

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					Percent change from: July 2017 - Aug. 2017 ^P	Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Aug. 2016		June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	
Total private.....		114.1	116.4	117.1	116.5	-0.5	163.6	170.1	172.8	171.0	-1.0	
Goods-producing.....		91.8	93.3	92.8	94.6	1.9	128.0	132.1	132.4	135.0	2.0	
Mining and logging.....		113.2	123.5	127.7	126.1	-1.3	176.8	197.3	207.1	202.3	-2.3	
Logging.....	1133	81.5	78.5	77.9	-	-	119.2	109.6	107.5	-	-	
Mining.....	21	117.6	129.5	134.4	-	-	183.5	207.3	218.5	-	-	
Oil and gas extraction.....	211	144.6	136.3	146.2	-	-	255.7	248.0	267.1	-	-	
Mining, except oil and gas.....	212	87.0	88.8	89.2	-	-	121.8	126.5	126.9	-	-	
Coal mining.....	2121	63.7	68.3	68.9	-	-	90.2	101.8	101.3	-	-	
Stone mining and quarrying.....	21231	92.0	93.5	92.3	-	-	127.5	131.3	133.3	-	-	
Crushed and broken limestone mining.....	212312	83.4	87.2	86.7	-	-	122.3	125.4	129.4	-	-	
Other stone mining and quarrying.....	212311,3,9	103.4	101.6	99.9	-	-	134.1	138.7	138.5	-	-	
Support activities for mining.....	213	141.0	173.5	181.1	-	-	230.2	296.9	318.0	-	-	
Support activities for oil and gas operations.....	213112	154.5	187.8	197.8	-	-	278.6	351.0	380.7	-	-	
Construction.....	23	107.1	109.1	108.9	110.7	1.7	151.7	156.9	157.9	161.2	2.1	
Construction of buildings.....	236	96.4	97.1	96.4	-	-	140.1	141.1	141.9	-	-	
Residential building.....	2361	92.7	91.5	90.7	-	-	129.7	128.6	128.0	-	-	
New single-family general contractors.....	236115	70.9	70.0	69.6	-	-	100.7	99.4	99.6	-	-	
Residential remodelers.....	236118	134.1	131.1	129.4	-	-	181.4	174.5	172.1	-	-	
Nonresidential building.....	2362	99.9	102.4	101.6	-	-	148.4	151.2	152.9	-	-	
Industrial building.....	23621	86.0	96.2	94.5	-	-	129.2	145.3	144.8	-	-	
Commercial building.....	23622	105.2	104.7	104.5	-	-	155.3	153.3	156.0	-	-	
Heavy and civil engineering construction.....	237	109.8	116.8	118.3	-	-	169.0	187.1	191.1	-	-	
Utility system construction.....	2371	128.3	137.1	138.4	-	-	206.8	227.1	231.5	-	-	
Water and sewer system construction.....	23711	106.3	111.4	111.6	-	-	151.6	161.9	163.5	-	-	
Oil and gas pipeline construction.....	23712	164.1	194.4	200.5	-	-	303.1	384.7	399.4	-	-	
Power and communication system construction..	23713	133.9	131.9	131.2	-	-	219.9	212.7	213.5	-	-	
Land subdivision.....	2372	20.9	27.3	30.1	-	-	40.7	48.0	52.2	-	-	
Highway, street, and bridge construction.....	2373	111.2	117.2	119.4	-	-	160.4	172.0	175.5	-	-	
Other heavy construction.....	2379	92.0	95.8	95.0	-	-	137.2	174.1	176.9	-	-	
Specialty trade contractors.....	238	109.8	111.1	110.6	-	-	151.0	154.6	154.8	-	-	
Building foundation and exterior contractors.....	2381	103.4	104.9	102.9	-	-	140.1	143.8	141.9	-	-	
Poured concrete structure contractors.....	23811	125.7	136.9	133.3	-	-	186.1	207.5	199.6	-	-	
Steel and precast concrete contractors.....	23812	97.2	94.5	93.9	-	-	129.4	128.4	127.4	-	-	
Framing contractors.....	23813	67.4	72.0	69.7	-	-	80.7	87.2	84.3	-	-	
Masonry contractors.....	23814	76.2	70.6	70.6	-	-	99.5	94.5	96.4	-	-	
Glass and glazing contractors.....	23815	128.0	130.2	127.1	-	-	175.3	170.6	168.3	-	-	
Roofing contractors.....	23816	121.4	124.7	122.2	-	-	168.1	174.8	176.6	-	-	
Siding contractors.....	23817	133.8	128.7	126.9	-	-	237.4	199.2	201.6	-	-	
Other building exterior contractors.....	23819	141.8	131.8	121.4	-	-	175.5	176.4	158.9	-	-	
Building equipment contractors.....	2382	115.9	115.5	116.4	-	-	158.3	158.8	160.9	-	-	
Electrical contractors.....	23821	103.4	100.1	101.1	-	-	144.9	140.5	142.6	-	-	
Plumbing and HVAC contractors.....	23822	126.8	130.1	131.1	-	-	169.9	176.4	179.4	-	-	
Other building equipment contractors.....	23829	136.8	136.3	135.6	-	-	182.6	185.4	182.5	-	-	
Building finishing contractors.....	2383	93.7	93.8	93.3	-	-	129.0	132.8	132.8	-	-	
Drywall and insulation contractors.....	23831	76.9	78.2	77.4	-	-	108.4	114.6	115.4	-	-	
Painting and wall covering contractors.....	23832	102.6	104.8	102.7	-	-	131.7	137.5	134.9	-	-	
Flooring contractors.....	23833	97.5	94.2	97.8	-	-	132.1	130.2	142.6	-	-	
Tile and terrazzo contractors.....	23834	117.5	111.2	113.4	-	-	177.3	194.5	194.6	-	-	
Finish carpentry contractors.....	23835	101.9	101.5	100.2	-	-	144.6	143.2	137.4	-	-	
Other building finishing contractors.....	23839	111.2	108.3	108.7	-	-	170.6	160.4	158.8	-	-	
Other specialty trade contractors.....	2389	125.0	132.8	130.1	-	-	175.1	189.8	185.6	-	-	
Site preparation contractors.....	23891	122.8	130.6	128.7	-	-	172.5	185.7	183.2	-	-	

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: July 2017 - Aug. 2017 ^P	Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Aug. 2016		June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	
All other specialty trade contractors.....	23899	127.3	135.1	131.9	-	-	177.8	194.5	188.6	-	-	
Manufacturing.....		83.9	84.7	84.1	85.8	2.0	112.4	115.0	114.9	117.0	1.8	
Durable goods.....		84.6	85.5	84.3	86.4	2.5	113.9	115.9	115.1	118.0	2.5	
Wood products.....	321	72.9	73.7	73.1	74.2	1.5	100.0	104.1	103.8	105.5	1.6	
Sawmills and wood preservation.....	3211	74.4	76.5	75.3	-	-	101.3	102.8	102.0	-	-	
Plywood and engineered wood products.....	3212	71.8	67.7	67.8	-	-	100.6	98.0	100.1	-	-	
Other wood products.....	3219	72.8	75.1	74.1	-	-	99.4	107.6	106.3	-	-	
Millwork.....	32191	67.2	64.8	65.2	-	-	90.2	92.0	93.0	-	-	
Wood windows and doors.....	321911	63.3	65.5	67.2	-	-	92.1	99.4	103.4	-	-	
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	70.7	64.2	63.2	-	-	88.3	85.0	83.0	-	-	
Wood containers and pallets.....	32192	97.2	108.6	106.8	-	-	146.4	171.3	166.2	-	-	
All other wood products.....	32199	65.3	68.9	66.5	-	-	87.7	97.7	94.5	-	-	
Nonmetallic mineral products.....	327	80.0	82.6	82.8	81.7	-1.3	106.5	108.2	109.7	107.6	-1.9	
Cement and concrete products.....	3273	93.1	94.7	95.1	-	-	125.6	123.0	126.2	-	-	
Ready-mix concrete.....	32732	90.8	91.4	92.9	-	-	120.5	120.8	126.2	-	-	
Other cement and concrete products.....	32731,3,9	95.8	98.8	97.8	-	-	132.7	126.3	126.3	-	-	
