

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	2017 NAICS code	Index of aggregate weekly hours ²					Percent change from: July 2018 - Aug. 2018 ^P	Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Aug. 2017		June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	
Total private.....		116.7	119.1	119.8	119.2	-0.5	171.2	178.8	181.3	179.8	-0.8	
Goods-producing.....		94.2	96.8	96.6	97.3	0.7	134.6	141.6	142.2	143.2	0.7	
Mining and logging.....		123.3	141.5	139.7	141.7	1.4	196.1	230.7	230.5	233.3	1.2	
Logging.....	1133	77.4	76.4	80.1	-	-	107.3	110.1	114.1	-	-	
Mining.....	21	129.5	150.5	147.6	-	-	206.1	244.8	243.5	-	-	
Oil and gas extraction.....	211	114.9	138.3	140.7	-	-	204.9	253.2	264.1	-	-	
Mining, except oil and gas.....	212	89.5	91.7	92.2	-	-	126.9	130.7	132.8	-	-	
Coal mining.....	2121	71.9	73.7	71.2	-	-	106.0	108.3	104.4	-	-	
Stone mining and quarrying.....	21231	94.1	95.6	95.4	-	-	131.8	140.4	145.2	-	-	
Crushed and broken limestone mining.....	212312	87.4	91.6	91.3	-	-	126.4	133.6	138.9	-	-	
Other stone mining and quarrying.....	212311,3,9	102.7	100.9	100.8	-	-	138.5	149.3	153.3	-	-	
Support activities for mining.....	213	181.3	222.5	213.7	-	-	315.0	395.5	384.2	-	-	
Support activities for oil and gas operations.....	213112	203.3	260.6	247.3	-	-	386.6	515.3	495.0	-	-	
Construction.....	23	111.1	114.2	115.4	115.3	-0.1	162.0	169.9	173.5	173.7	0.1	
Construction of buildings.....	236	98.1	99.2	100.6	-	-	145.0	151.7	155.8	-	-	
Residential building.....	2361	89.0	92.9	93.1	-	-	126.0	138.9	141.9	-	-	
New single-family general contractors.....	236115	68.4	68.6	68.4	-	-	97.6	104.0	107.5	-	-	
Residential remodelers.....	236118	126.7	141.1	142.3	-	-	169.7	200.1	203.6	-	-	
Nonresidential building.....	2362	106.7	105.2	107.9	-	-	160.2	162.1	167.3	-	-	
Industrial building.....	23621	94.5	95.4	97.0	-	-	143.0	151.8	157.5	-	-	
Commercial building.....	23622	111.5	108.9	112.1	-	-	166.9	165.8	170.9	-	-	
Heavy and civil engineering construction.....	237	121.6	124.2	126.2	-	-	197.6	203.6	209.2	-	-	
Utility system construction.....	2371	145.8	153.1	155.0	-	-	242.4	262.0	268.6	-	-	
Water and sewer system construction.....	23711	112.3	116.8	115.6	-	-	165.0	176.9	177.8	-	-	
Oil and gas pipeline construction.....	23712	205.9	216.3	225.0	-	-	399.6	414.6	436.0	-	-	
Power and communication system construction..	23713	149.9	158.6	160.7	-	-	245.2	278.4	284.3	-	-	
Highway, street, and bridge construction.....	2373	115.8	117.2	120.3	-	-	172.9	176.6	184.7	-	-	
Specialty trade contractors.....	238	112.9	116.8	117.2	-	-	158.9	167.7	169.9	-	-	
Building foundation and exterior contractors.....	2381	106.3	108.2	107.1	-	-	147.7	152.8	153.3	-	-	
Poured concrete structure contractors.....	23811	136.1	142.9	139.9	-	-	202.4	216.7	213.0	-	-	
Steel and precast concrete contractors.....	23812	91.3	93.8	96.6	-	-	122.2	116.4	123.5	-	-	
Framing contractors.....	23813	74.8	69.5	64.9	-	-	92.0	92.5	86.3	-	-	
Masonry contractors.....	23814	72.4	75.8	72.5	-	-	101.2	105.4	101.4	-	-	
Glass and glazing contractors.....	23815	134.1	127.5	126.7	-	-	180.2	184.8	184.1	-	-	
Roofing contractors.....	23816	132.6	129.8	132.0	-	-	194.4	193.3	202.4	-	-	
Siding contractors.....	23817	120.5	128.4	133.7	-	-	201.6	231.4	245.4	-	-	
Other building exterior contractors.....	23819	118.9	136.7	144.0	-	-	157.2	187.1	201.9	-	-	
Building equipment contractors.....	2382	116.8	120.9	122.7	-	-	162.2	170.6	174.1	-	-	
