2379	87.6	93.9	83.9	-	-	125.4	150.3	137.6	-	-
Specialty trade contractors.....	238	101.8	108.4	106.1	-	-	136.5	149.4	145.9	-	-
Building foundation and exterior contractors.....	2381	96.5	105.7	103.5	-	-	130.1	142.9	140.1	-	-
Poured concrete structure contractors.....	23811	108.4	130.8	127.8	-	-	156.9	193.2	188.5	-	-
Steel and precast concrete contractors.....	23812	99.0	101.8	103.6	-	-	144.4	137.2	143.4	-	-
Framing contractors.....	23813	62.6	63.0	60.5	-	-	75.8	76.0	72.2	-	-
Masonry contractors.....	23814	74.3	78.0	74.9	-	-	96.7	102.4	96.0	-	-
Glass and glazing contractors.....	23815	114.5	127.7	125.1	-	-	149.4	170.9	166.4	-	-
Roofing contractors.....	23816	116.9	128.6	127.2	-	-	154.0	175.4	176.3	-	-
Siding contractors.....	23817	122.7	112.9	115.0	-	-	195.8	193.4	196.9	-	-
Other building exterior contractors.....	23819	134.1	151.8	143.3	-	-	177.8	187.5	176.7	-	-
Building equipment contractors.....	2382	108.5	112.6	111.3	-	-	144.0	154.6	152.0	-	-
Electrical contractors.....	23821	98.1	102.6	101.0	-	-	132.4	144.5	142.1	-	-
Plumbing and HVAC contractors.....	23822	115.5	120.7	119.8	-	-	152.7	162.9	160.2	-	-
Other building equipment contractors.....	23829	142.1	136.7	133.4	-	-	174.7	180.2	174.1	-	-
Building finishing contractors.....	2383	86.6	91.2	89.5	-	-	116.1	124.7	123.3	-	-
Drywall and insulation contractors.....	23831	74.0	75.0	73.8	-	-	102.2	105.5	104.5	-	-
Painting and wall covering contractors.....	23832	88.8	99.9	99.9	-	-	110.4	127.0	127.8	-	-
Flooring contractors.....	23833	88.9	90.1	89.6	-	-	119.1	123.9	121.8	-	-
Tile and terrazzo contractors.....	23834	110.8	107.5	102.5	-	-	161.9	163.3	157.8	-	-
Finish carpentry contractors.....	23835	95.7	102.6	98.0	-	-	132.2	142.3	141.0	-	-
Other building finishing contractors.....	23839	106.7	111.1	109.0	-	-	149.1	167.0	160.9	-	-
Other specialty trade contractors.....	2389	110.7	122.8	117.6	-	-	149.2	175.0	165.1	-	-
Site preparation contractors.....	23891	113.2	122.8	119.4	-	-	148.8	175.6	166.1	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Percent change from: Nov. 2016 - Dec. 2016 ^P	Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Dec. 2015		Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	
All other specialty trade contractors.....	23899	108.4	122.9	115.9	-	-	150.2	174.7	164.4	-	-	
Manufacturing.....		84.4	83.2	83.0	83.5	0.6	111.5	112.1	111.8	113.2	1.3	
Durable goods.....		85.7	84.1	84.2	85.1	1.1	113.8	113.4	113.5	115.5	1.8	
Wood products.....	321	72.1	71.1	72.2	70.6	-2.2	96.8	97.9	99.0	97.6	-1.4	
Sawmills and wood preservation.....	3211	74.3	73.2	73.7	-	-	95.8	99.5	99.3	-	-	
Plywood and engineered wood products.....	3212	73.5	70.6	71.5	-	-	101.2	99.1	98.2	-	-	
Other wood products.....	3219	70.6	70.5	71.8	-	-	95.6	96.6	99.2	-	-	
Millwork.....	32191	68.1	66.0	68.6	-	-	89.7	90.1	93.4	-	-	
Wood windows and doors.....	321911	65.1	66.7	69.3	-	-	94.4	97.5	102.2	-	-	
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	70.7	65.2	67.9	-	-	85.2	83.1	85.2	-	-	
Wood containers and pallets.....	32192	89.6	89.3	87.1	-	-	132.7	134.1	132.1	-	-	
All other wood products.....	32199	62.0	65.1	66.9	-	-	84.4	86.2	90.6	-	-	
Nonmetallic mineral products.....	327	75.1	78.3	77.2	74.1	-4.0	98.4	103.2	101.6	98.0	-3.5	
Cement and concrete products.....	3273	77.5	88.4	84.5	-	-	106.1	118.3	112.3	-	-	
Ready-mix concrete.....	32732	73.3	83.7	79.8	-	-	100.7	111.3	104.4	-	-	
Other cement and concrete products.....	32731,3,9	82.5	93.9	90.2	-	-	113.7	128.0	123.7	-	-	
Primary metals.....	331	78.7	75.6	76.2	78.9	3.5	100.0	98.9	100.2	103.2	3.0	
Foundries.....	3315	67.9	63.5	64.3	-	-	86.1	81.0	82.7	-	-	
Fabricated metal products.....	332	97.0	94.3	93.6	95.2	1.7	128.4	127.4	126.9	130.3	2.7	
Forging and stamping.....	3321	91.5	93.8	91.9	-	-	118.5	125.8	125.0	-	-	
Architectural and structural metals.....	3323	99.5	97.7	96.7	-	-	130.4	130.5	128.5	-	-	
Plate work and fabricated structural products...	33231	101.6	96.5	94.2	-	-	139.4	133.8	131.3	-	-	
Fabricated structural metal products.....	332312	105.0	101.3	99.1	-	-	147.9	141.6	141.6	-	-	
Ornamental and architectural metal products...	33232	98.0	98.8	98.6	-	-	123.3	128.1	126.1	-	-	
Sheet metal work.....	332322	115.9	113.7	114.3	-	-	142.4	145.7	143.2	-	-	
Boilers, tanks, and shipping containers.....	3324	110.8	98.0	96.6	-	-	143.8	131.0	129.6	-	-	
Machine shops and threaded products.....	3327	117.5	112.3	111.8	-	-	151.5	147.1	147.0	-	-	
Machine shops.....	33271	124.5	120.2	120.1	-	-	163.7	159.1	159.8	-	-	
Turned products and screws, nuts, and bolts...	33272	99.7	92.7	90.9	-	-	118.7	116.1	113.1	-	-	
Coating, engraving, and heat treating metals.....	3328	93.0	93.4	93.8	-	-	125.0	124.5	126.2	-	-	
Metal heat treating and coating and nonprecious engraving.....	332811,2	118.6	113.5	113.8	-	-	152.3	149.4	151.4	-	-	
Electroplating, anodizing, and coloring metals...	332813	72.1	76.7	77.3	-	-	101.7	103.0	104.7	-	-	
Other fabricated metal products.....	3329	96.9	94.5	95.0	-	-	130.4	134.0	135.2	-	-	
Metal valves.....	33291	85.8	81.7	81.3	-	-	122.2	120.4	119.6	-	-	
All other fabricated metal products.....	33299	102.8	101.4	102.3	-	-	134.6	141.1	143.2	-	-	
Machinery.....	333	93.7	90.5	90.7	92.3	1.8	128.0	124.8	124.4	127.1	2.2	
Agricultural, construction, and mining machinery.....	3331	115.3	102.0	104.1	-	-	165.9	145.9	146.3	-	-	
Farm machinery and equipment.....	333111	97.2	91.1	91.1	-	-	137.5	128.5	125.0	-	-	
Industrial machinery.....	3332	91.7	89.7	92.9	-	-	133.0	127.3	130.5	-	-	
Commercial and service industry machinery.....	3333	74.9	74.9	75.2	-	-	116.8	114.1	111.7	-	-	
HVAC and commercial refrigeration equipment...	3334	81.6	86.5	82.3	-	-	109.2	117.7	112.7	-	-	
Metalworking machinery.....	3335	89.6	85.2	84.2	-	-	112.3	113.0	110.4	-	-	
Special tools, dies, jigs, and fixtures.....	333514	82.6	78.1	76.7	-	-	108.1	105.0	102.8	-	-	