Primary metals.....	331	76.3	77.2	77.5	78.2	0.9	100.2	100.6	102.3	101.8	-0.5	
Foundries.....	3315	63.4	64.7	61.7	-	-	81.0	80.9	78.5	-	-	
Fabricated metal products.....	332	93.3	95.8	95.2	97.3	2.2	125.2	130.6	130.2	133.6	2.6	
Forging and stamping.....	3321	89.3	92.2	90.3	-	-	117.7	123.9	121.7	-	-	
Architectural and structural metals.....	3323	96.4	93.7	92.7	-	-	127.8	126.0	125.9	-	-	
Plate work and fabricated structural products...	33231	94.5	89.8	88.9	-	-	130.4	123.9	123.8	-	-	
Fabricated structural metal products.....	332312	99.5	92.7	91.5	-	-	137.7	127.5	127.3	-	-	
Ornamental and architectural metal products...	33232	98.1	97.0	95.4	-	-	125.8	127.9	127.3	-	-	
Sheet metal work.....	332322	112.8	112.4	111.7	-	-	141.8	143.5	146.0	-	-	
Boilers, tanks, and shipping containers.....	3324	97.5	99.1	95.7	-	-	130.1	131.1	126.2	-	-	
Machine shops and threaded products.....	3327	113.8	119.3	119.8	-	-	147.6	160.1	161.7	-	-	
Machine shops.....	33271	122.2	131.1	132.1	-	-	160.5	176.0	177.8	-	-	
Turned products and screws, nuts, and bolts...	33272	92.3	90.1	88.5	-	-	113.3	119.1	119.0	-	-	
Coating, engraving, and heat treating metals.....	3328	92.9	94.8	91.9	-	-	124.1	129.0	125.0	-	-	
Metal heat treating and coating and nonprecious engraving.....	332811,2	115.0	115.2	112.7	-	-	152.0	150.5	147.0	-	-	
Electroplating, anodizing, and coloring metals...	332813	74.8	77.9	74.8	-	-	100.3	110.5	106.4	-	-	
Other fabricated metal products.....	3329	92.2	100.6	101.6	-	-	129.5	142.6	142.3	-	-	
Metal valves.....	33291	81.3	88.0	89.3	-	-	118.2	131.1	130.6	-	-	
All other fabricated metal products.....	33299	98.0	107.3	108.2	-	-	135.2	148.7	148.6	-	-	
Machinery.....	333	90.9	94.9	93.6	94.4	0.9	125.5	132.5	132.2	133.2	0.8	
Agricultural, construction, and mining machinery.....	3331	100.4	123.5	120.5	-	-	146.8	182.5	182.1	-	-	
Farm machinery and equipment.....	333111	88.7	92.6	92.1	-	-	129.3	133.0	133.8	-	-	
Industrial machinery.....	3332	92.5	92.6	92.8	-	-	130.5	129.2	131.0	-	-	
Commercial and service industry machinery.....	3333	73.0	76.2	73.5	-	-	114.2	113.6	112.5	-	-	
HVAC and commercial refrigeration equipment...	3334	88.3	86.3	85.0	-	-	120.8	117.9	118.3	-	-	
Metalworking machinery.....	3335	85.6	85.9	85.5	-	-	111.5	113.1	112.3	-	-	
Special tools, dies, jigs, and fixtures.....	333514	77.2	74.1	73.5	-	-	102.3	99.5	98.7	-	-	
Turbine and power transmission equipment.....	3336	80.0	83.0	77.8	-	-	101.6	112.0	106.0	-	-	
Other general purpose machinery.....	3339	102.2	99.9	102.1	-	-	141.9	144.0	147.7	-	-	
Computer and electronic products.....	334	83.0	83.7	82.8	84.7	2.3	125.3	126.3	126.6	127.7	0.9	
Communications equipment.....	3342	57.5	60.0	61.9	-	-	73.7	74.9	78.6	-	-	
Semiconductors and electronic components.....	3344	72.5	71.0	69.5	-	-	101.3	101.5	100.3	-	-	
Semiconductors and related devices.....	334413	74.5	73.9	74.7	-	-	122.5	121.8	124.6	-	-	
Electronic connectors and misc. electronic components.....	334416,7,9	67.6	64.3	62.6	-	-	94.4	89.0	87.5	-	-	

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Electronic instruments.....	3345	125.3	126.7	125.7	-	-	214.0	214.2	215.7	-	-
Electrical equipment and appliances.....	335	78.5	78.7	78.0	77.8	-0.3	108.3	109.7	110.3	109.1	-1.1
Electrical equipment.....	3353	85.8	79.4	79.0	-	-	119.7	111.3	113.8	-	-
Other electrical equipment and components.....	3359	87.6	89.5	89.8	-	-	120.9	127.4	128.1	-	-
Transportation equipment.....	336	91.0	90.2	86.3	92.5	7.2	110.7	109.6	105.7	113.6	7.5
Motor vehicles and parts ⁴	3361,2,3	83.5	83.1	78.0	85.2	9.2	86.2	84.3	79.3	87.5	10.3
Motor vehicles.....	3361	79.1	77.0	72.2	-	-	86.5	80.9	76.2	-	-
Motor vehicle bodies and trailers.....	3362	108.1	112.1	109.6	-	-	120.0	128.8	127.2	-	-
Motor vehicle parts.....	3363	80.6	79.8	74.0	-	-	81.1	79.2	73.7	-	-
Motor vehicle gasoline engine and parts.....	33631	74.6	71.5	70.3	-	-	80.7	78.8	76.6	-	-
Motor vehicle power train components.....	33635	86.3	74.1	73.0	-	-	83.8	70.5	68.2	-	-
Motor vehicle metal stamping.....	33637	85.8	85.5	84.2	-	-	85.1	81.9	80.3	-	-
All other motor vehicle parts.....	33639	90.0	96.9	90.5	-	-	97.5	108.2	100.5	-	-
Aerospace products and parts.....	3364	128.5	122.7	121.9	-	-	211.3	206.2	204.6	-	-
Aircraft.....	336411	121.9	116.4	114.4	-	-	186.8	183.0	179.8	-	-
Furniture and related products.....	337	62.2	62.1	61.4	62.6	2.0	83.4	85.4	85.2	86.9	2.0
Household and institutional furniture.....	3371	58.4	59.1	58.1	-	-	78.6	82.9	81.6	-	-
Wood kitchen cabinets and countertops.....	33711	75.2	75.5	74.9	-	-	100.3	105.4	103.9	-	-
Other household and institutional furniture.....	33712	48.7	49.6	48.2	-	-	65.0	68.9	67.6	-	-
Upholstered household furniture.....	337121	70.4	66.9	64.8	-	-	87.3	89.5	87.1	-	-
Miscellaneous durable goods manufacturing.....	339	85.5	84.1	82.7	83.2	0.6	122.3	123.9	122.6	124.2	1.3
Medical equipment and supplies.....	3391	109.3	103.3	101.9	-	-	155.0	154.3	154.3	-	-
Surgical appliances and supplies.....	339113	106.9	110.3	105.6	-	-	141.6	144.9	141.8	-	-
Dental laboratories.....	339116	77.5	79.1	80.1	-	-	108.3	120.6	121.5	-	-
Other miscellaneous durable goods manufacturing.....	3399	68.2	70.0	68.7	-	-	96.0	99.2	97.1	-	-
Signs.....	33995	94.9	98.5	96.1	-	-	127.4	131.5	129.3	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.8	69.1	66.8	-	-	97.8	102.0	98.0	-	-
Nondurable goods.....		82.6	83.1	83.7	84.8	1.3	109.6	113.0	114.5	115.0	0.4
Food manufacturing.....	311	109.5	110.1	112.2	116.0	3.4	144.1	148.2	150.7	155.1	2.9
Sugar and confectionery products.....	3113	82.4	82.5	79.3	-	-	92.6	98.6	97.6	-	-
Fruit and vegetable preserving and specialty.....	3114	121.5	108.7	118.2	-	-	157.9	136.7	147.7	-	-
Frozen food.....	31141	108.1	111.8	116.7	-	-	143.4	146.2	154.9	-	-
Fruit and vegetable canning and drying.....	31142	135.6	105.3	119.8	-	-	171.0	127.8	141.1	-	-
Dairy products.....	3115	114.7	109.9	111.5	-	-	158.4	157.1	159.6	-	-
Animal slaughtering and processing.....	3116	99.8	107.1	106.7	-	-	132.9	147.2	145.6	-	-
Poultry processing.....	311615	100.4	105.9	105.6	-	-	133.0	140.9	139.1	-	-