Electrical contractors.....	23821	102.8	106.4	108.5	-	-	145.6	152.2	156.0	-	-	
Plumbing and HVAC contractors.....	23822	129.9	136.3	136.3	-	-	178.3	192.1	192.7	-	-	
Other building equipment contractors.....	23829	134.5	128.5	139.9	-	-	182.1	174.2	191.0	-	-	
Building finishing contractors.....	2383	98.8	100.9	101.3	-	-	142.0	149.0	152.2	-	-	
Drywall and insulation contractors.....	23831	80.5	85.2	85.2	-	-	119.1	128.5	129.7	-	-	
Painting and wall covering contractors.....	23832	105.7	103.7	103.9	-	-	138.4	148.1	153.5	-	-	
Flooring contractors.....	23833	106.6	109.5	110.5	-	-	164.0	153.9	161.2	-	-	
Tile and terrazzo contractors.....	23834	123.4	124.2	119.1	-	-	215.1	209.6	199.3	-	-	
Finish carpentry contractors.....	23835	111.6	116.0	117.5	-	-	160.1	176.7	183.2	-	-	
Other building finishing contractors.....	23839	117.9	117.8	121.4	-	-	173.5	168.2	172.2	-	-	
Other specialty trade contractors.....	2389	131.7	139.8	139.5	-	-	190.2	206.7	208.2	-	-	
Site preparation contractors.....	23891	129.3	140.3	139.6	-	-	185.9	209.2	208.5	-	-	
All other specialty trade contractors.....	23899	134.6	139.5	139.7	-	-	195.5	204.2	208.3	-	-	

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Manufacturing.....		85.2	86.9	86.5	87.2	0.8	116.2	121.5	121.1	122.1	0.8
Durable goods.....		85.1	88.1	86.7	87.7	1.2	116.4	122.9	121.3	122.9	1.3
Wood products.....	321	74.1	75.5	74.9	75.8	1.2	105.5	109.0	109.3	109.9	0.5
Sawmills and wood preservation.....	3211	78.2	76.9	75.6	-	-	105.8	106.7	105.3	-	-
Plywood and engineered wood products.....	3212	66.6	68.3	70.5	-	-	98.6	102.7	108.2	-	-
Other wood products.....	3219	75.1	77.6	76.3	-	-	108.1	112.7	111.7	-	-
Millwork.....	32191	69.4	71.9	71.5	-	-	98.3	102.4	103.4	-	-
Wood windows and doors.....	321911	68.7	73.3	74.8	-	-	104.4	111.9	114.5	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	70.0	70.7	68.5	-	-	92.7	93.7	93.0	-	-
Wood containers and pallets.....	32192	104.2	104.9	100.7	-	-	162.3	167.0	161.5	-	-
All other wood products.....	32199	65.2	68.7	67.9	-	-	93.9	99.2	97.8	-	-
Nonmetallic mineral products.....	327	80.5	86.7	86.3	86.8	0.6	106.7	120.5	120.4	121.2	0.7
Cement and concrete products.....	3273	92.0	98.0	94.7	-	-	122.2	137.8	132.5	-	-
Ready-mix concrete.....	32732	88.4	100.2	96.4	-	-	120.9	148.1	141.4	-	-
Other cement and concrete products.....	32731,3,9	96.1	95.6	92.6	-	-	123.9	123.7	119.9	-	-
Primary metals.....	331	75.2	79.0	78.3	78.1	-0.3	97.9	104.8	104.2	103.6	-0.6
Foundries.....	3315	63.1	66.2	64.4	-	-	80.0	88.3	85.1	-	-
Fabricated metal products.....	332	96.4	100.9	99.5	100.1	0.6	132.5	140.3	138.9	140.0	0.8
Forging and stamping.....	3321	93.2	100.1	96.3	-	-	124.2	132.9	129.3	-	-
Architectural and structural metals.....	3323	96.3	100.1	100.7	-	-	132.2	137.8	140.1	-	-
Plate work and fabricated structural products...	33231	93.1	98.9	99.0	-	-	130.6	137.1	139.3	-	-
Fabricated structural metal products.....	332312	96.4	102.1	104.9	-	-	137.0	138.6	145.3	-	-
Ornamental and architectural metal products...	33232	99.0	101.2	101.9	-	-	133.8	138.7	140.5	-	-
Sheet metal work.....	332322	116.0	120.7	120.5	-	-	153.2	161.3	161.2	-	-
Boilers, tanks, and shipping containers.....	3324	100.9	104.2	99.5	-	-	136.6	140.4	134.4	-	-
Machine shops and threaded products.....	3327	119.1	125.8	124.4	-	-	161.6	175.7	174.1	-	-
Machine shops.....	33271	130.6	138.8	137.4	-	-	176.9	193.9	192.3	-	-