Turbine and power transmission equipment.....	3336	84.5	79.7	81.7	-	-	102.3	103.6	108.5	-	-	
Other general purpose machinery.....	3339	101.5	100.9	101.5	-	-	142.6	139.8	140.6	-	-	
Computer and electronic products.....	334	83.5	82.7	82.8	84.4	1.9	120.8	126.0	125.5	128.2	2.2	
Communications equipment.....	3342	54.4	58.4	57.5	-	-	70.3	73.4	71.0	-	-	
Semiconductors and electronic components.....	3344	74.2	71.0	70.8	-	-	101.1	101.6	101.5	-	-	
Semiconductors and related devices.....	334413	70.6	74.9	75.8	-	-	119.7	124.4	123.1	-	-	
Electronic connectors and misc. electronic components.....	334416,7,9	79.5	68.3	67.2	-	-	103.4	96.1	96.9	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P
Electronic instruments.....	3345	129.0	126.3	127.5	-	-	213.8	216.1	216.2	-	-
Electrical equipment and appliances.....	335	82.5	78.0	79.0	78.3	-0.9	112.6	109.0	109.2	109.4	0.2
Electrical equipment.....	3353	96.3	83.6	84.6	-	-	129.7	121.1	118.8	-	-
Other electrical equipment and components.....	3359	91.2	88.4	90.3	-	-	127.5	122.6	126.7	-	-
Transportation equipment.....	336	90.9	88.9	89.5	91.1	1.8	111.5	107.8	109.0	111.2	2.0
Motor vehicles and parts ⁴	3361,2,3	81.2	81.3	81.4	83.1	2.1	83.6	83.5	83.5	86.0	3.0
Motor vehicles.....	3361	75.4	80.7	80.4	-	-	78.2	86.0	86.9	-	-
Motor vehicle bodies and trailers.....	3362	110.0	101.4	102.2	-	-	124.4	113.8	114.3	-	-
Motor vehicle parts.....	3363	77.7	77.6	77.9	-	-	80.3	77.7	77.3	-	-
Motor vehicle gasoline engine and parts.....	33631	70.9	69.1	70.6	-	-	80.2	75.2	78.1	-	-
Motor vehicle power train components.....	33635	84.5	85.6	84.1	-	-	82.7	81.5	80.7	-	-
Motor vehicle metal stamping.....	33637	81.5	83.2	84.6	-	-	81.0	81.5	79.6	-	-
All other motor vehicle parts.....	33639	86.2	85.7	86.3	-	-	97.7	93.5	93.6	-	-
Aerospace products and parts.....	3364	131.0	125.2	126.1	-	-	218.2	204.9	208.9	-	-
Aircraft.....	336411	123.4	119.0	119.4	-	-	191.1	181.8	184.4	-	-
Furniture and related products.....	337	62.2	61.1	61.6	61.9	0.5	80.4	83.2	84.0	85.5	1.8
Household and institutional furniture.....	3371	59.0	58.7	59.1	-	-	76.7	80.4	80.9	-	-
Wood kitchen cabinets and countertops.....	33711	72.2	76.9	76.6	-	-	92.3	104.1	103.6	-	-
Other household and institutional furniture.....	33712	51.3	48.0	48.9	-	-	66.9	65.3	66.6	-	-
Upholstered household furniture.....	337121	76.9	70.0	71.1	-	-	91.4	88.7	90.1	-	-
Miscellaneous durable goods manufacturing.....	339	88.1	87.1	86.5	87.5	1.2	124.4	125.0	123.3	127.0	3.0
Medical equipment and supplies.....	3391	110.0	111.5	111.0	-	-	151.3	158.8	157.2	-	-
Surgical appliances and supplies.....	339113	117.1	106.3	105.3	-	-	159.2	140.2	137.8	-	-
Dental laboratories.....	339116	79.7	78.6	79.1	-	-	110.4	112.2	114.0	-	-
Other miscellaneous durable goods manufacturing.....	3399	72.2	69.2	68.5	-	-	103.1	97.8	96.0	-	-
Signs.....	33995	96.9	92.9	91.7	-	-	127.2	120.9	120.0	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	71.1	69.0	69.0	-	-	105.4	101.2	99.6	-	-
Nondurable goods.....		81.8	81.9	81.3	81.3	0.0	106.6	110.1	109.2	109.6	0.4
Food manufacturing.....	311	102.8	106.1	104.2	104.6	0.4	132.9	141.5	139.2	140.9	1.2
Sugar and confectionery products.....	3113	86.2	84.7	80.5	-	-	89.8	97.3	92.2	-	-
Fruit and vegetable preserving and specialty.....	3114	83.2	95.0	88.7	-	-	107.8	125.0	116.4	-	-
Frozen food.....	31141	86.0	100.7	97.6	-	-	117.1	137.4	132.7	-	-
Fruit and vegetable canning and drying.....	31142	80.0	89.1	79.0	-	-	99.1	113.9	101.3	-	-
Dairy products.....	3115	111.1	112.5	116.7	-	-	151.7	158.1	164.7	-	-
Animal slaughtering and processing.....	3116	99.6	103.9	102.4	-	-	130.4	140.2	138.7	-	-
Poultry processing.....	311615	99.5	100.6	99.6	-	-	130.1	133.5	132.7	-	-
Seafood product preparation and packaging.....	3117	59.0	80.1	63.8	-	-	97.1	116.0	90.8	-	-
Bakeries and tortilla manufacturing.....	3118	109.6	104.1	104.2	-	-	140.4	137.3	137.4	-	-
Textile mills.....	313	38.8	37.5	38.2	37.1	-2.9	51.1	49.6	50.0	49.1	-1.8
Textile product mills.....	314	55.0	52.7	53.2	51.9	-2.4	69.3	66.1	68.2	66.9	-1.9
Apparel.....	315	37.5	34.8	35.1	35.2	0.3	57.1	51.5	51.9	52.3	0.8
Paper and paper products.....	322	67.5	67.2	67.8	67.8	0.0	87.4	86.8	87.5	88.5	1.1
Pulp, paper, and paperboard mills.....	3221	63.3	59.5	59.8	-	-	79.4	76.0	76.4	-	-
Converted paper products.....	3222	69.3	70.8	71.3	-	-	92.8	94.3	95.0	-	-
Paperboard containers.....	32221	70.5	72.5	72.3	-	-	93.5	95.4	96.5	-	-
Corrugated and solid fiber boxes.....	322211	69.6	71.4	71.3	-	-	87.6	92.5	92.7	-	-
Paper bags and coated and treated paper.....	32222	72.6	69.8	70.2	-	-	94.3	93.4	92.9	-	-
Printing and related support activities.....	323	66.6	63.9	64.0	64.5	0.8	82.4	79.7	80.0	80.2	0.3
Petroleum and coal products.....	324	100.0	107.4	101.8	98.8	-2.9	165.6	184.9	175.6	170.2	-3.1
Chemicals.....	325	97.7	96.6	97.3	97.5	0.2	118.8	125.8	125.6	126.4	0.6
Basic chemicals.....	3251	92.2	90.2	87.8	-	-	113.4	118.6	117.1	-	-
Resin, rubber, and artificial fibers.....	3252	84.3	80.5	81.7	-	-	110.2	117.3	118.1	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P
Pharmaceuticals and medicines.....	3254	128.6	128.9	131.7	-	-	162.7	164.8	165.4	-	-
Soaps, cleaning compounds, and toiletries.....	3256	94.3	88.8	88.4	-	-	109.4	106.8	106.5	-	-
Plastics and rubber products.....	326	84.8	83.6	83.0	83.5	0.6	106.4	107.1	106.2	107.5	1.2
Plastics products.....	3261	86.3	85.9	85.3	-	-	113.4	115.6	114.9	-	-
Plastics packaging materials, film, and sheet...	32611	104.8	106.0	105.3	-	-	127.6	128.7	128.1	-	-
Foam products.....	32614,5	107.9	107.4	105.3	-	-	132.0	144.7	144.1	-	-
Other plastics products.....	32619	78.7	77.9	77.9	-	-	107.1	109.1	108.8	-	-
Rubber products.....	3262	80.2	75.8	74.7	-	-	87.2	83.0	81.7	-	-
Miscellaneous nondurable goods manufacturing....	312,6	95.1	96.6	95.0	92.8	-2.3	114.8	122.2	119.5	116.4	-2.6