Seafood product preparation and packaging.....	3117	154.4	121.5	161.5	-	-	219.7	172.6	224.8	-	-
Bakeries and tortilla manufacturing.....	3118	100.7	100.1	100.7	-	-	132.0	136.4	137.1	-	-
Textile mills.....	313	37.2	35.6	34.1	35.1	2.9	49.6	48.7	47.9	49.1	2.5
Textile product mills.....	314	53.1	52.5	52.1	51.6	-1.0	66.5	72.1	71.0	71.6	0.8
Apparel.....	315	34.0	30.9	30.0	29.8	-0.7	50.3	48.5	48.1	48.2	0.2
Paper and paper products.....	322	66.5	66.7	67.5	67.8	0.4	85.9	86.7	87.7	87.0	-0.8
Pulp, paper, and paperboard mills.....	3221	59.5	61.3	60.8	-	-	76.3	76.3	76.9	-	-
Converted paper products.....	3222	69.7	69.1	70.4	-	-	92.5	93.7	95.0	-	-
Paperboard containers.....	32221	72.4	73.5	75.1	-	-	94.5	97.5	99.3	-	-
Corrugated and solid fiber boxes.....	322211	71.3	75.4	75.9	-	-	91.0	99.0	99.5	-	-
Paper bags and coated and treated paper.....	32222	66.3	66.8	67.0	-	-	87.8	86.2	87.0	-	-
Printing and related support activities.....	323	64.0	63.6	62.8	64.0	1.9	80.8	78.7	78.0	79.5	1.9
Petroleum and coal products.....	324	100.6	112.2	109.6	109.3	-0.3	169.5	193.3	190.5	191.4	0.5
Chemicals.....	325	95.3	96.9	98.1	98.2	0.1	122.4	129.2	134.5	131.5	-2.2
Basic chemicals.....	3251	85.0	78.0	78.7	-	-	107.9	105.9	110.2	-	-
Resin, rubber, and artificial fibers.....	3252	80.9	78.3	77.7	-	-	113.0	112.8	115.2	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Pharmaceuticals and medicines.....	3254	128.5	136.7	138.7	-	-	162.4	187.6	198.9	-	-
Soaps, cleaning compounds, and toiletries.....	3256	86.5	88.7	89.9	-	-	103.4	112.5	116.7	-	-
Plastics and rubber products.....	326	84.6	85.6	84.4	85.5	1.3	106.8	109.4	109.2	109.8	0.5
Plastics products.....	3261	86.9	88.8	87.8	-	-	115.2	118.9	119.3	-	-
Plastics packaging materials, film, and sheet...	32611	103.3	98.8	98.6	-	-	126.0	125.0	126.5	-	-
Foam products.....	32614,5	105.4	107.9	106.6	-	-	135.9	143.5	145.0	-	-
Other plastics products.....	32619	80.1	84.0	82.6	-	-	110.5	116.7	116.5	-	-
Rubber products.....	3262	76.3	75.0	73.0	-	-	82.8	83.3	81.0	-	-
Miscellaneous nondurable goods manufacturing...	312,6	99.7	100.7	102.4	101.6	-0.8	124.3	125.4	127.0	125.7	-1.0
Private service-providing.....		120.2	122.7	123.9	122.6	-1.0	174.7	181.9	185.3	182.3	-1.6
Trade, transportation, and utilities.....		107.6	109.2	110.0	109.6	-0.4	144.9	150.3	152.7	150.6	-1.4
Wholesale trade.....	42	106.9	109.5	110.7	109.7	-0.9	151.7	158.4	162.7	158.8	-2.4
Durable goods.....	423	100.3	102.7	103.9	-	-	137.0	143.6	148.2	-	-
Motor vehicles and parts.....	4231	100.1	101.5	101.6	-	-	128.5	134.9	137.3	-	-
Motor vehicles.....	42311	100.4	102.7	103.1	-	-	130.0	136.9	139.0	-	-
New motor vehicle parts.....	42312	95.5	96.6	97.0	-	-	124.1	126.2	128.0	-	-
Furniture and furnishings.....	4232	93.5	97.6	100.0	-	-	118.1	133.4	136.7	-	-
Lumber and construction supplies.....	4233	101.2	105.0	105.3	-	-	141.9	152.8	155.4	-	-
Lumber and wood.....	42331	89.4	91.3	91.3	-	-	129.9	136.4	137.8	-	-
Masonry materials.....	42332	104.5	113.6	115.0	-	-	138.6	152.3	153.3	-	-
Roofing, siding, and other construction materials.....	42333,9	128.6	131.0	130.9	-	-	177.4	195.5	202.9	-	-
Commercial equipment.....	4234	93.7	95.0	96.1	-	-	126.9	133.2	137.3	-	-
Office equipment.....	42342	70.8	71.2	71.3	-	-	100.1	102.2	106.8	-	-
Computer and software.....	42343	79.8	79.1	82.2	-	-	106.3	108.5	113.5	-	-
Medical equipment.....	42345	128.2	133.5	133.2	-	-	183.6	201.2	205.3	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	108.7	110.2	110.0	-	-	157.5	168.1	168.5	-	-
Metals and minerals.....	4235	99.8	100.1	101.9	-	-	138.4	134.6	140.1	-	-
Electric goods.....	4236	95.6	97.2	99.9	-	-	131.4	134.0	141.0	-	-
Electrical equipment and wiring.....	42361	108.2	108.2	111.8	-	-	152.3	148.3	155.7	-	-
Electric appliances and other electronic parts.....	42362,9	84.9	87.9	89.7	-	-	115.0	122.6	129.4	-	-
Hardware and plumbing.....	4237	108.2	111.3	112.3	-	-	158.4	165.6	170.4	-	-
Hardware.....	42371	110.2	107.4	110.0	-	-	166.7	161.3	170.0	-	-
Plumbing equipment.....	42372	113.3	117.1	117.5	-	-	173.9	182.4	186.2	-	-
HVAC and refrigeration equipment.....	42373,4	99.9	108.0	108.4	-	-	136.2	152.1	155.0	-	-
Machinery and supplies.....	4238	103.9	107.5	109.2	-	-	145.2	154.2	160.0	-	-
Construction equipment.....	42381	106.6	122.8	120.9	-	-	137.9	172.3	173.9	-	-
Farm and garden equipment.....	42382	108.8	109.4	112.0	-	-	172.9	180.4	185.6	-	-
Industrial machinery.....	42383	99.5	100.6	102.4	-	-	141.4	143.1	149.3	-	-
Industrial supplies.....	42384	126.2	130.8	133.3	-	-	176.4	189.8	198.5	-	-
Miscellaneous durable goods.....	4239	110.5	113.2	114.4	-	-	156.4	160.5	165.5	-	-
Sporting goods.....	42391	98.4	110.6	110.1	-	-	136.6	158.8	159.5	-	-
Recyclable materials.....	42393	112.4	119.5	120.6	-	-	149.1	162.7	169.2	-	-
Nondurable goods.....	424	105.2	107.4	108.2	-	-	145.2	152.6	154.5	-	-
Paper and paper products.....	4241	82.8	83.9	84.0	-	-	116.3	119.7	120.4	-	-
Druggists' goods.....	4242	93.2	90.5	92.6	-	-	135.4	134.6	139.9	-	-
Apparel and piece goods.....	4243	106.1	102.6	102.3	-	-	141.8	142.0	144.1	-	-
Grocery and related products.....	4244	112.7	117.0	118.1	-	-	153.6	161.5	163.8	-	-
General line grocery.....	42441	112.1	112.1	114.2	-	-	152.0	154.3	158.7	-	-
Fruits and vegetables.....	42448	137.4	149.6	152.7	-	-	187.9	201.2	211.1	-	-
Farm product raw materials.....	4245	102.2	112.0	106.7	-	-	155.9	174.4	165.3	-	-
Chemicals.....	4246	102.8	103.5	105.3	-	-	135.2	147.5	150.3	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Petroleum.....	4247	100.2	100.5	101.3	-	-	155.5	160.5	161.9	-	-
Alcoholic beverages.....	4248	152.0	154.1	158.7	-	-	193.2	207.5	212.3	-	-
Misc. nondurable goods.....	4249	90.9	94.1	93.9	-	-	125.2	136.6	136.5	-	-
Farm supplies.....	42491	106.0	115.5	112.2	-	-	144.2	169.3	163.8	-	-
Nursery stock and florists' supplies.....	42493	78.1	86.4	82.1	-	-	110.1	125.1	120.4	-	-
Electronic markets and agents and brokers.....	425	147.3	153.1	155.2	-	-	234.6	241.0	250.2	-	-
Business to business electronic markets.....	42511	45.2	43.0	41.7	-	-	64.9	56.0	55.4	-	-