Turned products and screws, nuts, and bolts...	33272	90.2	92.8	91.1	-	-	121.7	127.8	125.8	-	-
Coating, engraving, and heat treating metals....	3328	97.4	103.0	101.1	-	-	133.3	142.5	141.1	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	118.6	123.5	121.3	-	-	150.3	167.2	165.9	-	-
Electroplating, anodizing, and coloring metals..	332813	79.6	85.7	84.4	-	-	118.5	121.1	119.7	-	-
Other fabricated metal products.....	3329	97.7	97.8	96.7	-	-	137.3	138.5	136.4	-	-
Metal valves.....	33291	86.6	84.6	84.5	-	-	124.1	128.2	126.3	-	-
All other fabricated metal products.....	33299	103.6	104.9	103.3	-	-	144.2	144.0	141.9	-	-
Machinery.....	333	92.6	97.5	97.0	96.3	-0.7	131.6	139.9	139.8	139.6	-0.1
Agricultural, construction, and mining machinery.....	3331	117.3	136.3	133.9	-	-	181.9	208.9	209.9	-	-
Farm machinery and equipment.....	333111	85.7	94.7	95.2	-	-	130.0	140.7	145.2	-	-
Industrial machinery.....	3332	91.1	88.8	88.3	-	-	126.5	130.4	130.3	-	-
Commercial and service industry machinery.....	3333	75.5	81.2	78.7	-	-	113.0	122.0	120.1	-	-
HVAC and commercial refrigeration equipment..	3334	85.1	85.8	88.1	-	-	120.4	125.2	127.1	-	-
Metalworking machinery.....	3335	85.2	88.4	87.4	-	-	113.4	118.1	117.6	-	-
Special tools, dies, jigs, and fixtures.....	333514	75.1	76.7	76.5	-	-	101.2	106.8	105.6	-	-
Turbine and power transmission equipment.....	3336	79.4	79.9	78.3	-	-	106.2	110.9	108.7	-	-
Other general purpose machinery.....	3339	98.7	101.0	101.7	-	-	142.9	145.9	145.8	-	-
Computer and electronic products.....	334	83.7	86.1	85.8	85.7	-0.1	126.9	132.3	132.8	133.7	0.7
Communications equipment.....	3342	61.8	59.2	58.6	-	-	79.3	77.7	76.4	-	-
Semiconductors and electronic components.....	3344	70.0	72.4	71.1	-	-	100.8	104.1	102.0	-	-
Semiconductors and related devices.....	334413	73.0	75.6	74.9	-	-	119.4	119.6	118.3	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	62.7	66.5	66.1	-	-	87.9	99.1	97.6	-	-
Electronic instruments.....	3345	127.8	130.4	131.9	-	-	215.7	223.3	228.4	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Electrical equipment and appliances.....	335	77.6	79.8	79.9	80.4	0.6	109.4	117.9	118.6	119.5	0.8
Electrical equipment.....	3353	79.0	83.4	83.4	-	-	112.4	121.5	121.9	-	-
Other electrical equipment and components.....	3359	90.9	94.9	96.1	-	-	129.8	142.1	143.6	-	-
Transportation equipment.....	336	90.0	93.2	89.1	92.2	3.5	110.6	117.5	112.6	116.5	3.5
Motor vehicles and parts ⁴	3361,2,3	82.7	85.6	79.9	83.3	4.3	84.8	91.0	84.1	88.2	4.9
Motor vehicles.....	3361	77.6	80.8	72.6	-	-	81.8	87.8	78.8	-	-
Motor vehicle bodies and trailers.....	3362	107.9	121.9	121.8	-	-	126.2	146.2	148.1	-	-
Motor vehicle parts.....	3363	79.8	80.5	74.8	-	-	80.1	84.4	77.3	-	-
Motor vehicle gasoline engine and parts.....	33631	71.2	69.0	63.0	-	-	79.0	75.7	68.1	-	-
Motor vehicle power train components.....	33635	72.6	70.5	62.5	-	-	71.1	69.6	58.9	-	-
Motor vehicle metal stamping.....	33637	93.8	94.7	88.6	-	-	90.4	97.0	90.8	-	-
All other motor vehicle parts.....	33639	96.6	97.1	90.8	-	-	108.6	111.4	104.5	-	-
Aerospace products and parts.....	3364	123.3	129.0	129.4	-	-	208.9	221.0	221.0	-	-
Aircraft.....	336411	115.2	127.5	127.0	-	-	183.2	205.6	204.2	-	-
Furniture and related products.....	337	62.5	61.7	62.3	62.4	0.2	87.0	87.1	88.0	89.1	1.3
Household and institutional furniture.....	3371	59.8	59.7	60.4	-	-	84.6	84.6	86.0	-	-