Private service-providing.....		119.3	121.5	120.6	120.8	0.2	171.7	179.9	177.7	178.2	0.3
Trade, transportation, and utilities.....		111.8	108.4	109.6	111.8	2.0	147.9	148.4	148.8	150.9	1.4
Wholesale trade.....	42	107.1	110.3	108.9	108.5	-0.4	150.2	159.2	156.5	156.4	-0.1
Durable goods.....	423	100.2	102.7	101.4	-	-	134.1	143.6	141.0	-	-
Motor vehicles and parts.....	4231	101.1	102.9	101.3	-	-	134.7	133.5	130.9	-	-
Motor vehicles.....	42311	100.7	99.3	96.8	-	-	132.8	129.4	125.6	-	-
New motor vehicle parts.....	42312	94.9	98.3	97.1	-	-	128.7	130.0	128.9	-	-
Furniture and furnishings.....	4232	89.3	91.9	89.9	-	-	109.7	121.6	119.3	-	-
Lumber and construction supplies.....	4233	96.3	103.9	106.4	-	-	133.3	147.7	149.4	-	-
Lumber and wood.....	42331	84.2	92.0	93.7	-	-	117.1	135.7	139.9	-	-
Masonry materials.....	42332	105.5	106.3	106.7	-	-	136.2	141.4	138.7	-	-
Roofing, siding, and other construction materials.....	42333,9	117.8	131.7	138.2	-	-	171.2	185.2	185.5	-	-
Commercial equipment.....	4234	93.5	96.8	94.8	-	-	118.7	137.7	134.5	-	-
Office equipment.....	42342	72.4	71.3	70.5	-	-	92.6	107.9	103.0	-	-
Computer and software.....	42343	80.6	84.0	81.1	-	-	99.2	116.4	114.2	-	-
Medical equipment.....	42345	126.5	131.3	129.1	-	-	173.1	200.6	194.0	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	106.2	111.9	111.1	-	-	148.2	166.3	165.5	-	-
Metals and minerals.....	4235	101.0	97.2	94.0	-	-	137.1	136.5	131.9	-	-
Electric goods.....	4236	93.3	98.0	96.9	-	-	127.7	136.1	133.3	-	-
Electrical equipment and wiring.....	42361	106.3	108.7	106.8	-	-	146.6	152.4	147.4	-	-
Electric appliances and other electronic parts.....	42362,9	82.4	88.7	88.2	-	-	112.7	122.8	121.8	-	-
Hardware and plumbing.....	4237	106.8	111.5	109.9	-	-	149.5	164.5	161.0	-	-
Hardware.....	42371	109.1	110.2	108.7	-	-	162.0	168.2	164.3	-	-
Plumbing equipment.....	42372	108.2	120.6	117.8	-	-	160.0	184.5	180.8	-	-
HVAC and refrigeration equipment.....	42373,4	102.6	102.5	101.8	-	-	128.8	142.4	139.2	-	-
Machinery and supplies.....	4238	105.3	107.7	105.6	-	-	144.5	153.0	149.5	-	-
Construction equipment.....	42381	107.6	114.6	113.7	-	-	139.0	154.8	155.4	-	-
Farm and garden equipment.....	42382	100.1	108.7	102.6	-	-	155.2	175.6	163.7	-	-
Industrial machinery.....	42383	103.3	103.8	101.9	-	-	143.8	149.4	145.6	-	-
Industrial supplies.....	42384	130.9	131.9	130.2	-	-	175.9	186.4	184.8	-	-
Miscellaneous durable goods.....	4239	114.0	110.6	109.1	-	-	168.1	156.1	154.1	-	-
Sporting goods.....	42391	103.3	99.5	100.3	-	-	141.5	138.7	141.0	-	-
Recyclable materials.....	42393	114.3	113.2	111.8	-	-	146.3	150.6	149.8	-	-
Nondurable goods.....	424	105.7	109.4	108.0	-	-	144.9	151.2	149.9	-	-
Paper and paper products.....	4241	83.4	84.0	82.1	-	-	118.7	119.1	115.9	-	-
Druggists' goods.....	4242	91.1	87.1	86.7	-	-	131.2	125.9	125.5	-	-
Apparel and piece goods.....	4243	105.5	112.2	115.1	-	-	143.8	152.9	154.9	-	-
Grocery and related products.....	4244	112.8	118.0	117.3	-	-	152.1	160.5	160.4	-	-
General line grocery.....	42441	110.5	114.3	114.8	-	-	148.3	156.5	158.9	-	-
Fruits and vegetables.....	42448	140.7	148.9	146.6	-	-	183.3	201.7	197.5	-	-
Farm product raw materials.....	4245	101.2	131.0	109.3	-	-	152.5	198.3	166.8	-	-
Chemicals.....	4246	108.2	106.3	105.2	-	-	142.3	141.9	142.1	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P
Petroleum.....	4247	102.8	102.7	102.3	-	-	155.4	166.9	163.6	-	-
Alcoholic beverages.....	4248	143.9	148.8	146.1	-	-	191.6	193.9	193.7	-	-
Misc. nondurable goods.....	4249	95.9	98.6	96.6	-	-	128.1	136.6	134.0	-	-
Farm supplies.....	42491	101.4	110.9	106.5	-	-	132.3	150.4	144.3	-	-
Nursery stock and florists' supplies.....	42493	65.9	80.5	78.1	-	-	95.9	113.7	109.4	-	-
Electronic markets and agents and brokers.....	425	148.6	154.4	151.9	-	-	237.2	251.0	244.1	-	-
Business to business electronic markets.....	42511	43.5	48.5	46.8	-	-	59.7	67.6	65.5	-	-
Wholesale trade agents and brokers.....	42512	164.1	169.9	167.2	-	-	256.8	271.1	263.6	-	-
Retail trade.....		107.7	102.2	104.9	107.5	2.5	135.4	132.5	135.7	138.6	2.1
Motor vehicle and parts dealers.....	441	112.1	114.8	113.1	-	-	132.9	137.3	135.1	-	-
Automobile dealers.....	4411	112.0	115.0	113.1	-	-	126.9	130.5	128.2	-	-
New car dealers.....	44111	107.2	110.0	108.2	-	-	120.6	124.3	122.0	-	-
Used car dealers.....	44112	171.8	176.9	175.9	-	-	234.8	235.2	236.0	-	-
Other motor vehicle dealers.....	4412	102.1	110.7	107.5	-	-	133.3	150.9	147.5	-	-
Auto parts, accessories, and tire stores.....	4413	114.6	115.5	114.2	-	-	154.5	158.9	156.6	-	-
Automotive parts and accessories stores.....	44131	113.5	113.6	112.6	-	-	162.3	164.0	161.7	-	-
Tire dealers.....	44132	117.0	119.7	117.3	-	-	140.6	150.1	147.2	-	-
Furniture and home furnishings stores.....	442	95.3	93.6	95.0	-	-	123.0	127.1	126.3	-	-
Furniture stores.....	4421	90.4	90.8	92.0	-	-	118.9	121.6	119.3	-	-
Home furnishings stores.....	4422	101.1	97.4	98.0	-	-	129.0	135.3	135.6	-	-
Floor covering stores.....	44221	70.6	73.7	72.6	-	-	94.0	109.5	109.3	-	-
Other home furnishings stores.....	44229	125.7	116.3	118.8	-	-	168.0	163.7	165.3	-	-
Electronics and appliance stores.....	443	113.3	105.1	105.6	-	-	165.2	155.1	156.9	-	-
Household appliance stores.....	443141	68.0	66.2	66.8	-	-	88.8	86.9	86.2	-	-
Electronics stores.....	443142	122.0	112.4	112.9	-	-	177.1	165.4	167.5	-	-
Building material and garden supply stores.....	444	93.6	96.1	95.3	-	-	118.4	125.2	123.5	-	-
Building material and supplies dealers.....	4441	93.2	94.0	93.6	-	-	117.2	121.7	120.6	-	-
Home centers.....	44411	100.3	99.6	99.6	-	-	119.4	123.7	123.7	-	-
Hardware stores.....	44413	83.6	87.1	85.3	-	-	111.2	119.4	117.1	-	-
Lawn and garden equipment and supplies stores...	4442	95.9	111.5	107.5	-	-	127.1	153.9	146.9	-	-
