

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P
Total private.....		112.3	114.1	113.3	115.1	1.6	159.1	163.7	164.0	167.8	2.3
Goods-producing.....		91.6	91.4	91.2	91.0	-0.2	124.6	127.4	127.6	127.6	0.0
Mining and logging.....		140.1	117.5	116.8	119.6	2.4	216.7	183.2	183.4	188.1	2.6
Logging.....	1133	84.3	79.3	78.4	-	-	120.7	116.1	110.5	-	-
Mining.....	21	147.6	122.6	122.0	-	-	227.7	190.7	191.7	-	-
Oil and gas extraction.....	211	168.2	140.1	138.0	-	-	274.7	247.7	247.4	-	-
Mining, except oil and gas.....	212	96.5	88.4	87.5	-	-	137.8	124.2	124.4	-	-
Coal mining.....	2121	83.3	69.3	69.6	-	-	123.4	98.1	100.6	-	-
Stone mining and quarrying.....	21231	91.5	90.6	91.2	-	-	122.4	125.6	125.9	-	-
Crushed and broken limestone mining.....	212312	84.8	82.4	84.5	-	-	122.4	120.8	121.8	-	-
Other stone mining and quarrying.....	212311,3,9	100.3	101.4	99.9	-	-	122.5	131.5	131.1	-	-
Support activities for mining.....	213	197.6	154.7	154.9	-	-	326.0	252.5	255.1	-	-
Support activities for oil and gas operations.....	213112	217.5	167.7	166.9	-	-	398.2	302.4	303.3	-	-
Construction.....	23	104.4	106.3	105.8	106.0	0.2	143.8	150.6	150.3	151.0	0.5
Construction of buildings.....	236	91.7	94.4	93.6	-	-	129.3	137.1	135.3	-	-
Residential building.....	2361	88.7	91.5	91.1	-	-	123.5	128.3	128.8	-	-
New single-family general contractors.....	236115	69.7	71.0	69.8	-	-	100.7	100.8	99.1	-	-
Residential remodelers.....	236118	124.9	130.6	130.4	-	-	162.8	176.7	179.5	-	-
Nonresidential building.....	2362	94.6	97.4	96.0	-	-	134.1	144.6	140.6	-	-
Industrial building.....	23621	84.7	82.6	83.8	-	-	125.1	124.1	125.3	-	-
Commercial building.....	23622	98.4	102.9	100.5	-	-	137.4	152.0	146.1	-	-
Heavy and civil engineering construction.....	237	114.6	108.9	112.0	-	-	174.5	167.8	174.9	-	-
Utility system construction.....	2371	136.9	123.4	128.2	-	-	219.1	199.4	209.5	-	-
Water and sewer system construction.....	23711	95.1	97.9	101.7	-	-	134.3	139.5	145.5	-	-
Oil and gas pipeline construction.....	23712	197.7	160.2	168.2	-	-	352.8	296.0	319.1	-	-
Power and communication system construction..	23713	152.5	133.5	136.8	-	-	248.7	219.2	225.3	-	-
Land subdivision.....	2372	21.4	22.2	23.5	-	-	37.3	43.3	45.5	-	-
Highway, street, and bridge construction.....	2373	111.5	114.7	117.5	-	-	158.6	165.4	171.1	-	-
Other heavy construction.....	2379	98.7	89.7	88.6	-	-	146.3	133.7	136.3	-	-
Specialty trade contractors.....	238	105.9	109.4	108.3	-	-	140.8	150.3	149.2	-	-
Building foundation and exterior contractors.....	2381	101.8	103.7	104.3	-	-	136.1	140.4	141.2	-	-
Poured concrete structure contractors.....	23811	116.4	121.8	124.9	-	-	166.9	180.4	184.3	-	-
Steel and precast concrete contractors.....	23812	100.4	95.6	101.4	-	-	142.2	127.3	140.8	-	-
Framing contractors.....	23813	68.3	65.0	63.9	-	-	83.8	77.8	76.8	-	-
Masonry contractors.....	23814	79.0	76.9	76.9	-	-	104.9	100.4	99.6	-	-
Glass and glazing contractors.....	23815	112.6	128.6	124.2	-	-	141.7	176.0	167.0	-	-
Roofing contractors.....	23816	124.6	127.6	129.4	-	-	162.9	176.8	177.9	-	-
Siding contractors.....	23817	122.8	126.0	121.5	-	-	193.8	223.6	202.1	-	-
Other building exterior contractors.....	23819	142.6	155.2	148.4	-	-	183.3	192.1	184.3	-	-
Building equipment contractors.....	2382	107.4	115.6	113.2	-	-	141.0	157.9	155.4	-	-
Electrical contractors.....	23821	95.7	104.3	102.9	-	-	128.4	146.2	144.4	-	-
Plumbing and HVAC contractors.....	23822	116.1	125.4	121.5	-	-	151.7	167.9	163.9	-	-
Other building equipment contractors.....	23829	141.1	134.7	138.3	-	-	170.1	179.8	184.3	-	-
Building finishing contractors.....	2383	91.9	93.7	91.7	-	-	123.9	128.9	126.0	-	-
Drywall and insulation contractors.....	23831	76.7	75.1	75.2	-	-	105.5	105.9	106.5	-	-
Painting and wall covering contractors.....	23832	99.4	105.0	100.3	-	-	127.2	134.7	129.6	-	-
Flooring contractors.....	23833	91.4	97.7	90.3	-	-	123.0	132.4	119.9	-	-
Tile and terrazzo contractors.....	23834	125.1	117.5	110.2	-	-	185.9	177.3	159.0	-	-
Finish carpentry contractors.....	23835	95.7	102.7	103.7	-	-	133.1	145.8	145.3	-	-
Other building finishing contractors.....	23839	113.1	111.2	112.0	-	-	158.3	170.6	175.1	-	-
Other specialty trade contractors.....	2389	127.2	122.0	122.1	-	-	171.3	170.9	172.2	-	-
Site preparation contractors.....	23891	124.5	121.3	122.3	-	-	165.5	170.4	173.3	-	-