Wood kitchen cabinets and countertops.....	33711	78.9	80.9	81.4	-	-	111.7	113.0	114.3	-	-
Other household and institutional furniture.....	33712	48.7	47.4	48.1	-	-	67.7	66.8	68.1	-	-
Upholstered household furniture.....	337121	66.2	64.6	64.7	-	-	89.0	88.4	87.6	-	-
Miscellaneous durable goods manufacturing.....	339	83.5	82.8	81.2	82.3	1.4	124.3	122.0	120.2	121.5	1.1
Medical equipment and supplies.....	3391	102.9	101.9	100.2	-	-	156.6	153.3	152.0	-	-
Surgical appliances and supplies.....	339113	110.3	112.2	112.8	-	-	147.7	151.8	152.1	-	-
Dental laboratories.....	339116	78.8	76.0	75.2	-	-	121.1	118.4	120.7	-	-
Other miscellaneous durable goods manufacturing.....	3399	69.4	68.8	67.5	-	-	98.4	96.6	94.7	-	-
Signs.....	33995	98.0	98.6	95.6	-	-	131.5	134.2	132.9	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	69.1	70.4	67.4	-	-	101.9	104.2	98.7	-	-
Nondurable goods.....		85.1	84.9	85.7	86.5	0.9	115.7	118.8	120.2	120.9	0.6
Food manufacturing.....	311	115.2	113.6	116.3	119.9	3.1	153.5	156.8	160.7	165.5	3.0
Sugar and confectionery products.....	3113	84.8	76.3	73.6	-	-	98.7	104.5	101.5	-	-
Fruit and vegetable preserving and specialty.....	3114	135.0	101.1	118.5	-	-	159.6	134.8	154.9	-	-
Frozen food.....	31141	120.6	104.7	116.6	-	-	156.0	135.8	153.2	-	-
Fruit and vegetable canning and drying.....	31142	150.7	97.0	120.5	-	-	163.1	133.6	156.5	-	-
Dairy products.....	3115	110.5	114.7	113.0	-	-	158.1	164.0	163.7	-	-
Animal slaughtering and processing.....	3116	107.0	107.0	107.5	-	-	146.6	148.3	150.2	-	-
Poultry processing.....	311615	105.8	107.2	107.7	-	-	142.2	145.8	147.0	-	-
Seafood product preparation and packaging.....	3117	146.1	141.0	179.5	-	-	202.0	185.2	231.5	-	-
Bakeries and tortilla manufacturing.....	3118	103.7	108.7	106.8	-	-	141.5	150.6	149.0	-	-
Textile mills.....	313	35.9	37.8	36.3	37.3	2.8	49.1	53.1	51.6	52.4	1.6
Textile product mills.....	314	53.5	51.7	51.2	51.5	0.6	73.8	71.9	72.4	71.9	-0.7
Apparel.....	315	30.3	29.8	30.6	30.3	-1.0	48.7	51.0	51.8	50.2	-3.1
Paper and paper products.....	322	67.6	69.5	68.8	69.1	0.4	87.2	89.9	89.5	89.5	0.0
Pulp, paper, and paperboard mills.....	3221	62.3	63.0	62.9	-	-	77.3	76.0	76.3	-	-
Converted paper products.....	3222	70.0	72.5	71.5	-	-	94.0	99.6	98.7	-	-
Paperboard containers.....	32221	74.2	77.9	76.4	-	-	97.4	105.5	104.6	-	-
Corrugated and solid fiber boxes.....	322211	74.9	80.0	78.1	-	-	97.5	106.3	104.1	-	-
Paper bags and coated and treated paper.....	32222	66.1	65.2	64.8	-	-	85.0	84.5	84.1	-	-
Printing and related support activities.....	323	64.7	62.3	62.2	61.7	-0.8	80.5	77.8	77.7	77.2	-0.6
Petroleum and coal products.....	324	112.0	103.4	107.4	106.3	-1.0	196.6	175.6	183.3	177.3	-3.3
Chemicals.....	325	97.5	102.8	103.9	102.5	-1.3	131.8	144.0	145.3	143.1	-1.5
Basic chemicals.....	3251	79.2	81.7	83.4	-	-	106.0	107.7	110.4	-	-
Resin, rubber, and artificial fibers.....	3252	78.8	80.2	79.7	-	-	113.7	121.1	122.9	-	-
Pharmaceuticals and medicines.....	3254	137.2	148.7	150.2	-	-	199.2	223.8	227.0	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Percent change from: July 2018 - Aug. 2018 ^P	Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Aug. 2017		June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	
Soaps, cleaning compounds, and toiletries.....	3256	88.1	95.2	93.7	-	-	114.6	130.6	128.6	-	-	
Plastics and rubber products.....	326	86.5	85.4	85.6	85.6	0.0	112.3	116.1	117.5	118.7	1.0	
Plastics products.....	3261	90.2	88.8	89.2	-	-	123.4	126.5	128.0	-	-	