Food and beverage stores.....	445	92.8	92.7	93.2	-	-	112.0	110.8	113.2	-	-
Grocery stores.....	4451	93.7	93.7	94.6	-	-	114.5	113.0	116.0	-	-
Supermarkets and other grocery stores.....	44511	92.7	92.8	93.4	-	-	113.2	111.7	114.5	-	-
Convenience stores.....	44512	113.5	114.3	114.7	-	-	147.7	149.2	149.4	-	-
Specialty food stores.....	4452	78.9	79.7	77.7	-	-	87.6	90.3	88.5	-	-
Meat markets and fish and seafood markets.....	44521,2	98.0	92.6	93.8	-	-	117.8	116.2	116.8	-	-
Beer, wine, and liquor stores.....	4453	99.2	97.9	97.0	-	-	109.7	108.4	108.3	-	-
Health and personal care stores.....	446	102.2	103.0	103.9	-	-	140.8	145.0	147.1	-	-
Pharmacies and drug stores.....	44611	95.5	96.6	97.2	-	-	137.0	143.7	145.9	-	-
Cosmetic and beauty supply stores.....	44612	135.6	130.4	132.0	-	-	153.1	153.5	158.4	-	-
Optical goods stores.....	44613	127.3	137.8	138.9	-	-	184.6	191.2	190.8	-	-
Other health and personal care stores.....	44619	99.3	99.7	100.0	-	-	131.1	122.5	120.5	-	-
Gasoline stations.....	447	100.8	103.3	102.7	-	-	131.5	136.8	136.9	-	-
Gasoline stations with convenience stores.....	44711	105.2	107.7	106.7	-	-	137.8	143.4	143.0	-	-
Other gasoline stations.....	44719	77.4	80.8	81.1	-	-	102.4	107.5	108.8	-	-
Clothing and clothing accessories stores.....	448	103.0	91.1	94.7	-	-	130.5	121.3	124.8	-	-
Clothing stores.....	4481	101.8	88.1	92.8	-	-	123.9	111.8	117.0	-	-
Women's clothing stores.....	44812	133.2	109.5	116.6	-	-	181.9	142.1	148.5	-	-
Family clothing stores.....	44814	92.0	75.6	82.2	-	-	103.4	92.1	99.6	-	-
Clothing accessories stores.....	44815	149.4	131.1	123.2	-	-	193.1	183.4	179.6	-	-
Shoe stores.....	4482	123.1	119.2	119.0	-	-	197.1	200.1	199.4	-	-
Jewelry, luggage, and leather goods stores.....	4483	91.7	81.1	82.8	-	-	114.6	108.7	108.6	-	-
Sporting goods, hobby, book, and music stores.....	451	115.0	102.6	113.1	-	-	157.0	148.3	160.8	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Percent change from: Nov. 2016 - Dec. 2016 ^P	Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Dec. 2015		Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	
Sporting goods and musical instrument stores.....	4511	133.7	119.9	133.7	-	-	179.3	168.7	185.0	-	-	
Sporting goods stores.....	45111	153.6	143.0	150.5	-	-	201.5	195.4	202.7	-	-	
Hobby, toy, and game stores.....	45112	125.1	108.9	134.1	-	-	148.9	150.5	188.5	-	-	
Book stores and news dealers.....	4512	58.5	50.5	50.0	-	-	80.1	78.2	75.8	-	-	
General merchandise stores.....	452	133.2	111.2	122.9	-	-	153.1	139.6	156.1	-	-	
Miscellaneous store retailers.....	453	90.8	87.8	85.3	-	-	116.7	111.6	107.4	-	-	
Florists.....	4531	52.0	45.1	48.0	-	-	65.7	56.4	57.7	-	-	
Office supplies, stationery, and gift stores.....	4532	66.2	59.2	57.1	-	-	87.8	75.3	72.6	-	-	
Office supplies and stationery stores.....	45321	65.6	53.3	52.1	-	-	88.7	67.3	65.3	-	-	
Gift, novelty, and souvenir stores.....	45322	67.1	64.8	62.0	-	-	86.9	87.2	83.6	-	-	
Used merchandise stores.....	4533	194.1	187.9	189.7	-	-	263.3	277.0	280.1	-	-	
Other miscellaneous store retailers.....	4539	106.8	112.2	106.0	-	-	137.7	140.0	130.8	-	-	
Pet and pet supplies stores.....	45391	159.4	171.6	163.6	-	-	239.3	230.6	223.0	-	-	
Nonstore retailers.....	454	133.8	122.2	127.3	-	-	210.1	185.1	188.6	-	-	
Electronic shopping and mail-order houses.....	4541	179.1	157.1	166.0	-	-	281.8	235.9	240.1	-	-	
Electronic shopping and electronic auctions.....	45411,2	450.9	413.2	443.4	-	-	816.6	661.5	679.1	-	-	
Mail-order houses.....	454113	97.4	79.8	82.0	-	-	114.0	102.0	101.5	-	-	
Transportation and warehousing.....		131.6	125.6	127.3	131.4	3.2	173.3	167.9	168.8	171.4	1.5	
Air transportation.....	481	68.8	74.0	71.2	-	-	142.6	159.3	149.5	-	-	
Truck transportation.....	484	118.9	121.3	120.9	-	-	158.6	162.4	161.7	-	-	
General freight trucking.....	4841	114.9	116.7	116.4	-	-	150.9	153.0	152.9	-	-	
General freight trucking, local.....	48411	112.8	111.2	111.3	-	-	154.0	147.0	149.6	-	-	
General freight trucking, long-distance.....	48412	115.6	118.7	118.2	-	-	149.9	155.1	154.0	-	-	
General freight trucking, long-distance TL.....	484121	109.4	113.9	114.1	-	-	146.2	151.4	152.0	-	-	
General freight trucking, long-distance LTL.....	484122	130.4	130.0	128.3	-	-	157.8	162.6	158.7	-	-	
Specialized freight trucking.....	4842	130.0	132.9	131.7	-	-	181.7	188.7	186.1	-	-	
Used household and office goods moving.....	48421	85.9	86.6	83.6	-	-	114.2	115.5	109.8	-	-	
Other specialized trucking, local.....	48422	141.2	146.8	144.0	-	-	198.1	213.0	209.0	-	-	
Other specialized trucking, long-distance.....	48423	148.9	148.7	151.8	-	-	202.7	201.4	202.8	-	-	
Transit and ground passenger transportation.....	485	135.9	135.2	133.3	-	-	175.3	179.4	176.0	-	-	
School and employee bus transportation.....	4854	137.9	138.2	136.8	-	-	191.4	192.2	189.6	-	-	
Other ground passenger transportation.....	4859	188.5	191.2	187.7	-	-	220.5	230.2	226.5	-	-	
Pipeline transportation.....	486	143.6	129.9	129.1	-	-	263.1	238.9	235.4	-	-	
Support activities for transportation.....	488	124.3	122.8	122.6	-	-	164.9	156.9	156.9	-	-	
Support activities for air transportation.....	4881	139.1	133.3	132.7	-	-	173.1	155.3	154.7	-	-	
Airport operations.....	48811	135.2	134.9	134.8	-	-	125.8	127.1	128.2	-	-	
Support activities for water transportation.....	4883	92.8	86.4	87.2	-	-	151.7	128.7	133.3	-	-	
Support activities for road transportation.....	4884	132.7	133.5	133.7	-	-	142.2	142.0	139.4	-	-	
Freight transportation arrangement.....	4885	128.4	132.2	129.5	-	-	176.6	186.8	181.0	-	-	
Support activities for other transportation, including rail.....	4882,9	119.5	119.9	124.4	-	-	177.5	173.9	182.2	-	-	
Couriers and messengers.....	492	214.3	143.8	160.9	-	-	255.2	175.4	193.1	-	-	
Warehousing and storage.....	493	196.3	195.6	201.9	-	-	208.1	209.4	219.1	-	-	