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					Percent change from: Sept. 2016 - Oct. 2016 ^P	Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Oct. 2015		Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	
All other specialty trade contractors.....	23899	130.4	122.7	122.2	-	-	178.4	171.5	171.3	-	-	
Manufacturing.....		83.6	83.4	83.2	82.9	-0.4	109.5	111.8	112.1	111.7	-0.4	
Durable goods.....		84.6	84.2	83.9	83.8	-0.1	111.1	113.3	113.3	112.7	-0.5	
Wood products.....	321	71.5	71.2	70.3	71.0	1.0	95.8	97.8	97.5	98.3	0.8	
Sawmills and wood preservation.....	3211	73.8	72.7	72.9	-	-	95.0	99.0	99.0	-	-	
Plywood and engineered wood products.....	3212	73.3	73.0	72.1	-	-	101.0	102.3	103.0	-	-	
Other wood products.....	3219	69.6	69.8	68.5	-	-	93.7	95.4	94.3	-	-	
Millwork.....	32191	68.7	65.6	64.6	-	-	91.5	88.2	87.2	-	-	
Wood windows and doors.....	321911	66.5	63.1	62.9	-	-	97.7	91.8	91.5	-	-	
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	70.7	67.8	66.1	-	-	85.6	84.8	83.1	-	-	
Wood containers and pallets.....	32192	89.5	90.5	91.7	-	-	129.0	136.2	136.9	-	-	
All other wood products.....	32199	58.2	63.1	59.3	-	-	78.1	84.8	82.1	-	-	
Nonmetallic mineral products.....	327	79.1	78.5	77.8	78.0	0.3	103.6	104.5	103.1	102.6	-0.5	
Cement and concrete products.....	3273	85.9	89.0	88.4	-	-	118.8	120.0	116.2	-	-	
Ready-mix concrete.....	32732	86.1	85.9	83.8	-	-	118.4	114.0	108.3	-	-	
Other cement and concrete products.....	32731,3,9	85.8	92.6	94.0	-	-	119.5	128.3	127.4	-	-	
Primary metals.....	331	78.1	75.8	74.6	74.9	0.4	98.8	99.4	100.0	98.2	-1.8	
Foundries.....	3315	69.1	62.7	63.0	-	-	86.2	80.0	82.0	-	-	
Fabricated metal products.....	332	95.7	93.5	93.5	94.0	0.5	125.3	125.4	126.1	127.5	1.1	
Forging and stamping.....	3321	90.8	90.8	93.1	-	-	114.0	119.6	124.5	-	-	
Architectural and structural metals.....	3323	98.2	97.6	97.2	-	-	128.8	129.4	129.4	-	-	
Plate work and fabricated structural products...	33231	101.0	96.4	95.5	-	-	138.5	133.1	132.2	-	-	
Fabricated structural metal products.....	332312	104.4	101.7	99.8	-	-	147.0	140.7	139.5	-	-	
Ornamental and architectural metal products...	33232	96.2	98.7	98.8	-	-	121.3	126.6	127.4	-	-	
Sheet metal work.....	332322	114.3	113.3	114.1	-	-	140.1	142.5	142.9	-	-	
Boilers, tanks, and shipping containers.....	3324	114.7	98.4	97.3	-	-	147.4	131.3	129.2	-	-	
Machine shops and threaded products.....	3327	115.2	111.9	112.4	-	-	145.8	145.1	146.6	-	-	
Machine shops.....	33271	121.8	119.3	119.8	-	-	156.0	156.7	158.1	-	-	
Turned products and screws, nuts, and bolts...	33272	98.4	93.0	93.7	-	-	118.4	114.2	116.1	-	-	
Coating, engraving, and heat treating metals.....	3328	91.8	91.4	90.8	-	-	122.4	122.1	121.7	-	-	
Metal heat treating and coating and nonprecious engraving.....	332811,2	116.7	113.0	111.5	-	-	152.1	149.4	147.6	-	-	
Electroplating, anodizing, and coloring metals...	332813	71.3	73.6	73.7	-	-	96.8	98.8	99.4	-	-	
Other fabricated metal products.....	3329	93.7	92.8	93.4	-	-	125.7	130.3	132.1	-	-	
Metal valves.....	33291	84.1	81.3	80.2	-	-	118.6	118.2	119.0	-	-	
All other fabricated metal products.....	33299	98.8	98.9	100.3	-	-	129.4	136.5	138.8	-	-	
Machinery.....	333	92.1	91.2	91.1	90.9	-0.2	124.0	126.0	125.3	125.5	0.2	
Agricultural, construction, and mining machinery.....	3331	111.9	101.2	102.7	-	-	158.1	147.9	147.9	-	-	
Farm machinery and equipment.....	333111	97.7	90.9	94.9	-	-	131.0	132.6	137.2	-	-	
Industrial machinery.....	3332	88.6	90.5	90.3	-	-	128.6	127.6	128.5	-	-	
Commercial and service industry machinery.....	3333	74.5	74.7	77.0	-	-	116.2	116.9	116.3	-	-	
HVAC and commercial refrigeration equipment...	3334	82.0	87.5	86.4	-	-	107.5	119.8	117.0	-	-	
Metalworking machinery.....	3335	88.5	85.4	85.6	-	-	109.9	111.3	111.9	-	-	
Special tools, dies, jigs, and fixtures.....	333514	81.4	77.2	78.8	-	-	104.8	102.3	105.5	-	-	
Turbine and power transmission equipment.....	3336	80.9	79.7	78.6	-	-	94.3	101.2	101.8	-	-	
Other general purpose machinery.....	3339	101.0	104.0	101.9	-	-	138.9	144.4	141.3	-	-	
Computer and electronic products.....	334	82.1	82.2	81.6	83.0	1.7	118.1	124.1	123.7	126.2	2.0	
Communications equipment.....	3342	53.0	56.7	57.0	-	-	68.9	72.7	72.6	-	-	
Semiconductors and electronic components.....	3344	72.5	71.3	70.5	-	-	99.1	99.6	100.0	-	-	
Semiconductors and related devices.....	334413	71.1	71.8	74.6	-	-	121.8	118.0	121.5	-	-	
Electronic connectors and misc. electronic components.....	334416,7,9	76.0	68.4	66.4	-	-	95.9	95.5	94.1	-	-	

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P
Electronic instruments.....	3345	125.1	125.2	124.3	-	-	206.0	213.8	212.2	-	-
Electrical equipment and appliances.....	335	79.1	78.6	77.9	78.2	0.4	106.7	108.4	108.4	108.7	0.3
Electrical equipment.....	3353	92.8	88.2	84.8	-	-	120.8	123.1	119.0	-	-
Other electrical equipment and components.....	3359	88.8	87.8	87.7	-	-	122.5	121.1	122.7	-	-
Transportation equipment.....	336	89.2	89.8	89.7	88.2	-1.7	108.0	109.1	108.8	106.0	-2.6
Motor vehicles and parts ⁴	3361,2,3	79.8	82.2	82.0	80.6	-1.7	81.2	84.7	84.1	81.4	-3.2
Motor vehicles.....	3361	74.1	79.6	81.1	-	-	74.5	85.9	85.8	-	-
Motor vehicle bodies and trailers.....	3362	103.8	106.4	102.3	-	-	117.0	118.2	113.6	-	-
Motor vehicle parts.....	3363	77.4	78.6	78.5	-	-	79.3	79.0	79.0	-	-
Motor vehicle gasoline engine and parts.....	33631	73.9	71.7	71.8	-	-	84.9	77.5	77.7	-	-
Motor vehicle power train components.....	33635	83.5	87.2	89.1	-	-	81.3	84.7	86.7	-	-
Motor vehicle metal stamping.....	33637	82.4	84.4	83.6	-	-	79.5	83.7	81.7	-	-
All other motor vehicle parts.....	33639	85.4	85.7	85.9	-	-	95.6	92.9	94.1	-	-
Aerospace products and parts.....	3364	127.2	126.5	125.2	-	-	210.6	208.0	205.8	-	-
Aircraft.....	336411	121.3	120.0	120.0	-	-	186.0	183.9	184.4	-	-
Furniture and related products.....	337	61.5	62.2	60.6	60.8	0.3	79.0	83.3	82.0	82.5	0.6
Household and institutional furniture.....	3371	58.8	59.2	58.0	-	-	76.1	79.5	78.8	-	-
Wood kitchen cabinets and countertops.....	33711	72.3	75.3	74.4	-	-	93.0	100.5	99.8	-	-
Other household and institutional furniture.....	33712	50.8	49.9	48.5	-	-	65.4	66.5	65.6	-	-
Upholstered household furniture.....	337121	71.7	71.8	70.0	-	-	84.6	89.1	89.3	-	-
Miscellaneous durable goods manufacturing.....	339	84.7	86.6	87.6	87.2	-0.5	118.4	123.8	126.2	125.2	-0.8
Medical equipment and supplies.....	3391	106.0	111.3	113.2	-	-	144.1	157.8	161.2	-	-
Surgical appliances and supplies.....	339113	115.2	106.6	107.5	-	-	157.2	141.1	140.1	-	-
Dental laboratories.....	339116	78.4	79.4	80.6	-	-	109.0	110.9	114.6	-	-
Other miscellaneous durable goods manufacturing.....	3399	69.0	68.8	69.0	-	-	97.6	96.7	98.0	-	-
Signs.....	33995	97.0	92.7	91.4	-	-	125.9	124.3	120.3	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	68.8	68.3	69.5	-	-	100.3	98.6	102.2	-	-
Nondurable goods.....		82.0	81.9	82.3	81.7	-0.7	106.4	109.0	110.2	110.1	-0.1
Food manufacturing.....	311	104.5	107.3	107.4	104.8	-2.4	134.5	141.1	143.1	140.1	-2.1
Sugar and confectionery products.....	3113	91.2	77.2	77.5	-	-	97.9	86.8	89.3	-	-
Fruit and vegetable preserving and specialty.....	3114	94.2	113.7	108.9	-	-	121.5	147.8	142.7	-	-
Frozen food.....	31141	92.7	100.4	103.5	-	-	124.7	133.2	140.4	-	-
Fruit and vegetable canning and drying.....	31142	95.8	127.7	115.0	-	-	118.3	161.1	145.1	-	-
Dairy products.....	3115	107.0	113.8	112.3	-	-	147.4	157.1	158.4	-	-
Animal slaughtering and processing.....	3116	100.2	99.5	102.1	-	-	131.6	132.5	137.2	-	-
Poultry processing.....	311615	98.8	99.3	101.3	-	-	129.7	131.5	134.4	-	-
Seafood product preparation and packaging.....	3117	73.9	149.3	114.2	-	-	112.2	212.3	160.6	-	-
Bakeries and tortilla manufacturing.....	3118	108.4	102.1	103.3	-	-	139.4	133.6	136.9	-	-
Textile mills.....	313	38.2	36.9	37.5	37.8	0.8	48.5	49.3	49.4	50.0	1.2
Textile product mills.....	314	53.3	53.5	54.0	52.5	-2.8	65.2	67.1	68.5	65.8	-3.9
Apparel.....	315	37.0	34.3	34.6	34.4	-0.6	55.2	50.6	51.4	51.0	-0.8
Paper and paper products.....	322	67.6	66.5	67.0	67.4	0.6	87.4	86.0	86.8	87.5	0.8
Pulp, paper, and paperboard mills.....	3221	64.6	60.0	60.5	-	-	81.9	76.9	77.3	-	-
Converted paper products.....	3222	69.0	69.5	69.9	-	-	91.2	92.2	93.1	-	-
Paperboard containers.....	32221	69.6	71.0	71.1	-	-	91.0	92.7	94.0	-	-
Corrugated and solid fiber boxes.....	322211	67.9	70.2	70.1	-	-	83.3	89.6	91.5	-	-
Paper bags and coated and treated paper.....	32222	72.9	67.6	69.5	-	-	94.4	89.5	92.6	-	-
Printing and related support activities.....	323	66.0	63.3	64.2	64.2	0.0	81.5	79.9	80.2	79.9	-0.4
Petroleum and coal products.....	324	108.9	104.2	104.5	108.4	3.7	178.4	177.1	182.1	186.6	2.5
Chemicals.....	325	96.9	96.2	96.3	97.1	0.8	117.7	123.5	124.5	126.5	1.6
Basic chemicals.....	3251	91.5	86.4	86.8	-	-	111.9	109.7	114.4	-	-
Resin, rubber, and artificial fibers.....	3252	85.3	83.3	82.3	-	-	110.2	116.4	115.8	-	-