Plastics packaging materials, film, and sheet. . .	32611	104.5	106.7	104.2	-	-	134.9	150.4	150.0	-	-	
Foam products.....	32614,5	118.0	110.8	108.6	-	-	160.8	156.8	154.9	-	-	
Other plastics products.....	32619	82.9	80.8	82.4	-	-	117.7	117.0	119.4	-	-	
Rubber products.....	3262	73.9	73.5	72.9	-	-	81.4	86.8	87.9	-	-	
Miscellaneous nondurable goods manufacturing. . .	312,6	103.4	103.9	102.3	100.8	-1.5	127.2	129.8	128.5	125.2	-2.6	
Private service-providing.....		122.6	125.0	126.5	125.0	-1.2	182.0	190.1	193.8	190.8	-1.5	
Trade, transportation, and utilities.....		109.7	112.1	112.6	111.8	-0.7	150.8	158.5	160.5	158.4	-1.3	
Wholesale trade.....	42	109.0	110.7	111.5	110.8	-0.6	157.6	163.8	166.6	163.8	-1.7	
Durable goods.....	423	103.0	105.6	106.0	-	-	144.6	151.8	153.8	-	-	
Motor vehicles and parts.....	4231	102.2	100.4	100.5	-	-	134.5	138.5	137.8	-	-	
Motor vehicles.....	42311	101.4	104.4	104.3	-	-	135.5	154.5	156.8	-	-	
New motor vehicle parts.....	42312	97.7	93.9	93.4	-	-	125.7	124.5	122.0	-	-	
Furniture and furnishings.....	4232	96.9	102.0	102.8	-	-	133.6	142.2	146.3	-	-	
Lumber and construction supplies.....	4233	104.2	106.3	105.9	-	-	154.1	163.2	164.3	-	-	
Lumber and wood.....	42331	88.9	91.0	90.7	-	-	135.1	144.7	146.3	-	-	
Commercial equipment.....	4234	94.1	96.1	97.2	-	-	131.5	133.2	137.7	-	-	
Office equipment.....	42342	68.7	68.5	69.8	-	-	101.2	96.5	100.2	-	-	
Computer and software.....	42343	79.2	81.3	83.1	-	-	104.2	106.4	110.0	-	-	
Medical equipment.....	42345	132.9	130.9	132.8	-	-	205.1	203.2	211.8	-	-	
Miscellaneous professional and commercial equipment.....	42341,4,6,9	109.2	118.4	116.6	-	-	168.7	180.8	184.4	-	-	
Metals and minerals.....	4235	104.9	107.5	106.2	-	-	141.3	151.5	153.2	-	-	
Electric goods.....	4236	96.3	96.3	97.4	-	-	135.7	137.7	141.1	-	-	
Electrical equipment and wiring.....	42361	107.5	105.9	108.1	-	-	150.5	142.4	145.7	-	-	
Electric appliances and other electronic parts.....	42362,9	86.6	88.1	88.2	-	-	123.7	133.9	137.1	-	-	
Hardware and plumbing.....	4237	115.0	120.2	122.2	-	-	172.3	187.8	188.0	-	-	
Hardware.....	42371	111.2	115.4	117.5	-	-	171.7	182.5	184.5	-	-	
Plumbing equipment.....	42372	119.1	127.7	128.7	-	-	188.6	217.8	215.2	-	-	
HVAC and refrigeration equipment.....	42373,4	113.8	116.4	119.1	-	-	156.3	162.9	163.6	-	-	
Machinery and supplies.....	4238	105.8	110.3	110.7	-	-	152.4	165.0	165.6	-	-	
Construction equipment.....	42381	113.4	123.0	121.4	-	-	161.3	185.4	179.9	-	-	
Farm and garden equipment.....	42382	108.9	110.3	111.5	-	-	176.8	186.7	190.3	-	-	
Industrial machinery.....	42383	99.3	102.7	103.3	-	-	141.7	149.1	149.1	-	-	
Industrial supplies.....	42384	129.4	135.1	133.1	-	-	192.0	212.8	212.1	-	-	
Miscellaneous durable goods.....	4239	118.1	124.0	123.5	-	-	170.5	184.7	186.6	-	-	
Sporting goods.....	42391	113.5	118.1	119.0	-	-	164.2	182.8	189.7	-	-	
Recyclable materials.....	42393	122.9	131.1	130.3	-	-	169.2	190.2	190.8	-	-	
Nondurable goods.....	424	106.0	105.7	106.4	-	-	150.5	155.5	157.4	-	-	
Paper and paper products.....	4241	85.4	82.2	85.2	-	-	118.7	127.3	127.1	-	-	
Druggists' goods.....	4242	91.7	91.3	95.8	-	-	134.9	143.0	155.0	-	-	
Apparel and piece goods.....	4243	101.5	94.4	95.1	-	-	141.7	135.3	136.7	-	-	
Grocery and related products.....	4244	114.7	114.8	115.3	-	-	159.1	161.5	163.1	-	-	
General line grocery.....	42441	110.6	110.2	111.6	-	-	151.1	145.9	148.3	-	-	