General warehousing and storage.....	49311	209.0	205.6	214.0	-	-	220.0	217.7	230.0	-	-	
Utilities.....	22	97.7	101.3	98.3	98.8	0.5	141.4	152.7	146.5	146.5	0.0	
Power generation and supply.....	2211	96.6	100.4	96.9	-	-	141.7	156.3	149.0	-	-	
Electric power generation.....	22111	61.8	62.9	62.0	-	-	93.0	99.1	97.0	-	-	
Fossil fuel electric power generation.....	221112	68.2	71.3	70.4	-	-	105.3	113.9	112.3	-	-	
Electric power transmission and distribution.....	22112	151.6	159.8	151.7	-	-	228.2	257.8	240.7	-	-	
Natural gas distribution.....	2212	96.4	96.5	95.4	-	-	135.5	137.6	135.8	-	-	
Water, sewage and other systems.....	2213	113.1	124.8	123.6	-	-	160.3	162.0	157.8	-	-	
Information.....	51	90.0	92.4	90.2	90.0	-0.2	131.2	139.6	134.7	135.5	0.6	
Publishing industries, except Internet.....	511	99.8	101.6	98.8	-	-	156.1	162.7	155.9	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Percent change from: Nov. 2016 - Dec. 2016 ^P	Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Dec. 2015		Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	
Newspaper, book, and directory publishers.....	5111	84.7	81.1	80.5	-	-	127.6	121.5	119.8	-	-	
Newspaper publishers.....	51111	79.7	75.9	76.3	-	-	103.8	100.8	101.7	-	-	
Periodical publishers.....	51112	100.5	97.7	93.9	-	-	165.1	159.8	154.5	-	-	
Software publishers.....	5112	124.6	135.2	128.8	-	-	179.8	197.1	186.1	-	-	
Motion picture and sound recording industries.....	512	78.3	86.6	90.3	-	-	81.9	99.1	99.5	-	-	
Broadcasting, except Internet.....	515	87.3	87.0	85.7	-	-	138.7	132.4	132.8	-	-	
Radio broadcasting.....	51511	88.8	91.7	89.6	-	-	160.9	147.9	152.6	-	-	
Telecommunications.....	517	73.2	72.9	71.0	-	-	100.9	105.7	102.3	-	-	
Wired telecommunications carriers.....	5171	82.7	83.1	80.5	-	-	109.7	115.1	111.2	-	-	
Telecommunications resellers.....	517911	33.3	32.0	31.6	-	-	40.0	40.1	39.0	-	-	
Data processing, hosting and related services.....	518	109.9	114.3	107.7	-	-	177.5	199.3	186.2	-	-	
Other information services.....	519	215.6	233.5	224.2	-	-	317.4	347.7	332.2	-	-	
Financial activities.....		110.1	114.1	112.2	112.7	0.4	173.3	185.2	181.1	183.1	1.1	
Credit intermediation and related activities.....	522	102.3	106.0	104.3	-	-	155.2	168.5	165.2	-	-	
Depository credit intermediation.....	5221	99.1	103.4	101.1	-	-	153.0	168.1	162.9	-	-	
Commercial banking.....	52211	101.6	105.7	103.1	-	-	160.2	175.9	169.8	-	-	
Savings institutions.....	52212	61.8	64.1	62.9	-	-	90.3	99.0	96.3	-	-	
Credit unions and other depository credit intermediation.....	52213,9	124.9	131.7	129.9	-	-	183.5	202.7	199.1	-	-	
Nondepository credit intermediation.....	5222	96.6	97.6	97.0	-	-	142.8	148.3	148.0	-	-	
Consumer lending.....	522291	115.0	113.3	110.9	-	-	143.2	138.3	133.7	-	-	
Real estate credit.....	522292	89.8	91.7	91.4	-	-	128.7	132.2	133.8	-	-	
Activities related to credit intermediation.....	5223	139.1	149.2	147.5	-	-	204.9	235.7	232.2	-	-	
Financial transaction processing and clearing.....	52232	215.4	224.0	223.5	-	-	416.7	443.8	432.1	-	-	
Securities, commodity contracts, investments, and funds and trusts.....	523,5	128.9	133.4	127.7	-	-	232.3	242.8	230.4	-	-	
Securities brokerage.....	52312	105.4	105.3	102.9	-	-	180.4	179.8	176.0	-	-	
Securities and commodity contracts brokerage and exchanges.....	5231,2	103.0	104.7	99.7	-	-	194.6	201.0	190.2	-	-	
Other financial investment activities, including funds and trusts.....	5239; 525	172.0	181.5	175.2	-	-	293.0	310.7	296.4	-	-	
Portfolio management.....	52392	159.6	163.1	157.6	-	-	281.3	292.7	278.1	-	-	
Investment advice.....	52393	221.8	237.3	228.9	-	-	364.3	381.9	366.0	-	-	
Insurance carriers and related activities.....	524	116.2	119.5	118.5	-	-	171.6	181.3	179.1	-	-	
Insurance carriers.....	5241	106.5	108.1	108.5	-	-	160.1	167.5	167.6	-	-	
Direct life and health insurance carriers.....	52411	117.8	117.6	118.0	-	-	181.4	189.0	189.4	-	-	
Direct insurers, except life and health.....	52412	95.4	99.0	99.0	-	-	137.9	145.5	144.8	-	-	
Reinsurance carriers.....	52413	91.5	91.2	89.9	-	-	216.8	214.2	212.7	-	-	
Insurance agencies, brokerages, and related services.....	5242	135.7	141.7	138.7	-	-	197.5	211.3	204.9	-	-	
Insurance agencies and brokerages.....	52421	133.2	139.9	136.4	-	-	194.8	206.0	199.8	-	-	
Other insurance-related activities.....	52429	141.7	146.5	144.3	-	-	203.6	223.5	216.6	-	-	
Third-party administration of insurance funds.....	524292	135.1	137.4	134.9	-	-	187.4	208.4	202.8	-	-	
Real estate.....	531	113.3	120.3	118.1	-	-	177.9	195.1	191.7	-	-	
Lessors of real estate.....	5311	90.7	94.8	92.6	-	-	139.9	151.2	147.6	-	-	
Lessors of residential buildings.....	53111	87.4	91.3	89.4	-	-	130.7	141.1	137.7	-	-	
Lessors of nonresidential buildings.....	53112	89.3	93.4	90.1	-	-	156.5	169.3	164.9	-	-	
Offices of real estate agents and brokers.....	5312	100.7	108.3	105.4	-	-	162.8	187.6	180.6	-	-	
Activities related to real estate.....	5313	153.8	164.3	162.4	-	-	233.0	253.1	251.5	-	-	
Real estate property managers.....	53131	153.3	163.1	161.7	-	-	232.1	251.3	250.5	-	-	
Residential property managers.....	531311	160.2	170.4	170.0	-	-	240.3	258.3	260.4	-	-	
Nonresidential property managers.....	531312	138.0	146.4	143.0	-	-	218.0	238.5	233.1	-	-	
Rental and leasing services.....	532	89.6	91.6	89.8	-	-	133.2	144.8	142.4	-	-	
Home health equipment rental.....	532291	125.2	120.4	124.6	-	-	133.6	123.8	125.3	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P
General rental centers.....	5323	68.1	74.2	66.6	-	-	71.5	74.3	69.1	-	-
Machinery and equipment rental and leasing.....	5324	132.5	132.7	131.3	-	-	206.7	221.6	220.3	-	-
Heavy machinery rental and leasing.....	53241	125.9	116.8	114.8	-	-	207.3	211.1	210.5	-	-
Office equipment and other machinery rental and leasing.....	53242,9	142.0	155.3	154.7	-	-	205.9	235.5	233.1	-	-