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: Sept. 2016 - Oct. 2016 ^P	Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Oct. 2015		Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	
Pharmaceuticals and medicines.....	3254	125.6	128.3	127.9	-	-	160.8	162.1	161.1	-	-	
Soaps, cleaning compounds, and toiletries.....	3256	91.5	87.8	87.5	-	-	108.0	105.0	104.7	-	-	
Plastics and rubber products.....	326	84.0	83.6	83.9	83.7	-0.2	104.3	105.5	107.0	107.0	0.0	
Plastics products.....	3261	86.3	85.5	85.9	-	-	113.0	113.5	115.9	-	-	
Plastics packaging materials, film, and sheet...	32611	104.4	104.9	102.9	-	-	123.5	127.9	127.9	-	-	
Foam products.....	32614,5	105.6	108.9	112.4	-	-	130.0	140.5	149.4	-	-	
Other plastics products.....	32619	79.0	77.6	78.1	-	-	108.1	107.0	108.8	-	-	
Rubber products.....	3262	75.9	76.4	76.8	-	-	80.1	82.9	82.0	-	-	
Miscellaneous nondurable goods manufacturing...	312,6	98.1	97.6	100.2	99.3	-0.9	115.4	121.7	124.7	124.5	-0.2	
Private service-providing.....		117.8	120.4	119.5	121.5	1.7	169.5	174.9	175.4	179.9	2.6	
Trade, transportation, and utilities.....		106.4	108.0	106.9	108.3	1.3	142.8	145.5	145.7	148.1	1.6	
Wholesale trade.....	42	107.0	108.1	108.1	110.6	2.3	149.5	153.3	154.2	159.0	3.1	
Durable goods.....	423	99.6	101.1	100.7	-	-	132.7	138.2	138.9	-	-	
Motor vehicles and parts.....	4231	99.4	101.1	100.4	-	-	133.2	129.7	129.4	-	-	
Motor vehicles.....	42311	97.3	98.6	97.6	-	-	128.3	127.7	125.0	-	-	
New motor vehicle parts.....	42312	95.2	97.4	96.0	-	-	129.6	126.5	126.8	-	-	
Furniture and furnishings.....	4232	88.8	90.8	88.6	-	-	106.3	114.7	114.8	-	-	
Lumber and construction supplies.....	4233	94.6	103.3	101.9	-	-	131.4	144.9	145.6	-	-	
Lumber and wood.....	42331	83.6	91.4	90.4	-	-	115.8	132.8	133.3	-	-	
Masonry materials.....	42332	105.8	104.5	104.0	-	-	136.1	138.6	138.7	-	-	
Roofing, siding, and other construction materials.....	42333,9	111.6	132.3	129.2	-	-	166.7	182.5	185.2	-	-	
Commercial equipment.....	4234	92.3	94.1	93.3	-	-	117.9	128.0	128.1	-	-	
Office equipment.....	42342	71.4	69.9	69.8	-	-	96.6	98.9	99.8	-	-	
Computer and software.....	42343	78.5	82.9	80.7	-	-	96.7	110.5	107.8	-	-	
Medical equipment.....	42345	127.9	124.6	124.6	-	-	173.7	178.4	182.7	-	-	
Miscellaneous professional and commercial equipment.....	42341,4,6,9	103.6	109.8	110.5	-	-	146.0	159.0	163.5	-	-	
Metals and minerals.....	4235	100.9	99.1	99.6	-	-	140.1	137.5	139.7	-	-	
Electric goods.....	4236	92.9	95.4	95.3	-	-	125.3	131.2	132.1	-	-	
Electrical equipment and wiring.....	42361	105.7	107.2	105.6	-	-	143.1	150.8	149.1	-	-	
Electric appliances and other electronic parts.....	42362,9	82.0	85.4	86.3	-	-	110.9	115.7	118.3	-	-	
Hardware and plumbing.....	4237	106.4	108.8	109.9	-	-	149.7	159.3	161.2	-	-	
Hardware.....	42371	108.1	110.0	108.9	-	-	162.7	166.4	166.0	-	-	
Plumbing equipment.....	42372	107.7	114.8	119.2	-	-	159.8	176.2	183.9	-	-	
HVAC and refrigeration equipment.....	42373,4	103.1	100.3	99.7	-	-	128.9	136.7	134.4	-	-	
Machinery and supplies.....	4238	105.2	106.0	105.9	-	-	142.9	148.2	148.9	-	-	
Construction equipment.....	42381	107.8	107.5	111.3	-	-	136.3	139.1	148.3	-	-	
Farm and garden equipment.....	42382	105.7	109.2	107.6	-	-	157.7	173.5	172.5	-	-	
Industrial machinery.....	42383	103.9	103.0	102.8	-	-	143.5	146.3	146.1	-	-	
Industrial supplies.....	42384	123.7	128.6	127.3	-	-	166.8	179.7	178.9	-	-	
Miscellaneous durable goods.....	4239	115.0	110.9	111.6	-	-	163.8	156.9	159.7	-	-	
Sporting goods.....	42391	102.7	99.1	101.6	-	-	138.1	137.6	141.3	-	-	
Recyclable materials.....	42393	117.7	112.7	112.7	-	-	146.6	149.5	150.3	-	-	
Nondurable goods.....	424	106.1	106.5	107.1	-	-	145.9	146.5	147.2	-	-	
Paper and paper products.....	4241	82.7	83.5	82.2	-	-	121.5	117.2	116.1	-	-	
Druggists' goods.....	4242	88.2	86.9	85.8	-	-	129.9	126.3	121.7	-	-	
Apparel and piece goods.....	4243	107.9	109.4	113.6	-	-	148.0	146.2	152.5	-	-	
Grocery and related products.....	4244	113.6	114.9	116.0	-	-	151.9	156.6	157.3	-	-	
General line grocery.....	42441	108.9	113.1	112.5	-	-	145.9	153.3	152.4	-	-	
Fruits and vegetables.....	42448	144.5	143.1	148.4	-	-	187.8	195.5	200.0	-	-	
Farm product raw materials.....	4245	125.8	101.9	108.2	-	-	186.1	155.4	167.7	-	-	
Chemicals.....	4246	103.8	104.1	104.2	-	-	132.9	136.9	136.9	-	-	