Fruits and vegetables.....	42448	146.3	148.9	150.1	-	-	202.2	213.6	214.4	-	-	
Farm product raw materials.....	4245	100.6	108.6	106.1	-	-	157.0	171.6	168.1	-	-	
Chemicals.....	4246	103.6	112.4	111.9	-	-	145.6	163.2	164.1	-	-	
Petroleum.....	4247	106.0	96.0	96.1	-	-	166.6	142.5	144.1	-	-	
Alcoholic beverages.....	4248	152.4	153.1	156.9	-	-	203.2	219.5	219.8	-	-	
Misc. nondurable goods.....	4249	91.6	92.1	90.6	-	-	134.1	142.0	140.9	-	-	
Farm supplies.....	42491	110.5	119.1	117.9	-	-	164.5	188.2	185.5	-	-	

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Nursery stock and florists' supplies.....	42493	74.5	75.6	71.9	-	-	108.1	108.6	102.5	-	-
Electronic markets and agents and brokers.....	425	152.0	153.2	157.9	-	-	236.4	237.0	247.7	-	-
Retail trade.....		104.2	105.9	107.0	106.3	-0.7	136.3	144.0	146.5	144.6	-1.3
Motor vehicle and parts dealers.....	441	114.0	115.5	117.5	-	-	139.1	147.4	151.6	-	-
Automobile dealers.....	4411	113.3	114.7	116.7	-	-	132.6	140.6	145.1	-	-
New car dealers.....	44111	107.4	109.3	110.5	-	-	125.8	134.0	137.8	-	-
Used car dealers.....	44112	188.9	184.7	196.3	-	-	251.0	258.8	272.2	-	-
Other motor vehicle dealers.....	4412	120.5	120.8	120.9	-	-	172.0	180.4	182.4	-	-
Auto parts, accessories, and tire stores.....	4413	113.2	115.4	118.2	-	-	152.8	162.1	166.4	-	-
Automotive parts and accessories stores.....	44131	108.0	111.0	113.0	-	-	150.8	164.0	167.8	-	-
Tire dealers.....	44132	123.8	124.5	128.3	-	-	156.5	158.8	163.6	-	-
Furniture and home furnishings stores.....	442	88.0	90.1	91.5	-	-	122.8	128.7	133.2	-	-
Furniture stores.....	4421	87.2	91.5	92.4	-	-	119.2	127.0	131.6	-	-
Home furnishings stores.....	4422	89.0	88.8	90.7	-	-	127.6	131.5	136.0	-	-
Floor covering stores.....	44221	78.5	77.7	77.6	-	-	112.8	113.9	116.7	-	-
Other home furnishings stores.....	44229	97.7	97.7	101.1	-	-	144.5	151.0	157.1	-	-
Electronics and appliance stores.....	443	98.1	97.9	98.9	-	-	137.9	142.6	145.4	-	-
Household appliance stores.....	443141	61.4	65.3	66.3	-	-	80.5	92.7	98.6	-	-
Electronics stores.....	443142	105.1	104.1	105.1	-	-	146.6	150.3	152.5	-	-
Building material and garden supply stores.....	444	100.5	111.2	107.4	-	-	133.4	149.0	145.3	-	-
Building material and supplies dealers.....	4441	98.9	108.1	105.2	-	-	130.7	144.1	141.8	-	-
Home centers.....	44411	111.0	125.9	119.9	-	-	142.8	166.2	158.7	-	-
Hardware stores.....	44413	90.5	93.3	93.1	-	-	123.3	130.1	129.8	-	-
Lawn and garden equipment and supplies stores... ..	4442	113.6	133.8	124.7	-	-	156.4	187.5	174.3	-	-
Food and beverage stores.....	445	95.0	97.0	98.5	-	-	116.2	122.1	124.3	-	-
Grocery stores.....	4451	96.4	97.8	99.2	-	-	118.3	123.3	125.4	-	-
Supermarkets and other grocery stores.....	44511	95.4	96.9	98.2	-	-	116.9	122.2	124.2	-	-
Convenience stores.....	44512	116.0	114.6	118.0	-	-	152.4	148.7	153.5	-	-
Specialty food stores.....	4452	76.9	83.2	85.7	-	-	92.6	103.2	106.4	-	-
Meat markets and fish and seafood markets.....	44521,2	100.7	102.1	106.9	-	-	131.2	130.1	134.6	-	-
Beer, wine, and liquor stores.....	4453	103.8	108.8	112.2	-	-	120.3	134.6	137.0	-	-
Health and personal care stores.....	446	104.8	105.6	106.3	-	-	152.4	158.4	162.9	-	-
Pharmacies and drug stores.....	44611	97.8	95.9	96.8	-	-	151.4	152.6	156.2	-	-
Cosmetic and beauty supply stores.....	44612	137.5	151.4	155.1	-	-	167.8	195.3	211.9	-	-
Optical goods stores.....	44613	128.4	137.1	138.6	-	-	172.5	189.0	191.5	-	-