Wholesale trade agents and brokers.....	42512	162.1	169.5	171.6	-	-	253.0	261.7	271.3	-	-
Retail trade.....		102.4	103.7	105.2	104.7	-0.5	131.3	135.8	138.6	137.1	-1.1
Motor vehicle and parts dealers.....	441	113.0	115.0	116.2	-	-	137.4	139.3	142.5	-	-
Automobile dealers.....	4411	111.9	114.4	116.0	-	-	130.8	132.7	137.3	-	-
New car dealers.....	44111	106.6	108.6	110.1	-	-	124.3	125.8	130.4	-	-
Used car dealers.....	44112	180.9	186.6	191.1	-	-	246.4	250.9	255.9	-	-
Other motor vehicle dealers.....	4412	117.5	125.9	123.8	-	-	161.2	181.3	176.8	-	-
Auto parts, accessories, and tire stores.....	4413	114.0	113.7	114.8	-	-	154.0	151.3	152.2	-	-
Automotive parts and accessories stores.....	44131	111.6	110.9	110.2	-	-	157.7	152.9	149.6	-	-
Tire dealers.....	44132	119.1	119.4	123.7	-	-	147.8	148.6	156.6	-	-
Furniture and home furnishings stores.....	442	91.8	90.3	91.3	-	-	123.5	125.6	130.4	-	-
Furniture stores.....	4421	90.9	92.3	93.4	-	-	119.2	125.5	130.8	-	-
Home furnishings stores.....	4422	92.8	88.1	88.6	-	-	129.5	126.1	129.4	-	-
Floor covering stores.....	44221	74.5	76.3	79.3	-	-	108.1	111.0	115.8	-	-
Other home furnishings stores.....	44229	107.7	97.6	96.2	-	-	153.8	142.8	144.5	-	-
Electronics and appliance stores.....	443	103.1	97.1	97.9	-	-	147.1	138.1	139.9	-	-
Household appliance stores.....	443141	62.3	68.6	67.4	-	-	80.1	89.2	89.3	-	-
Electronics stores.....	443142	110.9	102.7	103.7	-	-	157.4	145.8	147.6	-	-
Building material and garden supply stores.....	444	98.0	107.4	105.7	-	-	124.1	140.5	139.3	-	-
Building material and supplies dealers.....	4441	95.5	104.1	103.0	-	-	120.1	135.9	135.1	-	-
Home centers.....	44411	102.4	120.1	117.7	-	-	125.0	153.1	150.1	-	-
Hardware stores.....	44413	90.3	94.4	94.0	-	-	121.0	128.0	126.3	-	-
Lawn and garden equipment and supplies stores...	4442	115.6	131.9	126.5	-	-	155.8	177.5	172.9	-	-
Food and beverage stores.....	445	94.0	95.3	96.4	-	-	112.0	116.2	118.1	-	-
Grocery stores.....	4451	95.1	96.4	97.2	-	-	114.4	118.4	119.8	-	-
Supermarkets and other grocery stores.....	44511	94.3	95.1	96.1	-	-	113.3	116.8	118.3	-	-
Convenience stores.....	44512	112.4	122.9	121.1	-	-	146.1	158.7	159.5	-	-
Specialty food stores.....	4452	79.0	78.0	80.7	-	-	88.7	91.7	96.3	-	-
Meat markets and fish and seafood markets.....	44521,2	96.1	101.6	105.3	-	-	118.7	130.2	134.4	-	-
Beer, wine, and liquor stores.....	4453	100.4	101.6	105.7	-	-	110.0	116.2	120.2	-	-
Health and personal care stores.....	446	103.3	103.5	106.5	-	-	143.3	148.8	154.6	-	-
Pharmacies and drug stores.....	44611	99.2	97.9	100.1	-	-	144.1	148.9	154.2	-	-
Cosmetic and beauty supply stores.....	44612	115.2	129.1	132.9	-	-	133.5	161.1	168.6	-	-
Optical goods stores.....	44613	128.0	131.8	134.5	-	-	176.8	177.2	178.8	-	-
Other health and personal care stores.....	44619	103.8	100.4	106.9	-	-	127.2	124.9	132.9	-	-
Gasoline stations.....	447	105.1	105.4	106.5	-	-	137.9	141.6	143.3	-	-
Gasoline stations with convenience stores.....	44711	110.2	109.6	110.5	-	-	145.5	148.4	150.0	-	-
Other gasoline stations.....	44719	77.3	84.0	85.0	-	-	102.5	112.2	112.8	-	-
Clothing and clothing accessories stores.....	448	92.6	88.5	90.9	-	-	119.9	118.7	122.3	-	-
Clothing stores.....	4481	90.7	87.1	89.8	-	-	113.0	112.4	116.7	-	-
Women's clothing stores.....	44812	115.2	114.5	113.8	-	-	148.2	139.9	141.6	-	-
Family clothing stores.....	44814	78.1	72.4	76.8	-	-	93.2	89.4	95.7	-	-
Clothing accessories stores.....	44815	107.5	122.8	126.3	-	-	151.2	174.5	179.8	-	-
Shoe stores.....	4482	123.5	108.4	111.0	-	-	198.9	177.4	179.7	-	-
Jewelry, luggage, and leather goods stores.....	4483	77.1	78.9	78.2	-	-	99.0	107.6	107.7	-	-
Sporting goods, hobby, book, and music stores.....	451	104.1	99.8	102.5	-	-	142.9	145.5	150.5	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Sporting goods and musical instrument stores.....	4511	119.4	117.4	120.5	-	-	160.2	166.8	172.8	-	-
Sporting goods stores.....	45111	148.1	144.7	148.1	-	-	192.6	198.2	204.0	-	-
Hobby, toy, and game stores.....	45112	95.2	101.4	105.5	-	-	125.8	151.8	154.2	-	-
Book stores and news dealers.....	4512	57.1	46.0	48.1	-	-	82.1	71.4	74.2	-	-
General merchandise stores.....	452	112.6	114.8	117.7	-	-	139.1	150.0	154.3	-	-
Miscellaneous store retailers.....	453	86.0	84.7	85.8	-	-	109.8	108.5	109.9	-	-
Florists.....	4531	42.3	47.4	42.5	-	-	52.0	63.7	56.8	-	-
Office supplies, stationery, and gift stores.....	4532	58.1	51.6	53.3	-	-	73.3	65.1	68.2	-	-
Office supplies and stationery stores.....	45321	57.4	48.9	51.6	-	-	69.9	59.8	63.2	-	-
Gift, novelty, and souvenir stores.....	45322	58.9	54.2	55.0	-	-	78.6	73.3	76.0	-	-
Used merchandise stores.....	4533	184.4	178.7	179.4	-	-	261.8	264.8	268.4	-	-
Other miscellaneous store retailers.....	4539	111.0	115.3	119.0	-	-	143.2	145.5	147.6	-	-
Pet and pet supplies stores.....	45391	166.4	169.0	171.3	-	-	246.9	227.1	232.7	-	-
Nonstore retailers.....	454	117.3	120.8	122.1	-	-	178.7	175.9	178.4	-	-
Electronic shopping and mail-order houses.....	4541	151.3	154.8	156.4	-	-	230.1	219.0	222.8	-	-
Electronic shopping and electronic auctions.....	45411,2	415.9	441.7	448.4	-	-	668.6	624.7	636.8	-	-
Mail-order houses.....	454113	71.6	68.1	68.1	-	-	92.3	91.1	92.3	-	-
Transportation and warehousing.....		125.2	127.4	126.3	125.9	-0.3	166.1	172.5	172.2	171.1	-0.6
Air transportation.....	481	74.1	73.4	77.5	-	-	153.8	153.3	163.9	-	-
Truck transportation.....	484	119.6	122.2	121.9	-	-	159.5	166.3	166.1	-	-
General freight trucking.....	4841	113.8	116.5	115.9	-	-	149.8	156.8	155.8	-	-
General freight trucking, local.....	48411	110.6	110.9	111.1	-	-	147.6	151.6	153.1	-	-
General freight trucking, long-distance.....	48412	114.8	118.3	117.5	-	-	150.4	158.3	156.5	-	-
General freight trucking, long-distance TL.....	484121	109.1	113.8	113.4	-	-	144.6	155.1	153.3	-	-
General freight trucking, long-distance LTL.....	484122	128.4	129.6	127.3	-	-	162.9	165.7	163.7	-	-
Specialized freight trucking.....	4842	134.7	137.2	137.6	-	-	187.6	194.1	196.1	-	-
Used household and office goods moving.....	48421	101.7	105.7	104.4	-	-	130.9	133.1	133.5	-	-