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P
Petroleum.....	4247	100.9	102.3	102.4	-	-	157.8	158.7	160.0	-	-
Alcoholic beverages.....	4248	142.9	151.4	149.0	-	-	189.9	192.5	194.8	-	-
Misc. nondurable goods.....	4249	95.1	95.4	95.3	-	-	131.3	131.4	131.8	-	-
Farm supplies.....	42491	111.3	105.5	106.5	-	-	150.4	143.6	143.3	-	-
Nursery stock and florists' supplies.....	42493	66.7	75.7	77.8	-	-	100.2	106.7	111.0	-	-
Electronic markets and agents and brokers.....	425	149.0	150.1	149.9	-	-	234.8	239.0	240.3	-	-
Business to business electronic markets.....	42511	44.5	46.1	46.8	-	-	64.3	66.1	65.9	-	-
Wholesale trade agents and brokers.....	42512	164.4	165.2	165.1	-	-	253.7	257.8	259.5	-	-
Retail trade.....		101.1	103.2	100.8	102.2	1.4	130.3	132.0	130.9	132.6	1.3
Motor vehicle and parts dealers.....	441	111.7	113.9	112.5	-	-	133.1	138.4	137.7	-	-
Automobile dealers.....	4411	110.7	112.6	111.9	-	-	126.0	131.6	131.4	-	-
New car dealers.....	44111	106.0	107.3	107.4	-	-	119.8	125.1	125.9	-	-
Used car dealers.....	44112	171.7	180.9	170.7	-	-	234.7	246.4	227.5	-	-
Other motor vehicle dealers.....	4412	107.3	117.9	111.7	-	-	142.5	161.7	152.9	-	-
Auto parts, accessories, and tire stores.....	4413	115.0	115.7	113.8	-	-	155.9	156.4	156.0	-	-
Automotive parts and accessories stores.....	44131	113.7	113.8	111.5	-	-	162.4	160.8	160.7	-	-
Tire dealers.....	44132	117.5	119.7	118.3	-	-	144.0	148.4	147.3	-	-
Furniture and home furnishings stores.....	442	89.0	92.9	90.8	-	-	117.0	124.7	124.9	-	-
Furniture stores.....	4421	88.2	90.7	89.9	-	-	114.3	119.0	118.9	-	-
Home furnishings stores.....	4422	89.9	95.3	91.8	-	-	120.6	132.5	133.1	-	-
Floor covering stores.....	44221	69.4	73.6	72.5	-	-	96.4	106.8	108.9	-	-
Other home furnishings stores.....	44229	106.8	113.0	107.7	-	-	148.1	161.3	160.5	-	-
Electronics and appliance stores.....	443	108.9	103.5	103.2	-	-	159.9	147.6	149.8	-	-
Household appliance stores.....	443141	67.9	63.9	64.5	-	-	85.7	82.2	85.6	-	-
Electronics stores.....	443142	116.6	111.0	110.4	-	-	171.1	157.5	159.4	-	-
Building material and garden supply stores.....	444	93.9	98.9	96.2	-	-	118.5	125.3	123.9	-	-
Building material and supplies dealers.....	4441	92.8	96.6	94.0	-	-	116.2	121.4	120.2	-	-
Home centers.....	44411	99.9	103.4	100.0	-	-	119.2	126.2	123.8	-	-
Hardware stores.....	44413	82.5	90.8	88.1	-	-	106.4	121.7	119.7	-	-
Lawn and garden equipment and supplies stores...	4442	102.3	115.3	112.6	-	-	136.8	155.2	154.2	-	-
Food and beverage stores.....	445	92.0	94.3	92.9	-	-	112.1	112.3	111.1	-	-
Grocery stores.....	4451	93.2	95.4	94.0	-	-	115.1	114.7	113.3	-	-
Supermarkets and other grocery stores.....	44511	92.0	94.3	92.7	-	-	113.7	113.2	111.6	-	-
Convenience stores.....	44512	113.8	117.7	116.0	-	-	144.4	152.9	150.1	-	-
Specialty food stores.....	4452	79.1	79.9	78.1	-	-	88.8	89.8	89.6	-	-
Meat markets and fish and seafood markets.....	44521,2	93.6	94.3	92.7	-	-	113.8	116.4	115.3	-	-
Beer, wine, and liquor stores.....	4453	96.5	101.7	97.9	-	-	104.8	111.4	108.0	-	-
Health and personal care stores.....	446	99.4	103.1	101.7	-	-	136.2	142.6	143.0	-	-
Pharmacies and drug stores.....	44611	94.6	97.0	94.8	-	-	134.1	140.9	140.9	-	-
Cosmetic and beauty supply stores.....	44612	120.6	121.1	128.8	-	-	134.8	140.3	149.9	-	-
Optical goods stores.....	44613	123.2	136.9	134.8	-	-	183.4	189.0	187.6	-	-
Other health and personal care stores.....	44619	98.2	104.7	100.4	-	-	127.6	128.3	124.8	-	-
Gasoline stations.....	447	101.5	105.0	103.7	-	-	130.8	137.9	137.1	-	-
Gasoline stations with convenience stores.....	44711	105.8	109.6	108.0	-	-	136.8	144.8	143.8	-	-
Other gasoline stations.....	44719	79.1	79.9	80.1	-	-	104.1	105.9	106.4	-	-
Clothing and clothing accessories stores.....	448	92.9	94.6	89.4	-	-	117.4	122.3	116.9	-	-
Clothing stores.....	4481	92.9	93.2	86.8	-	-	113.2	116.1	108.6	-	-
Women's clothing stores.....	44812	123.2	115.9	110.2	-	-	163.2	149.1	139.7	-	-
Family clothing stores.....	44814	79.9	80.6	73.9	-	-	90.2	96.2	89.0	-	-
Clothing accessories stores.....	44815	139.8	119.7	124.7	-	-	178.8	168.3	176.1	-	-
Shoe stores.....	4482	112.5	122.8	117.1	-	-	176.9	197.8	190.1	-	-
Jewelry, luggage, and leather goods stores.....	4483	76.9	77.8	79.8	-	-	97.2	99.9	105.5	-	-
Sporting goods, hobby, book, and music stores.....	451	99.4	105.2	103.9	-	-	135.3	144.4	147.8	-	-