Other health and personal care stores.....	44619	104.2	105.8	104.8	-	-	133.3	146.0	150.5	-	-
Gasoline stations.....	447	104.7	106.9	108.1	-	-	140.3	144.8	146.8	-	-
Gasoline stations with convenience stores.....	44711	109.8	111.5	113.2	-	-	148.3	152.1	154.8	-	-
Other gasoline stations.....	44719	79.0	82.1	82.2	-	-	105.3	110.9	111.8	-	-
Clothing and clothing accessories stores.....	448	95.6	91.0	93.4	-	-	126.3	130.5	134.0	-	-
Clothing stores.....	4481	96.7	91.9	94.1	-	-	124.0	126.2	129.7	-	-
Women's clothing stores.....	44812	115.2	108.0	106.2	-	-	142.7	133.2	133.0	-	-
Family clothing stores.....	44814	89.0	82.6	87.2	-	-	109.2	113.6	118.8	-	-
Clothing accessories stores.....	44815	135.8	124.7	128.5	-	-	194.3	192.6	195.7	-	-
Shoe stores.....	4482	116.6	109.1	112.7	-	-	181.4	187.3	191.6	-	-
Jewelry, luggage, and leather goods stores.....	4483	74.9	71.9	73.1	-	-	102.5	111.7	114.3	-	-
Sporting goods, hobby, book, and music stores.....	451	99.7	102.4	97.2	-	-	144.6	151.8	142.9	-	-
Sporting goods and musical instrument stores.....	4511	117.1	123.5	116.2	-	-	165.6	178.0	166.1	-	-
Sporting goods stores.....	45111	146.1	153.1	154.4	-	-	198.3	212.6	212.1	-	-
Book stores and news dealers.....	4512	46.3	37.6	38.6	-	-	71.2	60.6	61.6	-	-
General merchandise stores.....	452	119.2	119.9	122.0	-	-	155.9	168.5	172.3	-	-
Miscellaneous store retailers.....	453	84.8	85.0	85.7	-	-	107.9	110.3	112.0	-	-
Florists.....	4531	41.1	45.6	42.9	-	-	54.8	64.3	62.3	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Office supplies, stationery, and gift stores.....	4532	53.7	49.1	51.3	-	-	66.9	62.4	64.4	-	-
Office supplies and stationery stores.....	45321	54.6	46.6	47.8	-	-	63.6	54.7	55.5	-	-
Gift, novelty, and souvenir stores.....	45322	52.9	51.8	54.8	-	-	71.8	74.3	77.8	-	-
Used merchandise stores.....	4533	173.7	174.7	176.0	-	-	255.5	257.8	259.8	-	-
Other miscellaneous store retailers.....	4539	117.4	122.4	122.4	-	-	147.4	157.2	160.1	-	-
Pet and pet supplies stores.....	45391	174.9	184.9	184.5	-	-	239.0	258.3	263.0	-	-
Nonstore retailers.....	454	124.4	126.0	125.1	-	-	177.5	176.3	176.4	-	-
Electronic shopping and mail-order houses.....	4541	163.4	165.2	164.0	-	-	224.9	218.0	219.7	-	-
Transportation and warehousing.....		128.6	133.8	133.5	133.1	-0.3	174.6	185.2	186.4	185.3	-0.6
Air transportation.....	481	74.3	74.3	78.1	-	-	157.0	159.7	170.6	-	-
Truck transportation.....	484	120.1	122.5	122.8	-	-	165.1	171.5	172.6	-	-
General freight trucking.....	4841	115.0	117.0	116.9	-	-	155.5	160.0	159.6	-	-
General freight trucking, local.....	48411	113.4	117.7	117.6	-	-	158.0	167.0	166.3	-	-
General freight trucking, long-distance.....	48412	115.6	117.0	116.9	-	-	154.8	158.0	157.8	-	-
General freight trucking, long-distance TL.....	484121	111.6	112.3	111.5	-	-	151.9	152.1	151.6	-	-
General freight trucking, long-distance LTL.....	484122	125.8	128.2	129.9	-	-	161.6	171.0	171.5	-	-
Specialized freight trucking.....	4842	133.2	136.6	137.6	-	-	192.7	204.3	209.7	-	-
Used household and office goods moving.....	48421	96.0	107.9	106.8	-	-	126.8	156.5	155.7	-	-
Other specialized trucking, local.....	48422	143.9	144.7	146.0	-	-	214.6	226.9	233.8	-	-
Other specialized trucking, long-distance.....	48423	146.8	147.2	149.5	-	-	204.4	202.4	209.2	-	-
Transit and ground passenger transportation.....	485	112.9	140.2	121.8	-	-	152.4	196.2	170.3	-	-