Other specialized trucking, local.....	48422	140.8	147.4	148.0	-	-	203.0	215.6	217.9	-	-
Other specialized trucking, long-distance.....	48423	152.5	146.4	148.2	-	-	202.3	202.5	205.4	-	-
Transit and ground passenger transportation.....	485	110.1	128.4	113.5	-	-	146.4	174.3	152.4	-	-
School and employee bus transportation.....	4854	73.4	119.0	75.5	-	-	99.7	167.2	97.8	-	-
Other ground passenger transportation.....	4859	181.9	186.7	189.5	-	-	221.7	234.7	237.9	-	-
Pipeline transportation.....	486	132.5	129.7	127.5	-	-	240.5	239.1	234.7	-	-
Support activities for transportation.....	488	122.5	127.7	128.2	-	-	156.1	163.2	164.7	-	-
Support activities for air transportation.....	4881	135.9	138.2	139.6	-	-	159.1	157.3	158.2	-	-
Airport operations.....	48811	138.2	137.8	140.6	-	-	127.3	133.0	135.4	-	-
Support activities for water transportation.....	4883	83.8	84.1	85.1	-	-	125.8	127.3	131.6	-	-
Support activities for road transportation.....	4884	136.7	143.1	146.1	-	-	145.3	156.5	160.1	-	-
Freight transportation arrangement.....	4885	129.8	135.1	132.8	-	-	182.2	192.0	191.2	-	-
Support activities for other transportation, including rail.....	4882,9	116.2	137.0	137.4	-	-	168.8	207.0	202.9	-	-
Couriers and messengers.....	492	148.9	153.9	150.0	-	-	178.8	190.3	185.7	-	-
Warehousing and storage.....	493	204.3	197.5	197.5	-	-	216.3	225.3	226.8	-	-
General warehousing and storage.....	49311	216.5	209.9	210.7	-	-	227.6	239.2	241.9	-	-
Utilities.....	22	97.4	97.9	98.6	96.1	-2.5	143.6	147.8	149.1	141.6	-5.0
Power generation and supply.....	2211	97.7	96.6	97.4	-	-	147.7	151.3	153.3	-	-
Electric power generation.....	22111	61.9	60.6	61.3	-	-	94.9	95.5	97.5	-	-
Fossil fuel electric power generation.....	221112	68.5	68.6	69.3	-	-	106.9	114.7	116.8	-	-
Electric power transmission and distribution.....	22112	154.3	153.3	154.5	-	-	241.2	250.2	252.2	-	-
Natural gas distribution.....	2212	91.4	93.2	92.6	-	-	129.2	132.1	129.9	-	-
Water, sewage and other systems.....	2213	112.8	126.1	128.6	-	-	143.0	160.3	165.4	-	-
Information.....	51	91.3	90.2	92.0	89.2	-3.0	135.9	135.9	140.5	135.5	-3.6
Publishing industries, except Internet.....	511	99.9	99.0	102.4	-	-	160.8	152.2	160.0	-	-

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: July 2017 - Aug. 2017 ^P	Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Aug. 2016		June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	
Newspaper, book, and directory publishers.....	5111	80.4	75.9	76.5	-	-	120.1	113.3	114.5	-	-	
Newspaper publishers.....	51111	73.4	69.0	70.1	-	-	96.9	92.0	94.4	-	-	
Periodical publishers.....	51112	100.1	92.3	93.9	-	-	161.5	149.8	153.4	-	-	
Software publishers.....	5112	131.9	136.9	144.7	-	-	194.6	184.5	197.6	-	-	
Motion picture and sound recording industries.....	512	87.9	91.6	93.7	-	-	94.0	104.7	103.9	-	-	
Broadcasting, except Internet.....	515	83.4	81.5	82.5	-	-	127.6	122.5	126.1	-	-	
Radio broadcasting.....	51511	87.8	86.5	87.7	-	-	144.9	135.4	140.0	-	-	
Telecommunications.....	517	73.4	70.1	69.5	-	-	105.9	102.1	102.2	-	-	
Wired telecommunications carriers.....	5171	84.2	80.6	79.0	-	-	117.4	111.3	110.6	-	-	
Telecommunications resellers.....	517911	31.6	31.1	31.9	-	-	36.7	38.9	40.6	-	-	
Data processing, hosting and related services.....	518	110.3	110.1	116.1	-	-	181.5	201.3	216.6	-	-	
Other information services.....	519	223.9	237.8	244.1	-	-	328.7	369.7	392.1	-	-	
Financial activities.....		112.3	114.8	117.5	114.8	-2.3	180.2	185.9	192.6	186.2	-3.3	
Credit intermediation and related activities.....	522	104.3	108.2	111.3	-	-	163.0	174.8	181.0	-	-	
Depository credit intermediation.....	5221	102.3	105.6	108.6	-	-	162.5	173.3	180.4	-	-	
Commercial banking.....	52211	107.0	110.8	113.9	-	-	174.1	186.3	193.4	-	-	
Savings institutions.....	52212	52.7	53.4	55.3	-	-	78.8	80.5	83.4	-	-	
Credit unions and other depository credit intermediation.....	52213,9	128.4	131.1	134.7	-	-	193.8	206.8	217.7	-	-	
Nondepository credit intermediation.....	5222	95.9	101.5	104.6	-	-	146.0	154.5	159.2	-	-	
Consumer lending.....	522291	109.8	109.5	113.6	-	-	133.5	140.2	144.9	-	-	
Real estate credit.....	522292	90.8	96.9	100.7	-	-	133.0	134.1	141.0	-	-	
Activities related to credit intermediation.....	5223	144.3	147.2	150.7	-	-	221.4	250.2	254.0	-	-	
Financial transaction processing and clearing.....	52232	207.7	211.7	217.1	-	-	400.0	479.7	482.7	-	-	
Securities, commodity contracts, investments, and funds and trusts.....	523,5	130.3	130.4	136.6	-	-	238.1	233.9	247.2	-	-	
Securities brokerage.....	52312	107.5	106.3	112.8	-	-	181.6	182.1	193.9	-	-	
Securities and commodity contracts brokerage and exchanges.....	5231,2	104.4	101.9	108.6	-	-	201.2	193.9	205.5	-	-	
Other financial investment activities, including funds and trusts.....	5239; 525	174.3	178.6	183.8	-	-	298.8	299.7	315.4	-	-	
Portfolio management.....	52392	159.8	166.6	172.7	-	-	285.5	286.5	306.1	-	-	
Investment advice.....	52393	228.0	233.3	239.8	-	-	373.9	376.0	395.9	-	-	
Insurance carriers and related activities.....	524	116.3	117.1	119.4	-	-	175.8	177.5	183.9	-	-	
Insurance carriers.....	5241	105.6	105.7	106.8	-	-	163.5	163.1	167.3	-	-	
Direct life and health insurance carriers.....	52411	106.8	107.8	108.8	-	-	171.9	172.4	177.1	-	-	
Direct insurers, except life and health.....	52412	104.8	104.2	104.9	-	-	153.4	152.3	155.3	-	-	
Reinsurance carriers.....	52413	89.9	88.5	94.8	-	-	211.7	213.4	232.9	-	-	
Insurance agencies, brokerages, and related services.....	5242	137.9	139.9	144.4	-	-	204.0	209.9	220.5	-	-	
Insurance agencies and brokerages.....	52421	134.6	136.6	141.6	-	-	197.4	200.8	211.6	-	-	
Other insurance-related activities.....	52429	146.2	148.2	151.7	-	-	219.4	230.8	241.5	-	-	
Third-party administration of insurance funds.....	524292	140.8	140.3	143.3	-	-	211.5	221.2	229.8	-	-	
Real estate.....	531	118.5	121.9	125.0	-	-	189.9	200.1	207.5	-	-	
Lessors of real estate.....	5311	92.8	95.7	97.9	-	-	145.3	154.0	157.4	-	-	
Lessors of residential buildings.....	53111	91.0	91.4	93.8	-	-	138.5	141.9	144.6	-	-	