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: Sept. 2016 - Oct. 2016 ^P	Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Oct. 2015		Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	
Sporting goods and musical instrument stores.....	4511	114.2	120.6	121.3	-	-	152.8	161.8	168.0	-	-	
Sporting goods stores.....	45111	139.3	151.0	149.4	-	-	182.4	196.4	201.6	-	-	
Hobby, toy, and game stores.....	45112	96.1	94.3	97.6	-	-	114.0	124.6	131.9	-	-	
Book stores and news dealers.....	4512	54.5	57.7	51.0	-	-	74.2	83.0	77.6	-	-	
General merchandise stores.....	452	111.3	113.6	109.3	-	-	140.0	140.3	138.5	-	-	
Miscellaneous store retailers.....	453	88.3	87.0	85.3	-	-	114.1	110.9	108.1	-	-	
Florists.....	4531	45.8	41.9	44.2	-	-	56.6	51.5	55.5	-	-	
Office supplies, stationery, and gift stores.....	4532	63.6	58.4	55.4	-	-	86.0	73.8	70.8	-	-	
Office supplies and stationery stores.....	45321	60.8	58.3	53.5	-	-	87.1	71.0	66.1	-	-	
Gift, novelty, and souvenir stores.....	45322	66.2	58.4	57.2	-	-	84.3	77.9	77.7	-	-	
Used merchandise stores.....	4533	194.0	192.1	188.5	-	-	266.2	272.8	271.3	-	-	
Other miscellaneous store retailers.....	4539	105.5	110.7	109.7	-	-	135.3	142.9	137.3	-	-	
Pet and pet supplies stores.....	45391	154.5	166.4	167.8	-	-	225.4	246.9	230.4	-	-	
Nonstore retailers.....	454	121.0	117.0	117.2	-	-	192.8	177.3	176.4	-	-	
Electronic shopping and mail-order houses.....	4541	158.0	149.6	150.4	-	-	256.9	225.8	225.2	-	-	
Electronic shopping and electronic auctions.....	45411,2	407.7	392.5	395.1	-	-	762.8	631.0	633.3	-	-	
Mail-order houses.....	454113	82.7	76.4	76.4	-	-	97.9	98.5	96.5	-	-	
Transportation and warehousing.....		123.4	123.0	125.0	124.9	-0.1	162.8	163.7	167.0	166.9	-0.1	
Air transportation.....	481	68.2	73.0	72.7	-	-	139.6	151.5	153.6	-	-	
Truck transportation.....	484	121.4	120.3	120.4	-	-	159.7	160.4	162.2	-	-	
General freight trucking.....	4841	114.6	114.2	115.1	-	-	147.9	150.4	153.0	-	-	
General freight trucking, local.....	48411	112.6	110.0	111.8	-	-	149.5	146.7	149.2	-	-	
General freight trucking, long-distance.....	48412	115.3	115.6	116.1	-	-	147.6	151.4	154.0	-	-	
General freight trucking, long-distance TL.....	484121	110.1	110.6	111.0	-	-	145.3	146.5	149.1	-	-	
General freight trucking, long-distance LTL.....	484122	128.4	127.7	128.6	-	-	153.0	162.0	165.1	-	-	
Specialized freight trucking.....	4842	139.0	136.2	134.2	-	-	193.5	189.7	189.0	-	-	
Used household and office goods moving.....	48421	87.6	100.7	90.1	-	-	116.4	129.6	119.1	-	-	
Other specialized trucking, local.....	48422	154.9	144.5	146.8	-	-	218.9	208.3	212.4	-	-	
Other specialized trucking, long-distance.....	48423	155.3	152.7	149.9	-	-	206.6	202.6	200.1	-	-	
Transit and ground passenger transportation.....	485	137.6	108.7	133.6	-	-	176.3	144.6	178.3	-	-	
School and employee bus transportation.....	4854	135.6	72.0	138.5	-	-	188.3	97.8	191.8	-	-	
Other ground passenger transportation.....	4859	193.3	182.5	184.2	-	-	225.0	222.4	224.1	-	-	
Pipeline transportation.....	486	139.2	129.4	129.6	-	-	251.5	234.8	238.1	-	-	
Support activities for transportation.....	488	123.7	120.9	121.3	-	-	162.9	154.8	155.7	-	-	
Support activities for air transportation.....	4881	134.0	137.0	136.3	-	-	164.2	160.4	159.7	-	-	
Airport operations.....	48811	128.9	139.3	135.9	-	-	118.2	128.3	127.7	-	-	
Support activities for water transportation.....	4883	93.3	86.8	85.5	-	-	154.6	130.3	127.8	-	-	
Support activities for road transportation.....	4884	134.3	128.1	130.9	-	-	140.8	136.1	139.9	-	-	
Freight transportation arrangement.....	4885	128.8	127.0	128.5	-	-	176.3	178.3	181.6	-	-	
Support activities for other transportation, including rail.....	4882,9	122.0	112.7	114.1	-	-	174.6	163.7	168.6	-	-	
Couriers and messengers.....	492	142.9	145.3	146.2	-	-	167.1	174.5	177.5	-	-	
Warehousing and storage.....	493	174.5	191.8	192.5	-	-	181.5	203.4	204.1	-	-	
General warehousing and storage.....	49311	181.7	202.1	202.8	-	-	186.7	212.5	212.5	-	-	
Utilities.....	22	96.9	99.0	99.2	101.1	1.9	139.7	145.6	147.2	152.9	3.9	
Power generation and supply.....	2211	96.6	98.1	97.5	-	-	140.8	148.3	149.5	-	-	
Electric power generation.....	22111	61.9	61.7	63.0	-	-	93.5	94.6	98.7	-	-	
Fossil fuel electric power generation.....	221112	68.9	69.4	70.8	-	-	105.6	108.4	112.5	-	-	
Electric power transmission and distribution.....	22112	151.0	155.6	151.8	-	-	224.0	243.2	238.9	-	-	
Natural gas distribution.....	2212	94.5	94.4	96.4	-	-	133.0	133.4	134.3	-	-	
Water, sewage and other systems.....	2213	107.7	121.5	125.2	-	-	151.9	154.0	166.3	-	-	
Information.....	51	90.5	90.9	89.8	92.1	2.6	130.5	135.3	134.7	139.7	3.7	
Publishing industries, except Internet.....	511	99.8	99.3	98.4	-	-	158.9	159.7	158.1	-	-	

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: Sept. 2016 - Oct. 2016 ^P	Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Oct. 2015		Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	
Newspaper, book, and directory publishers.....	5111	85.1	80.1	79.8	-	-	131.4	119.7	119.1	-	-	
Newspaper publishers.....	51111	79.7	74.2	73.6	-	-	103.8	97.9	97.0	-	-	
Periodical publishers.....	51112	102.8	95.8	95.2	-	-	168.0	154.6	154.3	-	-	
Software publishers.....	5112	124.0	130.8	128.7	-	-	181.8	193.0	190.1	-	-	
Motion picture and sound recording industries.....	512	81.9	87.6	80.8	-	-	90.6	93.7	93.0	-	-	
Broadcasting, except Internet.....	515	85.6	86.0	85.6	-	-	133.3	131.5	132.5	-	-	
Radio broadcasting.....	51511	87.1	89.1	88.4	-	-	151.1	147.0	146.3	-	-	
Telecommunications.....	517	74.2	72.9	72.6	-	-	97.5	105.3	104.3	-	-	
Wired telecommunications carriers.....	5171	84.0	83.2	83.0	-	-	107.7	116.0	114.0	-	-	
Telecommunications resellers.....	517911	34.4	32.0	31.2	-	-	39.9	37.2	38.4	-	-	
Data processing, hosting and related services.....	518	109.6	110.0	110.0	-	-	174.5	180.9	183.3	-	-	
Other information services.....	519	210.4	224.2	225.1	-	-	308.7	329.2	329.9	-	-	
Financial activities.....		109.8	112.3	111.4	114.6	2.9	171.9	180.3	179.7	185.8	3.4	
Credit intermediation and related activities.....	522	100.7	104.0	103.7	-	-	153.2	162.2	163.1	-	-	
Depository credit intermediation.....	5221	98.0	101.6	100.8	-	-	152.4	161.5	162.0	-	-	
Commercial banking.....	52211	100.4	103.7	102.9	-	-	160.1	168.7	169.1	-	-	
Savings institutions.....	52212	62.3	63.5	62.8	-	-	90.0	95.0	96.1	-	-	
Credit unions and other depository credit intermediation.....	52213,9	122.8	130.2	128.5	-	-	181.6	196.5	196.6	-	-	
Nondepository credit intermediation.....	5222	95.0	95.2	96.4	-	-	139.2	144.2	145.6	-	-	
Consumer lending.....	522291	115.4	114.1	111.0	-	-	147.2	138.7	135.8	-	-	
Real estate credit.....	522292	87.9	88.3	89.7	-	-	122.9	129.4	129.0	-	-	
Activities related to credit intermediation.....	5223	134.8	147.1	145.2	-	-	201.0	225.3	224.4	-	-	
Financial transaction processing and clearing.....	52232	209.8	219.4	218.1	-	-	427.5	422.5	424.4	-	-	
Securities, commodity contracts, investments, and funds and trusts.....	523,5	128.8	130.4	129.2	-	-	229.6	238.1	235.4	-	-	
Securities brokerage.....	52312	105.6	105.3	103.0	-	-	172.5	178.0	177.2	-	-	
Securities and commodity contracts brokerage and exchanges.....	5231,2	103.6	104.1	102.5	-	-	192.5	200.6	196.8	-	-	
Other financial investment activities, including funds and trusts.....	5239; 525	171.1	174.1	174.0	-	-	290.0	298.3	298.2	-	-	
Portfolio management.....	52392	157.9	157.7	157.1	-	-	270.9	281.7	283.0	-	-	
Investment advice.....	52393	221.0	227.1	225.6	-	-	369.8	372.4	364.8	-	-	
Insurance carriers and related activities.....	524	115.2	117.0	116.4	-	-	168.7	177.2	176.6	-	-	
Insurance carriers.....	5241	105.3	107.3	106.0	-	-	157.5	166.1	164.6	-	-	
Direct life and health insurance carriers.....	52411	116.5	116.0	114.7	-	-	178.6	186.7	185.4	-	-	
Direct insurers, except life and health.....	52412	94.3	98.5	97.2	-	-	135.3	144.4	142.6	-	-	
Reinsurance carriers.....	52413	88.5	89.9	88.3	-	-	214.1	211.7	210.8	-	-	
Insurance agencies, brokerages, and related services.....	5242	135.2	136.5	137.3	-	-	194.0	202.0	203.6	-	-	
Insurance agencies and brokerages.....	52421	133.4	134.3	135.3	-	-	192.0	197.0	198.3	-	-	
Other insurance-related activities.....	52429	139.7	142.0	141.9	-	-	198.7	213.4	215.2	-	-	
Third-party administration of insurance funds.....	524292	134.7	133.3	132.4	-	-	186.2	200.3	200.3	-	-	
Real estate.....	531	114.5	118.7	116.4	-	-	179.7	190.5	188.4	-	-	
Lessors of real estate.....	5311	93.3	93.1	91.6	-	-	144.7	145.9	145.3	-	-	
Lessors of residential buildings.....	53111	89.1	91.2	88.3	-	-	135.4	138.8	135.6	-	-	
Lessors of nonresidential buildings.....	53112	92.3	87.4	89.1	-	-	158.3	156.0	162.8	-	-	
Offices of real estate agents and brokers.....	5312	101.9	104.6	104.0	-	-	166.2	178.6	182.2	-	-	
Activities related to real estate.....	5313	152.9	164.0	159.9	-	-	230.0	251.6	244.9	-	-	
Real estate property managers.....	53131	152.5	164.1	159.6	-	-	228.4	251.2	244.2	-	-	
Residential property managers.....	531311	159.1	173.2	166.8	-	-	236.4	262.2	252.0	-	-	
Nonresidential property managers.....	531312	136.8	143.5	142.9	-	-	212.9	231.5	229.5	-	-	
Rental and leasing services.....	532	93.5	95.7	92.7	-	-	139.4	144.9	142.5	-	-	
Home health equipment rental.....	532291	126.3	123.1	119.9	-	-	144.5	129.3	121.9	-	-	