Professional and business services.....		130.9	135.8	133.3	133.1	-0.2	194.2	208.1	203.0	203.3	0.1
Professional and technical services.....	54	138.0	146.6	142.7	-	-	208.5	228.4	220.1	-	-
Legal services.....	5411	100.6	104.5	100.7	-	-	150.2	161.0	152.2	-	-
Offices of lawyers.....	54111	99.2	103.5	99.6	-	-	149.4	160.2	151.5	-	-
Other legal services.....	54119	122.1	121.1	119.8	-	-	169.1	181.2	173.7	-	-
Title abstract and settlement offices.....	541191	104.1	104.8	103.5	-	-	129.6	135.8	128.9	-	-
Accounting and bookkeeping services.....	5412	115.3	117.4	114.6	-	-	176.1	180.9	175.7	-	-
Offices of certified public accountants.....	541211	119.0	125.6	120.2	-	-	173.2	183.3	173.9	-	-
Payroll services.....	541214	146.5	158.5	159.4	-	-	243.3	247.3	254.0	-	-
Architectural and engineering services.....	5413	115.2	121.0	118.5	-	-	173.6	184.8	180.9	-	-
Architectural services.....	54131	100.9	107.9	104.3	-	-	147.1	161.6	153.3	-	-
Landscape architectural services.....	54132	81.1	97.8	90.9	-	-	138.5	161.3	150.4	-	-
Engineering and drafting services.....	54133,4	122.6	127.4	125.7	-	-	183.8	192.9	190.7	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	95.4	100.2	97.5	-	-	140.1	160.3	159.5	-	-
Testing laboratories.....	54138	111.2	119.6	115.2	-	-	161.0	177.7	166.4	-	-
Specialized design services.....	5414	124.3	129.9	124.2	-	-	200.8	211.9	202.7	-	-
Graphic design services.....	54143	104.9	107.6	101.3	-	-	184.1	190.4	177.3	-	-
Computer systems design and related services.....	5415	173.2	187.6	181.6	-	-	243.3	271.7	259.8	-	-
Custom computer programming services.....	541511	162.9	179.7	173.7	-	-	229.8	256.7	246.3	-	-
Computer systems design services.....	541512	211.0	229.0	221.5	-	-	281.5	316.5	301.1	-	-
Management and technical consulting services.....	5416	217.3	236.3	229.8	-	-	309.0	346.9	334.0	-	-
Management consulting services.....	54161	207.2	227.4	222.8	-	-	288.2	328.4	317.5	-	-
Administrative management consulting services..	541611	215.2	237.7	233.7	-	-	337.7	377.9	367.8	-	-
Marketing consulting services.....	541613	345.2	387.2	373.0	-	-	450.1	515.6	497.5	-	-
Process and logistics consulting services.....	541614	220.4	232.5	228.4	-	-	243.9	284.7	282.3	-	-
Scientific research and development services.....	5417	134.0	141.9	138.8	-	-	216.3	238.7	230.4	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.1	150.2	146.6	-	-	228.2	253.0	244.0	-	-
Biotechnology research.....	541711	144.1	157.4	153.8	-	-	222.6	250.7	242.7	-	-
Physical, engineering, and life sciences research.....	541712	140.2	147.7	144.3	-	-	229.8	253.7	244.5	-	-
Social science and humanities research.....	54172	81.4	80.1	80.6	-	-	116.9	119.0	116.9	-	-
Advertising and related services.....	5418	126.4	134.5	128.9	-	-	206.4	230.3	217.8	-	-
Advertising agencies.....	54181	145.9	152.7	144.7	-	-	224.5	249.9	233.5	-	-
Public relations agencies.....	54182	127.4	131.4	122.4	-	-	194.2	209.0	193.7	-	-
Advertising material distribution and other advertising services.....	54187,9	146.1	160.2	156.1	-	-	214.9	252.7	249.4	-	-
Other professional and technical services.....	5419	152.1	163.5	162.1	-	-	235.6	268.7	264.5	-	-
Marketing research and public opinion polling.....	54191	94.4	101.5	96.4	-	-	150.0	159.5	152.2	-	-
Photographic services.....	54192	78.2	66.3	64.9	-	-	108.7	100.1	100.7	-	-
Veterinary services.....	54194	159.1	165.2	164.5	-	-	231.2	250.9	248.3	-	-
Miscellaneous professional and technical services..	54193,9	326.5	400.7	400.8	-	-	539.3	703.2	693.3	-	-
Management of companies and enterprises.....	55	130.3	130.0	126.6	-	-	220.6	220.0	214.9	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	113.6	107.7	107.2	-	-	174.9	177.3	173.9	-	-
Managing offices.....	551114	131.3	131.3	127.7	-	-	223.8	222.9	217.7	-	-
Administrative and waste services.....	56	125.0	128.9	127.7	-	-	166.8	177.6	177.1	-	-
Administrative and support services.....	561	125.0	128.6	127.4	-	-	167.3	177.7	177.2	-	-
Office administrative services.....	5611	182.8	191.4	189.3	-	-	299.9	334.2	330.7	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Percent change from: Nov. 2016 - Dec. 2016 ^P	Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Dec. 2015		Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	
Facilities support services.....	5612	149.4	151.2	151.7	-	-	159.9	176.5	174.5	-	-	
Employment services.....	5613	124.1	121.5	123.6	-	-	159.5	158.3	162.4	-	-	
Employment placement agencies and executive search services.....	56131	113.1	113.8	113.2	-	-	187.4	187.9	190.3	-	-	
Temporary help services.....	56132	150.2	147.1	149.5	-	-	189.0	188.3	192.7	-	-	
Professional employer organizations.....	56133	50.9	49.0	49.8	-	-	66.3	63.6	66.0	-	-	
Business support services.....	5614	137.4	135.7	134.9	-	-	184.1	193.5	191.4	-	-	
Telephone call centers.....	56142	174.8	171.7	172.5	-	-	241.8	253.2	255.4	-	-	
Business service centers.....	56143	102.0	95.8	95.1	-	-	136.4	131.9	130.4	-	-	
Collection agencies.....	56144	95.9	93.4	91.6	-	-	132.4	132.7	129.0	-	-	
Travel arrangement and reservation services.....	5615	85.4	86.3	83.3	-	-	133.5	139.5	135.3	-	-	
Travel agencies.....	56151	72.7	75.1	73.6	-	-	98.5	98.7	96.8	-	-	
Investigation and security services.....	5616	123.3	125.1	124.5	-	-	169.8	184.7	191.6	-	-	
Security and armored car services.....	56161	121.6	123.4	122.4	-	-	165.6	180.8	187.7	-	-	
Security systems services.....	56162	133.9	137.7	139.4	-	-	187.7	203.3	210.1	-	-	
Services to buildings and dwellings.....	5617	121.0	139.6	132.6	-	-	162.9	195.3	183.8	-	-	
Exterminating and pest control services.....	56171	136.6	154.1	149.1	-	-	200.3	238.0	222.2	-	-	
Janitorial services.....	56172	125.3	131.3	128.2	-	-	165.2	179.5	174.4	-	-	
Landscaping services.....	56173	116.0	153.1	139.9	-	-	160.2	214.4	195.5	-	-	