Lessors of nonresidential buildings.....	53112	87.5	92.2	92.9	-	-	156.2	173.6	176.7	-	-	
Offices of real estate agents and brokers.....	5312	105.3	111.9	113.3	-	-	179.8	198.7	207.2	-	-	
Activities related to real estate.....	5313	163.4	166.4	170.8	-	-	249.8	258.3	268.2	-	-	
Real estate property managers.....	53131	164.6	167.8	172.8	-	-	251.3	259.5	268.9	-	-	
Residential property managers.....	531311	175.4	179.7	185.3	-	-	265.4	272.8	282.2	-	-	
Nonresidential property managers.....	531312	140.0	140.4	144.4	-	-	225.9	235.5	245.1	-	-	
Rental and leasing services.....	532	97.5	100.0	100.8	-	-	147.1	157.0	157.9	-	-	
Home health equipment rental.....	532291	129.1	122.4	122.3	-	-	135.5	126.3	124.7	-	-	

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					Index of aggregate weekly payrolls ³				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
General rental centers.....	5323	72.9	73.4	71.0	-	-	72.0	73.0	69.4	-	-
Machinery and equipment rental and leasing.....	5324	129.7	141.2	145.1	-	-	213.8	233.4	241.6	-	-
Heavy machinery rental and leasing.....	53241	114.1	128.3	130.9	-	-	200.9	245.1	249.0	-	-
Office equipment and other machinery rental and leasing.....	53242,9	152.2	159.9	165.5	-	-	231.7	218.1	231.6	-	-
Professional and business services.....		132.1	135.9	137.4	135.4	-1.5	198.3	208.3	214.1	208.7	-2.5
Professional and technical services.....	54	141.2	145.3	148.5	-	-	215.9	225.6	233.8	-	-
Legal services.....	5411	100.2	102.6	105.5	-	-	149.6	154.2	161.1	-	-
Offices of lawyers.....	54111	98.7	101.3	104.5	-	-	148.3	152.8	160.2	-	-
Other legal services.....	54119	123.6	120.5	121.9	-	-	183.8	184.2	188.7	-	-
Title abstract and settlement offices.....	541191	105.8	105.6	107.2	-	-	134.7	147.3	149.9	-	-
Accounting and bookkeeping services.....	5412	108.7	110.4	111.6	-	-	166.1	174.5	180.1	-	-
Offices of certified public accountants.....	541211	118.3	122.3	126.2	-	-	171.8	180.5	190.4	-	-
Payroll services.....	541214	134.7	135.0	133.5	-	-	210.6	217.7	216.2	-	-
Architectural and engineering services.....	5413	116.1	120.9	121.1	-	-	174.2	185.6	186.7	-	-
Architectural services.....	54131	104.1	109.4	113.6	-	-	151.9	160.3	167.8	-	-
Landscape architectural services.....	54132	87.3	89.5	94.9	-	-	144.9	145.6	149.6	-	-
Engineering and drafting services.....	54133,4	122.9	127.2	125.9	-	-	182.8	195.9	195.1	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	95.9	101.3	104.6	-	-	151.6	161.8	166.1	-	-
Testing laboratories.....	54138	113.6	120.8	119.8	-	-	163.7	169.6	170.9	-	-
Specialized design services.....	5414	125.8	122.3	124.6	-	-	197.4	208.3	211.7	-	-
Graphic design services.....	54143	99.4	101.5	103.1	-	-	179.2	176.3	181.2	-	-
Computer systems design and related services.....	5415	180.9	184.0	191.6	-	-	257.1	262.7	278.1	-	-
Custom computer programming services.....	541511	173.0	173.8	183.9	-	-	242.6	244.4	262.1	-	-
Computer systems design services.....	541512	220.3	227.5	235.1	-	-	298.7	309.7	326.5	-	-
Management and technical consulting services.....	5416	230.8	243.1	248.6	-	-	332.4	361.1	373.0	-	-
Management consulting services.....	54161	223.2	239.6	246.5	-	-	317.7	350.0	363.6	-	-
Administrative management consulting services..	541611	245.6	267.7	273.2	-	-	387.7	423.2	437.9	-	-
Marketing consulting services.....	541613	362.0	404.3	430.2	-	-	468.6	568.5	612.3	-	-
Process and logistics consulting services.....	541614	222.5	218.2	218.5	-	-	261.3	281.9	280.8	-	-
Scientific research and development services.....	5417	141.6	144.1	149.2	-	-	234.1	242.6	253.2	-	-
Research and development in the physical, engineering, and life sciences.....	54171	149.0	152.1	158.1	-	-	247.2	256.6	268.5	-	-
Biotechnology research.....	541711	156.5	163.5	172.9	-	-	253.5	262.3	279.2	-	-
Physical, engineering, and life sciences research.....	541712	146.8	148.6	153.5	-	-	245.8	255.2	265.8	-	-
Social science and humanities research.....	54172	83.5	82.2	82.9	-	-	119.7	122.2	124.1	-	-
Advertising and related services.....	5418	128.8	126.9	129.6	-	-	213.7	205.1	212.5	-	-
Advertising agencies.....	54181	148.8	144.2	150.1	-	-	231.8	221.0	234.9	-	-
Public relations agencies.....	54182	131.4	135.8	139.2	-	-	202.7	219.4	228.4	-	-
Advertising material distribution and other advertising services.....	54187,9	156.6	149.6	141.1	-	-	235.7	231.5	224.7	-	-
Other professional and technical services.....	5419	160.1	170.6	173.0	-	-	255.2	282.5	289.9	-	-
Marketing research and public opinion polling.....	54191	91.1	93.3	93.0	-	-	143.7	148.8	155.9	-	-
Photographic services.....	54192	59.8	66.7	65.2	-	-	83.9	107.5	105.7	-	-
Veterinary services.....	54194	167.1	175.2	178.1	-	-	249.9	269.7	272.8	-	-
Miscellaneous professional and technical services..	54193,9	390.9	434.3	445.0	-	-	656.4	760.7	791.1	-	-
Management of companies and enterprises.....	55	128.8	126.5	128.2	-	-	212.5	216.2	221.4	-	-
Offices of bank holding companies and of other holding companies.....	551111,2	92.1	100.6	104.4	-	-	147.8	164.1	173.3	-	-
Managing offices.....	551114	130.6	127.9	129.5	-	-	216.6	219.6	224.6	-	-
Administrative and waste services.....	56	125.7	130.3	130.0	-	-	170.6	182.6	183.9	-	-
Administrative and support services.....	561	125.3	130.4	129.6	-	-	170.6	183.4	184.3	-	-
Office administrative services.....	5611	189.1	201.3	201.0	-	-	320.4	340.5	347.4	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Facilities support services.....	5612	143.7	147.8	150.1	-	-	167.4	168.1	170.3	-	-
Employment services.....	5613	116.3	121.6	119.8	-	-	149.4	162.4	161.5	-	-
Employment placement agencies and executive search services.....	56131	98.2	104.1	101.4	-	-	157.0	176.3	173.0	-	-
Temporary help services.....	56132	141.4	147.6	145.2	-	-	179.2	194.9	193.8	-	-
Professional employer organizations.....	56133	48.8	51.2	51.7	-	-	63.9	66.6	67.5	-	-
Business support services.....	5614	130.2	127.7	130.2	-	-	183.9	185.7	191.1	-	-
Telephone call centers.....	56142	166.9	162.3	165.4	-	-	244.9	245.1	253.4	-	-
Business service centers.....	56143	97.0	87.5	87.4	-	-	132.6	122.4	123.8	-	-