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P
General rental centers.....	5323	72.8	75.7	75.8	-	-	75.7	74.8	75.5	-	-
Machinery and equipment rental and leasing.....	5324	133.8	130.0	129.9	-	-	209.2	214.2	216.4	-	-
Heavy machinery rental and leasing.....	53241	127.8	113.7	114.7	-	-	206.2	200.2	203.8	-	-
Office equipment and other machinery rental and leasing.....	53242,9	142.4	153.2	151.2	-	-	212.9	233.3	233.1	-	-
Professional and business services.....		131.1	132.7	132.1	136.2	3.1	193.3	199.2	199.8	208.7	4.5
Professional and technical services.....	54	137.2	141.8	140.7	-	-	207.1	216.5	216.4	-	-
Legal services.....	5411	100.5	100.5	100.0	-	-	147.8	150.2	152.2	-	-
Offices of lawyers.....	54111	98.9	99.1	98.8	-	-	146.7	149.0	151.0	-	-
Other legal services.....	54119	120.8	121.9	116.8	-	-	167.3	181.2	177.4	-	-
Title abstract and settlement offices.....	541191	99.8	107.6	101.4	-	-	121.4	137.0	131.6	-	-
Accounting and bookkeeping services.....	5412	110.1	112.9	112.9	-	-	171.0	172.5	172.0	-	-
Offices of certified public accountants.....	541211	117.8	119.7	119.2	-	-	174.7	173.9	171.5	-	-
Payroll services.....	541214	136.8	154.4	155.8	-	-	229.6	241.4	241.2	-	-
Architectural and engineering services.....	5413	115.7	118.7	117.7	-	-	173.4	178.0	178.2	-	-
Architectural services.....	54131	101.3	104.8	103.2	-	-	146.6	152.9	152.6	-	-
Landscape architectural services.....	54132	90.7	100.2	96.4	-	-	150.6	166.2	162.3	-	-
Engineering and drafting services.....	54133,4	122.2	125.4	124.0	-	-	182.8	186.6	186.3	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	99.7	97.6	97.8	-	-	142.7	154.4	156.4	-	-
Testing laboratories.....	54138	112.0	116.3	117.3	-	-	163.1	167.6	171.7	-	-
Specialized design services.....	5414	120.5	128.1	124.8	-	-	197.8	201.0	201.3	-	-
Graphic design services.....	54143	98.0	103.3	103.5	-	-	173.8	186.2	182.7	-	-
Computer systems design and related services.....	5415	174.1	181.5	178.2	-	-	244.2	258.0	254.0	-	-
Custom computer programming services.....	541511	164.8	174.7	169.9	-	-	232.6	244.9	239.5	-	-
Computer systems design services.....	541512	210.3	218.9	217.3	-	-	281.9	296.8	294.9	-	-
Management and technical consulting services.....	5416	216.0	225.2	225.2	-	-	304.8	324.3	326.1	-	-
Management consulting services.....	54161	204.4	215.7	215.5	-	-	282.6	306.9	307.2	-	-
Administrative management consulting services..	541611	212.6	224.9	224.9	-	-	329.8	354.9	353.3	-	-
Marketing consulting services.....	541613	340.9	363.2	358.5	-	-	441.5	470.2	468.5	-	-
Process and logistics consulting services.....	541614	221.2	226.7	227.2	-	-	234.9	266.2	272.7	-	-
Scientific research and development services.....	5417	134.4	139.5	137.3	-	-	217.0	230.8	228.9	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.0	146.9	145.2	-	-	228.2	243.9	242.5	-	-
Biotechnology research.....	541711	145.6	150.4	150.5	-	-	220.7	243.7	247.2	-	-
Physical, engineering, and life sciences research.....	541712	139.8	145.6	143.5	-	-	230.9	243.6	241.3	-	-
Social science and humanities research.....	54172	83.9	84.1	78.9	-	-	120.0	120.5	115.4	-	-
Advertising and related services.....	5418	123.9	130.4	128.5	-	-	202.5	216.3	217.9	-	-
Advertising agencies.....	54181	143.3	147.1	145.4	-	-	222.6	229.1	231.7	-	-
Public relations agencies.....	54182	125.4	127.4	123.9	-	-	191.9	196.5	194.9	-	-
Advertising material distribution and other advertising services.....	54187,9	141.7	157.3	151.3	-	-	201.2	236.7	238.4	-	-
Other professional and technical services.....	5419	150.3	159.1	157.9	-	-	231.1	253.5	256.4	-	-
Marketing research and public opinion polling.....	54191	93.8	91.0	93.3	-	-	150.3	143.6	146.2	-	-
Photographic services.....	54192	71.4	57.9	62.1	-	-	102.7	81.3	88.6	-	-
Veterinary services.....	54194	159.1	167.0	162.9	-	-	229.0	249.7	247.9	-	-
Miscellaneous professional and technical services..	54193,9	322.6	385.7	384.8	-	-	521.6	647.7	665.1	-	-
Management of companies and enterprises.....	55	130.2	130.5	129.9	-	-	218.4	215.5	217.1	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	111.6	102.1	103.5	-	-	165.2	163.9	168.4	-	-
Managing offices.....	551114	131.0	131.9	131.1	-	-	221.6	218.7	220.1	-	-
Administrative and waste services.....	56	126.3	125.8	125.7	-	-	167.4	170.9	172.3	-	-
Administrative and support services.....	561	126.0	125.8	125.8	-	-	167.5	171.3	172.8	-	-
Office administrative services.....	5611	181.9	188.3	185.8	-	-	291.5	319.1	324.1	-	-