Carpet and upholstery cleaning services.....	56174	92.6	96.9	98.3	-	-	128.0	130.3	131.9	-	-	
Other services to buildings and dwellings.....	56179	117.8	122.4	115.7	-	-	140.4	154.6	146.6	-	-	
Other support services.....	5619	100.8	116.3	110.8	-	-	130.1	152.2	145.4	-	-	
Packaging and labeling services.....	56191	134.0	132.2	129.5	-	-	199.3	196.6	195.5	-	-	
Convention and trade show organizers.....	56192	87.5	111.5	103.3	-	-	102.6	132.0	119.6	-	-	
All other support services.....	56199	93.8	112.8	107.1	-	-	127.2	152.1	146.7	-	-	
Waste management and remediation services.....	562	126.6	128.7	127.9	-	-	161.4	169.4	168.9	-	-	
Waste collection.....	5621	150.7	156.3	155.7	-	-	199.9	209.7	208.8	-	-	
Waste treatment and disposal.....	5622	90.6	90.7	92.4	-	-	131.4	140.7	144.2	-	-	
Remediation and other waste services.....	5629	141.8	141.8	138.8	-	-	159.3	164.2	160.7	-	-	
Education and health services.....		135.5	139.7	139.4	139.3	-0.1	199.9	209.0	208.8	209.2	0.2	
Health care and social assistance.....	62	136.9	140.9	140.6	-	-	204.0	213.4	213.1	-	-	
Health care ⁵	621,2,3	133.5	137.1	137.1	-	-	203.8	212.4	212.9	-	-	
Ambulatory health care services.....	621	152.4	158.4	158.5	-	-	231.1	244.3	244.2	-	-	
Offices of physicians.....	6211	132.9	137.5	137.6	-	-	229.7	241.2	241.9	-	-	
Offices of physicians, except mental health.....	621111	133.1	137.8	137.9	-	-	230.7	242.6	243.2	-	-	
Offices of mental health physicians.....	621112	125.6	114.1	115.6	-	-	175.1	162.0	161.2	-	-	
Offices of dentists.....	6212	129.3	130.0	131.0	-	-	178.3	183.9	184.3	-	-	
Offices of other health practitioners.....	6213	164.7	172.8	171.6	-	-	236.0	251.5	248.3	-	-	
Offices of chiropractors.....	62131	137.7	139.0	134.7	-	-	195.0	203.8	194.0	-	-	
Offices of optometrists.....	62132	158.1	153.7	151.0	-	-	224.8	228.0	219.9	-	-	
Offices of mental health practitioners.....	62133	108.7	122.9	121.7	-	-	136.1	149.7	146.2	-	-	
Offices of specialty therapists.....	62134	185.9	196.4	194.9	-	-	268.7	283.9	282.0	-	-	
Offices of all other health practitioners.....	62139	199.6	225.5	227.7	-	-	279.8	323.9	323.7	-	-	
Outpatient care centers.....	6214	198.4	206.6	208.5	-	-	294.6	311.1	312.5	-	-	
Outpatient mental health centers.....	62142	162.2	166.4	164.0	-	-	203.7	217.6	212.8	-	-	
Outpatient care centers, except mental health.....	62141,9	217.4	227.2	232.0	-	-	335.6	352.5	357.5	-	-	
Freestanding emergency medical centers....	621493	216.4	208.4	215.2	-	-	350.1	325.7	331.8	-	-	
Miscellaneous outpatient care centers.....	621410,98	205.4	219.5	224.1	-	-	312.2	341.6	346.8	-	-	
Medical and diagnostic laboratories.....	6215	150.3	155.0	152.0	-	-	212.0	225.5	221.5	-	-	
Medical laboratories.....	621511	153.8	155.9	151.6	-	-	216.2	236.1	229.6	-	-	
Diagnostic imaging centers.....	621512	140.9	152.7	153.1	-	-	201.7	199.1	201.3	-	-	
Home health care services.....	6216	195.8	210.5	209.4	-	-	257.6	284.4	282.6	-	-	
Other ambulatory health care services.....	6219	157.0	158.9	159.3	-	-	233.2	241.1	239.8	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P
Ambulance services.....	62191	161.3	162.8	164.5	-	-	226.9	234.7	231.8	-	-
All other ambulatory health care services.....	62199	150.7	152.6	151.5	-	-	241.3	248.5	249.9	-	-
Hospitals.....	622	125.7	128.0	128.7	-	-	200.7	206.4	208.1	-	-
General medical and surgical hospitals.....	6221	122.6	125.2	125.6	-	-	197.7	203.5	204.5	-	-
Nursing and residential care facilities.....	623	117.0	119.7	118.1	-	-	152.8	160.5	158.4	-	-
Nursing care facilities.....	6231	103.0	104.3	103.0	-	-	136.5	142.8	140.8	-	-
Residential mental health facilities.....	6232	127.0	130.6	128.7	-	-	165.3	175.5	173.0	-	-
Residential intellectual and developmental disability facilities.....	62321	120.0	122.6	121.2	-	-	149.6	156.9	155.6	-	-
Residential mental health and substance abuse facilities.....	62322	142.0	148.5	145.9	-	-	195.6	211.9	207.9	-	-
Community care facilities for the elderly.....	6233	158.1	163.1	162.5	-	-	208.6	218.2	217.7	-	-
Continuing care retirement communities.....	623311	190.3	194.6	194.5	-	-	253.7	264.6	263.8	-	-
Assisted living facilities for the elderly.....	623312	131.3	137.3	135.8	-	-	167.1	175.9	175.2	-	-
Other residential care facilities.....	6239	91.3	95.9	94.8	-	-	120.2	126.5	125.9	-	-
Social assistance.....	624	156.8	160.9	160.1	-	-	206.3	217.8	215.4	-	-
Individual and family services.....	6241	211.0	215.7	215.4	-	-	267.5	282.1	280.5	-	-
Child and youth services.....	62411	125.1	123.1	124.6	-	-	172.6	175.3	175.8	-	-
Services for the elderly and persons with disabilities.....	62412	269.6	276.6	274.9	-	-	347.0	369.9	365.9	-	-
Other individual and family services.....	62419	134.4	140.1	140.2	-	-	189.3	199.7	198.9	-	-
Emergency and other relief services.....	6242	125.1	132.0	128.2	-	-	171.3	191.9	183.8	-	-
Vocational rehabilitation services.....	6243	86.7	89.9	88.6	-	-	117.2	120.5	118.7	-	-
Child day care services.....	6244	123.8	127.1	126.2	-	-	165.2	174.5	171.6	-	-
Leisure and hospitality.....		119.2	125.4	122.4	120.0	-2.0	171.7	185.3	181.3	179.1	-1.2
Arts, entertainment, and recreation.....	71	101.8	111.1	103.8	-	-	145.5	159.3	153.0	-	-
Performing arts and spectator sports.....	711	119.6	127.4	118.2	-	-	176.1	194.9	192.9	-	-
Performing arts companies.....	7111	109.7	110.5	113.6	-	-	204.8	218.4	243.9	-	-
Spectator sports.....	7112	93.1	103.1	88.5	-	-	121.2	140.9	128.6	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	178.1	194.5	180.6	-	-	229.1	264.7	256.0	-	-
Independent artists, writers, and performers.....	7115	130.4	133.2	119.8	-	-	209.6	207.4	187.5	-	-
Museums, historical sites, and similar institutions.....	712	112.5	127.9	116.6	-	-	155.0	177.3	164.4	-	-
Museums.....	71211	108.3	117.7	110.3	-	-	143.2	162.8	152.4	-	-
Historical sites and other similar institutions.....	71212,3,9	119.1	144.2	127.3	-	-	179.0	207.0	189.8	-	-