Collection agencies.....	56144	87.4	88.1	90.0	-	-	123.2	125.5	129.5	-	-
Travel arrangement and reservation services.....	5615	91.4	90.9	92.8	-	-	147.5	146.1	149.8	-	-
Travel agencies.....	56151	76.7	73.6	76.1	-	-	105.8	95.4	98.9	-	-
Investigation and security services.....	5616	123.6	126.3	127.4	-	-	177.8	201.6	208.4	-	-
Security and armored car services.....	56161	120.6	123.2	123.6	-	-	169.8	197.4	203.8	-	-
Security systems services.....	56162	144.7	148.0	153.6	-	-	214.1	221.6	229.6	-	-
Services to buildings and dwellings.....	5617	141.3	149.6	148.5	-	-	195.3	209.9	209.3	-	-
Exterminating and pest control services.....	56171	167.4	169.0	174.6	-	-	252.4	254.2	259.6	-	-
Janitorial services.....	56172	127.9	129.5	129.2	-	-	173.3	176.6	177.7	-	-
Landscaping services.....	56173	159.9	176.0	172.7	-	-	219.2	244.8	241.3	-	-
Carpet and upholstery cleaning services.....	56174	92.2	109.3	103.9	-	-	125.2	148.1	140.9	-	-
Other services to buildings and dwellings.....	56179	126.7	141.9	140.0	-	-	152.4	177.5	175.3	-	-
Other support services.....	5619	106.6	115.4	114.1	-	-	139.9	151.6	149.7	-	-
Packaging and labeling services.....	56191	133.9	136.1	134.1	-	-	202.3	209.1	206.0	-	-
Convention and trade show organizers.....	56192	83.7	103.0	99.2	-	-	98.7	124.6	114.0	-	-
All other support services.....	56199	104.3	112.2	112.1	-	-	145.8	151.4	154.9	-	-
Waste management and remediation services.....	562	127.9	130.5	132.8	-	-	165.3	172.2	175.2	-	-
Waste collection.....	5621	157.8	166.4	168.8	-	-	213.8	223.3	226.3	-	-
Waste treatment and disposal.....	5622	87.0	89.0	90.7	-	-	130.9	136.3	138.5	-	-
Remediation and other waste services.....	5629	142.0	138.6	141.0	-	-	158.7	165.6	169.1	-	-
Education and health services.....		134.7	137.7	138.4	137.2	-0.9	200.3	208.0	210.4	208.7	-0.8
Health care and social assistance.....	62	138.1	140.7	142.4	-	-	206.7	214.3	218.4	-	-
Health care ⁵	621,2,3	134.7	136.7	138.4	-	-	206.3	213.2	217.1	-	-
Ambulatory health care services.....	621	154.9	158.4	160.1	-	-	236.0	246.2	249.7	-	-
Offices of physicians.....	6211	133.8	137.0	138.8	-	-	231.6	243.9	248.2	-	-
Offices of physicians, except mental health.....	621111	134.0	137.4	139.1	-	-	232.7	245.4	249.4	-	-
Offices of mental health physicians.....	621112	123.8	114.8	112.0	-	-	172.8	163.6	166.2	-	-
Offices of dentists.....	6212	128.0	126.3	125.5	-	-	178.1	178.6	178.6	-	-
Offices of other health practitioners.....	6213	169.7	178.0	181.8	-	-	243.8	258.7	264.0	-	-
Offices of chiropractors.....	62131	136.6	130.8	132.4	-	-	189.2	187.1	187.7	-	-
Offices of optometrists.....	62132	147.7	154.0	152.9	-	-	212.2	226.9	226.4	-	-
Offices of mental health practitioners.....	62133	117.5	137.5	137.8	-	-	144.4	165.9	168.9	-	-
Offices of specialty therapists.....	62134	193.6	200.9	206.8	-	-	276.1	292.1	299.9	-	-
Offices of all other health practitioners.....	62139	223.6	247.5	256.2	-	-	324.6	350.5	357.8	-	-
Outpatient care centers.....	6214	203.0	211.7	213.1	-	-	304.0	323.9	327.6	-	-
Outpatient mental health centers.....	62142	167.6	173.9	178.6	-	-	215.7	231.1	234.0	-	-
Outpatient care centers, except mental health.....	62141,9	219.2	228.8	229.0	-	-	338.5	360.2	364.4	-	-
Freestanding emergency medical centers....	621493	225.7	241.9	237.8	-	-	350.6	368.5	364.0	-	-
Miscellaneous outpatient care centers.....	621410,98	221.7	228.7	230.2	-	-	340.3	358.1	368.1	-	-
Medical and diagnostic laboratories.....	6215	154.4	152.5	152.9	-	-	223.5	217.4	219.4	-	-
Medical laboratories.....	621511	157.4	154.2	155.1	-	-	235.5	222.2	224.8	-	-
Diagnostic imaging centers.....	621512	146.9	147.1	146.5	-	-	194.4	204.5	205.2	-	-
Home health care services.....	6216	201.3	207.4	211.5	-	-	271.2	278.9	284.9	-	-
Other ambulatory health care services.....	6219	153.7	156.6	155.4	-	-	228.4	247.4	248.0	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Ambulance services.....	62191	159.0	157.1	157.4	-	-	224.9	232.4	234.7	-	-
All other ambulatory health care services.....	62199	145.9	155.8	152.6	-	-	233.0	266.1	265.2	-	-
Hospitals.....	622	126.1	128.1	128.5	-	-	201.3	206.4	209.7	-	-
General medical and surgical hospitals.....	6221	123.3	125.3	125.7	-	-	198.4	202.9	206.1	-	-
Nursing and residential care facilities.....	623	118.1	118.2	122.4	-	-	156.2	161.5	168.5	-	-
Nursing care facilities.....	6231	102.4	102.0	106.1	-	-	138.1	142.0	148.1	-	-
Residential mental health facilities.....	6232	129.5	129.9	132.6	-	-	172.7	178.4	184.1	-	-
Residential intellectual and developmental disability facilities.....	62321	120.7	121.9	123.8	-	-	153.7	161.0	165.4	-	-
Residential mental health and substance abuse facilities.....	62322	148.6	147.7	152.7	-	-	209.2	212.4	221.3	-	-
Community care facilities for the elderly.....	6233	163.3	163.8	170.0	-	-	216.4	225.5	237.4	-	-
Continuing care retirement communities.....	623311	197.6	200.8	206.9	-	-	265.1	278.5	290.2	-	-
Assisted living facilities for the elderly.....	623312	135.2	132.8	139.4	-	-	172.4	176.5	189.1	-	-
Other residential care facilities.....	6239	94.1	96.0	99.9	-	-	122.0	127.4	133.5	-	-
Social assistance.....	624	157.3	162.9	162.1	-	-	209.6	223.4	223.4	-	-
Individual and family services.....	6241	212.3	220.3	222.3	-	-	276.1	293.4	297.4	-	-
Child and youth services.....	62411	125.1	134.9	138.2	-	-	174.5	190.0	195.8	-	-
Services for the elderly and persons with disabilities.....	62412	271.5	279.7	281.9	-	-	361.1	381.9	386.9	-	-
Other individual and family services.....	62419	135.3	143.8	144.9	-	-	192.7	207.4	209.0	-	-
Emergency and other relief services.....	6242	129.8	137.8	140.2	-	-	185.3	204.3	211.4	-	-
Vocational rehabilitation services.....	6243	90.5	93.9	94.5	-	-	119.1	128.2	129.2	-	-
Child day care services.....	6244	121.5	124.4	118.1	-	-	159.6	169.6	160.4	-	-
Leisure and hospitality.....		133.7	135.7	138.9	135.9	-2.2	194.5	204.0	208.7	205.3	-1.6
Arts, entertainment, and recreation.....	71	135.0	134.1	141.4	-	-	178.3	184.2	189.7	-	-
Performing arts and spectator sports.....	711	129.9	123.4	125.5	-	-	184.7	194.2	189.0	-	-