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P
Facilities support services.....	5612	153.1	146.0	149.4	-	-	167.0	170.1	174.3	-	-
Employment services.....	5613	121.4	117.5	118.4	-	-	155.7	151.3	153.6	-	-
Employment placement agencies and executive search services.....	56131	110.5	106.3	109.2	-	-	184.8	170.0	177.9	-	-
Temporary help services.....	56132	146.4	142.0	142.9	-	-	183.4	180.0	182.8	-	-
Professional employer organizations.....	56133	50.9	49.2	48.7	-	-	66.0	64.4	61.9	-	-
Business support services.....	5614	131.7	130.8	130.9	-	-	175.9	184.6	187.1	-	-
Telephone call centers.....	56142	166.8	163.8	164.4	-	-	233.1	240.4	245.6	-	-
Business service centers.....	56143	93.7	97.4	95.0	-	-	121.5	133.3	131.5	-	-
Collection agencies.....	56144	92.2	92.5	91.4	-	-	129.9	130.3	130.7	-	-
Travel arrangement and reservation services.....	5615	87.0	86.0	84.7	-	-	132.9	138.9	137.3	-	-
Travel agencies.....	56151	72.2	74.1	72.1	-	-	98.0	102.3	100.8	-	-
Investigation and security services.....	5616	123.8	123.2	124.1	-	-	170.2	176.8	179.7	-	-
Security and armored car services.....	56161	121.6	120.8	121.9	-	-	165.4	170.1	174.6	-	-
Security systems services.....	56162	137.1	139.2	137.0	-	-	189.8	205.9	200.2	-	-
Services to buildings and dwellings.....	5617	134.5	140.4	137.7	-	-	180.8	193.5	191.2	-	-
Exterminating and pest control services.....	56171	142.6	165.4	154.7	-	-	210.5	249.5	236.9	-	-
Janitorial services.....	56172	126.8	129.7	128.5	-	-	165.6	175.7	175.3	-	-
Landscaping services.....	56173	146.7	155.0	152.8	-	-	199.4	212.5	211.3	-	-
Carpet and upholstery cleaning services.....	56174	97.9	95.2	90.8	-	-	133.4	129.4	120.8	-	-
Other services to buildings and dwellings.....	56179	122.3	129.3	118.9	-	-	142.9	155.4	146.9	-	-
Other support services.....	5619	103.3	109.3	113.0	-	-	134.2	144.0	147.0	-	-
Packaging and labeling services.....	56191	118.1	132.3	131.4	-	-	173.4	199.9	193.4	-	-
Convention and trade show organizers.....	56192	89.4	89.6	99.7	-	-	104.6	105.7	118.4	-	-
All other support services.....	56199	102.7	107.9	110.8	-	-	140.3	150.9	150.4	-	-
Waste management and remediation services.....	562	127.1	128.9	128.2	-	-	161.7	166.8	168.1	-	-
Waste collection.....	5621	147.6	157.5	155.5	-	-	193.9	213.4	210.8	-	-
Waste treatment and disposal.....	5622	90.3	90.1	92.2	-	-	135.4	135.6	141.3	-	-
Remediation and other waste services.....	5629	147.3	142.3	139.2	-	-	161.3	159.1	158.7	-	-
Education and health services.....		134.5	135.1	136.9	139.8	2.1	198.1	200.7	204.1	209.1	2.4
Health care and social assistance.....	62	135.7	138.8	139.3	-	-	201.7	208.1	209.9	-	-
Health care ⁵	621,2,3	131.9	135.7	136.1	-	-	201.1	208.0	209.5	-	-
Ambulatory health care services.....	621	150.5	155.7	155.8	-	-	226.9	237.5	239.0	-	-
Offices of physicians.....	6211	132.4	135.3	135.5	-	-	228.1	234.3	235.9	-	-
Offices of physicians, except mental health.....	621111	132.5	135.6	135.9	-	-	229.1	235.6	237.2	-	-
Offices of mental health physicians.....	621112	124.5	117.6	114.0	-	-	169.8	164.1	161.8	-	-
Offices of dentists.....	6212	124.0	129.5	127.7	-	-	167.8	180.2	179.9	-	-
Offices of other health practitioners.....	6213	162.0	169.9	169.1	-	-	231.9	244.0	245.3	-	-
Offices of chiropractors.....	62131	131.5	134.7	133.6	-	-	184.6	186.5	191.8	-	-
Offices of optometrists.....	62132	152.5	150.8	148.1	-	-	218.7	216.6	214.3	-	-
Offices of mental health practitioners.....	62133	109.4	117.2	115.7	-	-	132.7	144.0	146.7	-	-
Offices of specialty therapists.....	62134	184.2	193.5	194.7	-	-	263.8	276.0	281.1	-	-
Offices of all other health practitioners.....	62139	200.5	223.5	223.7	-	-	287.5	324.4	316.4	-	-
Outpatient care centers.....	6214	194.3	202.5	203.6	-	-	285.7	302.8	306.4	-	-
Outpatient mental health centers.....	62142	160.7	163.7	162.1	-	-	201.5	210.7	210.0	-	-
Outpatient care centers, except mental health.....	62141,9	211.7	222.6	225.6	-	-	323.2	343.7	350.1	-	-
Freestanding emergency medical centers....	621493	200.1	204.7	208.9	-	-	320.7	318.0	322.2	-	-
Miscellaneous outpatient care centers.....	621410,98	203.6	215.9	219.3	-	-	306.9	331.5	338.9	-	-
Medical and diagnostic laboratories.....	6215	150.9	151.8	150.8	-	-	212.4	219.7	219.0	-	-
Medical laboratories.....	621511	153.5	154.3	152.1	-	-	215.0	230.8	227.9	-	-
Diagnostic imaging centers.....	621512	143.8	145.7	147.4	-	-	206.0	192.8	196.9	-	-
Home health care services.....	6216	194.5	205.5	207.4	-	-	254.4	277.0	279.4	-	-
Other ambulatory health care services.....	6219	155.5	156.4	156.7	-	-	226.0	231.5	234.8	-	-