Amusements, gambling, and recreation.....	713	96.1	104.8	98.4	-	-	132.1	142.2	134.8	-	-
Gambling industries.....	7132	93.5	94.8	95.3	-	-	139.4	145.0	146.5	-	-
Golf courses and country clubs.....	71391	94.6	118.7	104.0	-	-	131.5	160.7	143.7	-	-
Skiing facilities.....	71392	213.6	64.5	81.2	-	-	303.0	121.3	140.9	-	-
Marinas.....	71393	100.0	102.4	95.4	-	-	153.3	151.8	142.8	-	-
Fitness and recreational sports centers.....	71394	93.3	94.8	92.6	-	-	114.4	120.9	118.3	-	-
Bowling centers.....	71395	80.7	73.5	76.5	-	-	109.3	98.5	102.7	-	-
Accommodation and food services.....	72	122.1	128.0	125.7	-	-	178.0	191.8	188.4	-	-
Accommodation.....	721	99.4	108.5	102.9	-	-	140.2	154.5	146.6	-	-
Traveler accommodation.....	7211	99.6	108.1	103.1	-	-	140.5	154.3	147.1	-	-
Hotels and motels, except casino hotels.....	72111	103.0	112.3	106.4	-	-	147.0	162.0	153.8	-	-
RV parks and recreational camps.....	7212	84.2	123.7	98.6	-	-	118.3	161.2	130.4	-	-
Food services and drinking places.....	722	127.6	132.3	130.8	-	-	189.7	202.5	200.3	-	-
Special food services.....	7223	133.3	133.7	128.4	-	-	189.1	189.3	182.0	-	-
Food service contractors.....	72231	130.8	133.4	129.1	-	-	180.7	181.4	174.8	-	-
Caterers and mobile food services.....	72232,3	140.5	133.7	125.1	-	-	218.6	217.0	207.0	-	-
Drinking places, alcoholic beverages.....	7224	90.1	94.9	92.8	-	-	147.2	167.4	164.8	-	-
Restaurants and other eating places.....	7225	129.2	134.3	133.1	-	-	192.1	205.9	204.1	-	-
Full-service restaurants.....	722511	126.0	129.6	127.9	-	-	198.5	209.5	206.8	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9b. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, not seasonally adjusted¹ — Continued

[2002=100]

Industry	2012 NAICS code	Index of aggregate weekly hours ²					Percent change from: Nov. 2016 - Dec. 2016 ^P	Index of aggregate weekly payrolls ³				
		Dec. 2015	Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Dec. 2015		Oct. 2016	Nov. 2016 ^P	Dec. 2016 ^P	Percent change from: Nov. 2016 - Dec. 2016 ^P	
Limited-service restaurants.....	722513	130.9	136.8	136.2	-	-	180.0	196.6	196.3	-	-	
Cafeterias, grill buffets, and buffets.....	722514	81.5	81.6	81.3	-	-	105.8	108.8	109.2	-	-	
Snack and nonalcoholic beverage bars.....	722515	181.4	197.7	195.0	-	-	253.9	282.7	279.6	-	-	
Other services.....	81	100.7	102.9	101.7	101.3	-0.4	140.7	145.7	143.4	143.0	-0.3	
Repair and maintenance.....	811	106.2	107.5	105.7	-	-	142.2	146.1	143.5	-	-	
Automotive repair and maintenance.....	8111	103.0	106.1	105.5	-	-	136.5	142.5	142.4	-	-	
Automotive mechanical and electrical repair.....	81111	102.8	103.7	102.7	-	-	133.1	139.2	139.9	-	-	
General automotive repair.....	811111	115.2	117.0	116.1	-	-	146.9	154.4	155.6	-	-	
Automotive body, interior, and glass repair.....	81112	103.6	106.2	106.0	-	-	139.8	143.9	143.4	-	-	
Other automotive repair and maintenance.....	81119	103.2	111.2	110.3	-	-	139.8	150.5	147.7	-	-	
Car washes.....	811192	104.8	120.1	119.1	-	-	141.4	163.5	161.0	-	-	
Auto oil change shops and all other auto repair and maintenance.....	811191,8	101.0	99.0	97.8	-	-	137.9	135.3	131.6	-	-	
Electronic equipment repair and maintenance.....	8112	98.1	94.3	93.4	-	-	127.9	124.8	121.3	-	-	
Computer and office machine repair.....	811212	87.9	79.7	81.3	-	-	108.0	107.9	106.7	-	-	
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	106.6	106.6	103.6	-	-	143.9	138.5	133.3	-	-	
Commercial machinery repair and maintenance.....	8113	138.2	138.4	131.8	-	-	191.2	197.7	185.7	-	-	
Household goods repair and maintenance.....	8114	87.0	75.9	74.8	-	-	107.6	92.3	92.6	-	-	
Personal and laundry services.....	812	104.0	105.4	103.8	-	-	142.9	146.6	143.3	-	-	
Personal care services.....	8121	119.8	120.2	119.0	-	-	178.7	180.1	177.4	-	-	
Hair, nail, and skin care services.....	81211	111.5	109.5	108.6	-	-	160.6	159.9	157.3	-	-	
Other personal care services.....	81219	186.5	206.9	200.4	-	-	333.7	357.7	348.6	-	-	
Death care services.....	8122	90.5	95.3	91.7	-	-	121.4	135.6	126.6	-	-	
Drycleaning and laundry services.....	8123	78.8	80.1	78.5	-	-	100.8	105.2	103.0	-	-	
Coin-operated laundries and drycleaners.....	81231	79.9	78.6	76.5	-	-	92.9	98.7	93.7	-	-	
Drycleaning and laundry services, except coin-operated.....	81232	64.3	64.0	62.2	-	-	83.0	87.2	84.6	-	-	
Linen and uniform supply.....	81233	97.4	101.8	100.4	-	-	120.2	124.6	123.6	-	-	
Other personal services.....	8129	125.3	127.2	124.8	-	-	152.3	152.6	149.0	-	-	
Pet care services, except veterinary.....	81291	288.5	317.0	312.4	-	-	320.9	341.1	338.6	-	-	
Parking lots and garages.....	81293	133.3	129.8	126.9	-	-	164.7	164.4	158.7	-	-	
Membership associations and organizations.....	813	96.7	99.8	99.0	-	-	139.4	145.4	143.7	-	-	
Grantmaking and giving services.....	8132	137.6	145.9	142.7	-	-	252.5	256.3	244.0	-	-	
Grantmaking foundations.....	813211	235.8	260.6	249.6	-	-	430.2	453.6	421.8	-	-	
Social advocacy organizations.....	8133	115.0	123.3	120.8	-	-	172.8	200.2	192.5	-	-	
Human rights organizations.....	813311	110.1	107.5	109.8	-	-	149.3	160.4	155.9	-	-	
Environment, conservation, and other social advocacy organizations.....	813312,9	116.4	128.4	124.4	-	-	181.1	214.4	205.6	-	-	
Civic and social organizations.....	8134	75.5	78.7	78.2	-	-	99.4	108.0	107.4	-	-	
Professional and similar organizations.....	8139	91.5	104.4	101.1	-	-	133.6	153.7	149.6	-	-	
Business associations.....	81391	93.0	102.9	100.5	-	-	137.1	155.5	153.0	-	-	
Professional organizations.....	81392	133.6	130.9	125.6	-	-	199.7	200.9	194.2	-	-	
Labor unions and similar labor organizations.....	81393	77.5	87.8	83.0	-	-	108.6	122.7	118.2	-	-	
Miscellaneous professional and similar organizations.....	81394,9	85.9	109.2	107.5	-	-	128.4	173.8	170.7	-	-	

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.