Performing arts companies.....	7111	101.3	106.3	105.9	-	-	178.2	200.7	175.5	-	-
Spectator sports.....	7112	112.5	104.6	105.4	-	-	148.1	152.3	151.1	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	205.4	176.2	188.1	-	-	261.9	247.2	263.5	-	-
Independent artists, writers, and performers.....	7115	126.8	137.5	133.7	-	-	195.0	235.8	228.9	-	-
Museums, historical sites, and similar institutions.....	712	144.3	154.2	159.9	-	-	191.0	207.6	212.5	-	-
Museums.....	71211	131.7	129.4	136.6	-	-	175.7	175.4	182.6	-	-
Historical sites and other similar institutions.....	71212,3,9	164.2	193.6	197.2	-	-	222.0	273.4	273.8	-	-
Amusements, gambling, and recreation.....	713	135.2	135.7	144.2	-	-	173.8	178.1	187.6	-	-
Gambling industries.....	7132	93.2	95.2	97.6	-	-	141.8	153.1	159.1	-	-
Golf courses and country clubs.....	71391	157.4	166.9	171.4	-	-	203.2	222.3	227.5	-	-
Skiing facilities.....	71392	89.8	71.1	89.8	-	-	155.9	118.0	145.7	-	-
Marinas.....	71393	127.2	139.6	157.9	-	-	172.6	193.4	214.1	-	-
Fitness and recreational sports centers.....	71394	116.9	119.9	127.9	-	-	142.4	146.1	154.7	-	-
Bowling centers.....	71395	67.1	71.1	70.1	-	-	91.6	93.1	93.1	-	-
Accommodation and food services.....	72	134.0	136.0	138.7	-	-	199.1	208.8	213.5	-	-
Accommodation.....	721	120.6	118.2	124.9	-	-	166.5	166.6	176.9	-	-
Traveler accommodation.....	7211	116.5	115.3	119.6	-	-	161.8	164.0	171.6	-	-
Hotels and motels, except casino hotels.....	72111	121.4	119.9	124.6	-	-	170.2	172.4	180.8	-	-
RV parks and recreational camps.....	7212	302.3	250.5	368.5	-	-	379.1	291.1	420.2	-	-
Food services and drinking places.....	722	137.0	140.3	142.1	-	-	208.7	221.7	225.0	-	-
Special food services.....	7223	122.3	127.4	122.2	-	-	177.1	188.5	179.2	-	-
Food service contractors.....	72231	117.1	123.9	120.7	-	-	162.8	175.5	169.3	-	-
Caterers and mobile food services.....	72232,3	139.8	139.6	128.0	-	-	229.2	236.9	216.4	-	-
Drinking places, alcoholic beverages.....	7224	99.3	101.4	101.2	-	-	175.2	196.2	195.5	-	-
Restaurants and other eating places.....	7225	139.9	142.8	145.0	-	-	213.1	225.4	229.8	-	-
Full-service restaurants.....	722511	135.1	138.1	139.7	-	-	217.5	229.4	232.6	-	-

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				
		Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P	Aug. 2016	June 2017	July 2017 ^P	Aug. 2017 ^P	Percent change from: July 2017 - Aug. 2017 ^P
Limited-service restaurants.....	722513	141.7	144.8	147.6	-	-	201.7	214.7	220.2	-	-
Cafeterias, grill buffets, and buffets.....	722514	79.8	83.1	82.6	-	-	106.1	112.7	110.7	-	-
Snack and nonalcoholic beverage bars.....	722515	212.6	222.1	230.2	-	-	303.8	329.8	345.0	-	-
Other services.....	81	103.1	104.5	105.5	104.1	-1.3	144.7	150.6	152.6	151.1	-1.0
Repair and maintenance.....	811	107.7	109.9	108.8	-	-	144.6	152.2	151.5	-	-
Automotive repair and maintenance.....	8111	107.4	108.0	107.4	-	-	143.3	150.6	150.8	-	-
Automotive mechanical and electrical repair.....	81111	105.8	101.0	100.6	-	-	140.4	141.6	141.1	-	-
General automotive repair.....	811111	119.2	114.2	114.1	-	-	155.5	158.2	158.5	-	-
Automotive body, interior, and glass repair.....	81112	106.6	111.7	110.6	-	-	144.2	158.3	159.0	-	-
Other automotive repair and maintenance.....	81119	111.8	117.1	117.3	-	-	150.7	161.7	164.1	-	-
Car washes.....	811192	122.3	128.0	128.2	-	-	167.7	173.5	174.1	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	97.2	101.9	102.0	-	-	130.8	147.8	152.1	-	-
Electronic equipment repair and maintenance.....	8112	92.4	96.0	95.7	-	-	121.4	125.9	125.7	-	-
Computer and office machine repair.....	811212	77.0	85.6	86.2	-	-	99.2	102.8	105.2	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	105.2	104.7	103.7	-	-	139.3	144.5	142.5	-	-
Commercial machinery repair and maintenance.....	8113	133.1	135.5	132.5	-	-	185.2	189.9	187.6	-	-
Household goods repair and maintenance.....	8114	80.5	94.6	91.7	-	-	97.8	116.7	111.0	-	-
Personal and laundry services.....	812	107.4	109.3	110.3	-	-	148.8	155.6	157.4	-	-
Personal care services.....	8121	126.4	125.8	126.2	-	-	188.8	192.0	190.6	-	-
Hair, nail, and skin care services.....	81211	115.8	113.6	115.3	-	-	167.6	170.1	169.0	-	-
Other personal care services.....	81219	212.1	220.0	212.8	-	-	373.2	376.4	374.5	-	-
Death care services.....	8122	93.5	94.0	96.6	-	-	125.0	133.7	143.7	-	-
Drycleaning and laundry services.....	8123	79.6	83.0	83.4	-	-	106.1	108.5	110.0	-	-
Coin-operated laundries and drycleaners.....	81231	78.9	72.1	73.1	-	-	98.8	82.0	82.0	-	-
Drycleaning and laundry services, except coin-operated.....	81232	64.1	65.2	64.0	-	-	86.4	89.6	87.9	-	-
Linen and uniform supply.....	81233	99.7	109.3	111.1	-	-	126.9	133.5	138.3	-	-
Other personal services.....	8129	127.2	133.7	134.7	-	-	152.5	174.0	175.4	-	-
Pet care services, except veterinary.....	81291	343.0	377.7	387.5	-	-	375.9	407.4	417.0	-	-
Parking lots and garages.....	81293	128.3	131.0	130.6	-	-	161.6	199.5	194.3	-	-
Membership associations and organizations.....	813	99.3	100.0	102.3	-	-	144.0	148.3	152.0	-	-
Grantmaking and giving services.....	8132	138.8	158.7	166.3	-	-	243.7	282.1	308.1	-	-
Grantmaking foundations.....	813211	244.7	298.7	316.1	-	-	422.8	512.5	564.2	-	-
Social advocacy organizations.....	8133	120.3	123.6	129.7	-	-	187.5	207.1	221.8	-	-
Human rights organizations.....	813311	110.5	112.6	114.4	-	-	157.2	177.9	183.4	-	-
Environment, conservation, and other social advocacy organizations.....	813312,9	123.2	127.1	134.5	-	-	197.9	217.4	235.4	-	-
Civic and social organizations.....	8134	88.3	90.6	103.2	-	-	113.4	127.2	141.2	-	-
Professional and similar organizations.....	8139	103.0	99.7	100.9	-	-	146.5	149.7	151.8	-	-
Business associations.....	81391	97.1	96.9	100.3	-	-	142.3	154.5	162.9	-	-
Professional organizations.....	81392	135.0	132.1	129.8	-	-	208.1	204.5	201.8	-	-
Labor unions and similar labor organizations.....	81393	77.4	82.3	79.3	-	-	107.3	122.6	118.8	-	-
Miscellaneous professional and similar organizations.....	81394,9	116.1	103.7	108.1	-	-	177.8	153.8	161.6	-	-

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.