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				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P
Ambulance services.....	62191	157.8	164.8	164.2	-	-	222.8	233.0	232.6	-	-
All other ambulatory health care services.....	62199	151.8	144.1	145.5	-	-	229.5	230.2	237.8	-	-
Hospitals.....	622	124.2	127.6	128.1	-	-	199.5	203.6	204.6	-	-
General medical and surgical hospitals.....	6221	121.2	124.7	124.9	-	-	196.8	200.6	201.0	-	-
Nursing and residential care facilities.....	623	116.4	118.5	119.1	-	-	150.6	156.8	159.7	-	-
Nursing care facilities.....	6231	102.4	103.3	104.0	-	-	134.2	139.2	142.0	-	-
Residential mental health facilities.....	6232	125.7	128.9	129.0	-	-	164.0	171.8	173.3	-	-
Residential intellectual and developmental disability facilities.....	62321	119.3	121.4	120.8	-	-	148.5	154.7	155.4	-	-
Residential mental health and substance abuse facilities.....	62322	140.3	146.1	147.3	-	-	194.9	205.6	208.4	-	-
Community care facilities for the elderly.....	6233	159.0	163.2	163.6	-	-	206.4	216.2	219.5	-	-
Continuing care retirement communities.....	623311	190.1	196.0	195.6	-	-	251.2	263.0	267.1	-	-
Assisted living facilities for the elderly.....	623312	132.9	136.5	137.4	-	-	164.9	173.9	176.3	-	-
Other residential care facilities.....	6239	91.7	93.8	94.1	-	-	118.8	121.5	124.0	-	-
Social assistance.....	624	155.2	156.3	157.4	-	-	202.6	208.0	212.6	-	-
Individual and family services.....	6241	208.2	211.3	211.6	-	-	262.1	274.7	277.3	-	-
Child and youth services.....	62411	123.6	125.9	122.3	-	-	168.3	175.6	172.3	-	-
Services for the elderly and persons with disabilities.....	62412	266.5	270.1	270.4	-	-	340.4	359.2	363.1	-	-
Other individual and family services.....	62419	132.8	134.1	137.3	-	-	186.4	191.0	195.3	-	-
Emergency and other relief services.....	6242	121.5	126.5	125.6	-	-	169.1	180.4	181.2	-	-
Vocational rehabilitation services.....	6243	87.7	89.5	88.5	-	-	118.7	117.7	117.8	-	-
Child day care services.....	6244	123.3	120.8	123.4	-	-	162.1	158.7	167.7	-	-
Leisure and hospitality.....		122.3	132.7	125.9	125.4	-0.4	174.2	193.2	185.0	185.6	0.3
Arts, entertainment, and recreation.....	71	109.7	134.8	115.5	-	-	150.4	179.0	161.9	-	-
Performing arts and spectator sports.....	711	125.4	135.5	126.0	-	-	176.6	192.0	189.7	-	-
Performing arts companies.....	7111	110.5	99.1	102.5	-	-	195.2	174.3	194.0	-	-
Spectator sports.....	7112	104.6	127.0	115.9	-	-	127.7	167.2	158.4	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	182.8	211.7	184.9	-	-	232.1	270.0	250.5	-	-
Independent artists, writers, and performers.....	7115	132.3	123.1	117.4	-	-	209.6	189.3	188.0	-	-
Museums, historical sites, and similar institutions.....	712	122.2	141.8	127.5	-	-	166.0	187.4	172.6	-	-
Museums.....	71211	112.4	127.0	115.8	-	-	147.7	169.5	156.4	-	-
Historical sites and other similar institutions.....	71212,3,9	138.6	165.4	145.9	-	-	204.4	223.5	205.5	-	-
Amusements, gambling, and recreation.....	713	104.2	134.2	111.6	-	-	137.9	172.7	149.3	-	-
Gambling industries.....	7132	94.9	97.0	97.4	-	-	139.4	147.5	147.4	-	-
Golf courses and country clubs.....	71391	117.4	154.0	133.3	-	-	151.4	198.7	177.0	-	-
Skiing facilities.....	71392	64.9	89.2	70.5	-	-	110.5	154.9	127.6	-	-
Marinas.....	71393	106.8	130.6	110.2	-	-	152.6	177.2	159.5	-	-
Fitness and recreational sports centers.....	71394	94.7	114.9	96.2	-	-	113.2	139.8	122.4	-	-
Bowling centers.....	71395	78.4	65.9	70.9	-	-	102.6	89.9	94.5	-	-
Accommodation and food services.....	72	124.9	132.8	127.7	-	-	180.5	197.4	190.5	-	-
Accommodation.....	721	107.2	119.4	110.2	-	-	150.6	164.7	155.5	-	-
Traveler accommodation.....	7211	107.1	115.5	109.7	-	-	150.6	160.3	155.2	-	-
Hotels and motels, except casino hotels.....	72111	110.6	120.2	113.8	-	-	157.5	168.5	162.7	-	-
RV parks and recreational camps.....	7212	110.0	293.0	128.5	-	-	147.6	367.4	160.5	-	-
Food services and drinking places.....	722	129.1	135.9	132.0	-	-	189.7	207.2	201.4	-	-
Special food services.....	7223	141.4	118.6	135.7	-	-	200.1	171.6	190.8	-	-
Food service contractors.....	72231	141.7	114.5	135.8	-	-	195.3	159.3	183.9	-	-
Caterers and mobile food services.....	72232,3	139.6	132.7	135.2	-	-	216.4	217.6	215.6	-	-
Drinking places, alcoholic beverages.....	7224	92.6	97.9	94.9	-	-	146.6	172.7	169.2	-	-
Restaurants and other eating places.....	7225	129.8	138.9	133.4	-	-	190.5	211.9	203.8	-	-
Full-service restaurants.....	722511	126.4	135.0	129.0	-	-	195.7	217.2	207.1	-	-

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: Sept. 2016 - Oct. 2016 ^P	Index of aggregate weekly payrolls ³				
		Oct. 2015	Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Oct. 2015		Aug. 2016	Sept. 2016 ^P	Oct. 2016 ^P	Percent change from: Sept. 2016 - Oct. 2016 ^P	
Limited-service restaurants.....	722513	131.2	140.1	135.5	-	-	179.0	199.3	194.6	-	-	
Cafeterias, grill buffets, and buffets.....	722514	83.5	80.6	79.7	-	-	108.0	107.0	105.4	-	-	
Snack and nonalcoholic beverage bars.....	722515	183.9	208.2	199.3	-	-	256.2	297.5	286.8	-	-	
Other services.....	81	100.7	103.3	101.8	103.0	1.2	140.2	144.1	143.0	145.9	2.0	
Repair and maintenance.....	811	106.9	107.4	106.3	-	-	142.7	144.0	143.8	-	-	
Automotive repair and maintenance.....	8111	103.5	106.8	105.5	-	-	136.4	142.3	141.7	-	-	
Automotive mechanical and electrical repair.....	81111	103.1	104.8	103.5	-	-	135.3	139.1	138.4	-	-	
General automotive repair.....	811111	116.2	117.7	116.5	-	-	150.2	153.6	153.1	-	-	
Automotive body, interior, and glass repair.....	81112	100.8	105.2	103.6	-	-	135.1	142.2	141.0	-	-	
Other automotive repair and maintenance.....	81119	107.9	113.4	111.9	-	-	143.2	153.1	153.0	-	-	
Car washes.....	811192	115.3	121.9	122.0	-	-	154.3	167.2	168.0	-	-	
Auto oil change shops and all other auto repair and maintenance.....	811191,8	97.9	101.4	97.5	-	-	130.3	136.3	134.6	-	-	
Electronic equipment repair and maintenance.....	8112	101.1	91.8	90.8	-	-	131.9	120.5	119.1	-	-	
Computer and office machine repair.....	811212	90.0	79.9	77.3	-	-	112.3	102.9	101.0	-	-	
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	110.1	101.7	102.1	-	-	147.4	134.7	133.8	-	-	
Commercial machinery repair and maintenance.....	8113	138.6	134.4	136.5	-	-	191.5	187.1	191.5	-	-	
Household goods repair and maintenance.....	8114	88.0	79.5	75.2	-	-	108.0	96.6	91.9	-	-	
Personal and laundry services.....	812	103.3	106.5	104.6	-	-	139.5	147.7	144.0	-	-	
Personal care services.....	8121	117.9	124.2	120.4	-	-	170.7	186.0	176.9	-	-	
Hair, nail, and skin care services.....	81211	109.1	113.6	109.3	-	-	152.1	165.0	156.6	-	-	
Other personal care services.....	81219	185.8	206.8	204.7	-	-	327.7	363.9	345.6	-	-	
Death care services.....	8122	92.0	94.4	93.4	-	-	122.5	126.5	132.5	-	-	
Drycleaning and laundry services.....	8123	79.1	79.6	79.6	-	-	100.1	106.2	102.8	-	-	
Coin-operated laundries and drycleaners.....	81231	78.2	79.2	80.6	-	-	91.6	99.1	102.4	-	-	
Drycleaning and laundry services, except coin-operated.....	81232	64.8	63.3	63.2	-	-	83.6	85.3	84.9	-	-	
Linen and uniform supply.....	81233	98.1	101.0	100.7	-	-	118.7	128.5	120.4	-	-	
Other personal services.....	8129	124.4	126.2	124.6	-	-	151.4	151.3	152.1	-	-	
Pet care services, except veterinary.....	81291	296.1	316.2	298.3	-	-	329.1	346.6	336.8	-	-	
Parking lots and garages.....	81293	131.6	129.0	126.6	-	-	162.0	162.5	162.0	-	-	
Membership associations and organizations.....	813	97.0	100.3	98.8	-	-	139.8	143.3	143.0	-	-	
Grantmaking and giving services.....	8132	140.3	134.3	138.0	-	-	256.4	235.2	240.4	-	-	
Grantmaking foundations.....	813211	241.4	232.5	242.7	-	-	439.2	401.8	415.7	-	-	
Social advocacy organizations.....	8133	114.6	120.9	118.5	-	-	172.8	188.5	190.8	-	-	
Human rights organizations.....	813311	110.5	108.4	105.9	-	-	148.1	154.2	155.9	-	-	
Environment, conservation, and other social advocacy organizations.....	813312,9	116.1	124.7	122.3	-	-	181.7	200.2	202.7	-	-	
Civic and social organizations.....	8134	75.5	89.7	75.8	-	-	97.6	115.1	102.3	-	-	
Professional and similar organizations.....	8139	92.5	103.9	102.6	-	-	134.8	148.3	148.3	-	-	
Business associations.....	81391	92.5	99.8	102.4	-	-	134.3	146.2	149.6	-	-	
Professional organizations.....	81392	137.7	133.4	131.4	-	-	209.9	205.7	202.1	-	-	
Labor unions and similar labor organizations.....	81393	75.6	79.9	82.7	-	-	106.9	110.9	115.0	-	-	
Miscellaneous professional and similar organizations.....	81394,9	89.5	115.3	108.1	-	-	134.0	176.6	168.2	-	-	

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

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

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

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

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