School and employee bus transportation.....	4854	72.6	142.5	94.9	-	-	97.9	209.3	134.6	-	-
Other ground passenger transportation.....	4859	194.3	205.1	201.7	-	-	244.2	264.7	262.4	-	-
Pipeline transportation.....	486	129.2	129.2	133.0	-	-	236.5	246.8	254.5	-	-
Support activities for transportation.....	488	133.7	136.8	138.0	-	-	170.0	178.4	181.4	-	-
Support activities for air transportation.....	4881	148.1	150.6	152.4	-	-	168.3	173.5	177.6	-	-
Airport operations.....	48811	152.1	154.7	159.3	-	-	146.5	149.3	157.6	-	-
Support activities for water transportation.....	4883	87.1	91.5	91.5	-	-	134.8	147.1	146.7	-	-
Support activities for road transportation.....	4884	155.4	156.6	158.0	-	-	169.0	175.4	179.8	-	-
Freight transportation arrangement.....	4885	137.4	141.8	143.6	-	-	193.9	202.7	207.4	-	-
Support activities for other transportation, including rail.....	4882,9	141.3	138.7	138.6	-	-	208.7	210.4	211.7	-	-
Couriers and messengers.....	492	162.4	168.5	170.5	-	-	197.5	215.2	218.9	-	-
Warehousing and storage.....	493	208.6	217.8	218.5	-	-	240.3	261.5	262.3	-	-
General warehousing and storage.....	49311	223.7	232.5	232.7	-	-	258.1	279.1	278.9	-	-
Utilities.....	22	96.2	97.2	96.8	96.3	-0.5	143.1	147.5	147.8	147.4	-0.3
Power generation and supply.....	2211	94.8	96.8	96.3	-	-	148.5	150.6	150.6	-	-
Electric power generation.....	22111	59.5	60.5	59.6	-	-	94.8	92.8	92.7	-	-
Fossil fuel electric power generation.....	221112	66.1	68.1	68.1	-	-	110.2	112.5	114.1	-	-
Electric power transmission and distribution.....	22112	150.6	154.1	153.9	-	-	243.5	252.7	252.5	-	-
Natural gas distribution.....	2212	92.7	91.7	91.5	-	-	121.0	136.7	138.6	-	-
Water, sewage and other systems.....	2213	119.8	118.0	119.2	-	-	152.6	147.5	147.9	-	-
Information.....	51	91.6	90.7	93.0	90.4	-2.8	138.6	140.9	145.9	142.4	-2.4
Publishing industries, except Internet.....	511	98.8	99.2	101.1	-	-	154.0	156.7	163.4	-	-
Newspaper, book, and directory publishers.....	5111	73.1	70.7	69.6	-	-	109.8	106.8	105.9	-	-
Newspaper publishers.....	51111	66.1	61.2	61.0	-	-	87.7	78.2	79.0	-	-
Periodical publishers.....	51112	87.8	89.6	87.5	-	-	143.5	149.2	148.4	-	-
Software publishers.....	5112	141.0	145.6	153.1	-	-	190.7	197.8	211.5	-	-
Motion picture and sound recording industries.....	512	92.0	90.0	96.4	-	-	107.1	102.1	105.6	-	-
Broadcasting, except Internet.....	515	82.1	82.2	81.6	-	-	124.2	129.9	131.4	-	-
Radio broadcasting.....	51511	84.2	87.3	85.8	-	-	134.8	147.9	148.3	-	-
Telecommunications.....	517	71.3	68.9	69.1	-	-	104.2	107.0	108.3	-	-
Wired and wireless telecommunications carriers.....	5173	77.3	74.8	74.5	-	-	113.6	117.0	117.6	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Data processing, hosting and related services.....	518	115.9	116.6	120.1	-	-	206.4	206.5	213.7	-	-
Other information services.....	519	243.1	248.6	270.2	-	-	379.3	390.3	431.6	-	-
Financial activities.....		115.0	116.1	118.9	116.6	-1.9	187.5	190.6	196.5	191.8	-2.4
Credit intermediation and related activities.....	522	108.1	108.7	111.9	-	-	175.9	180.0	185.8	-	-
Depository credit intermediation.....	5221	105.2	107.6	111.0	-	-	174.0	183.9	190.9	-	-
Commercial banking.....	52211	111.4	114.1	117.9	-	-	188.0	199.2	206.5	-	-
Savings institutions.....	52212	50.0	50.3	51.0	-	-	75.2	79.0	81.8	-	-
Credit unions and other depository credit intermediation.....	52213,9	129.5	132.3	135.2	-	-	208.0	218.8	226.7	-	-
Nondepository credit intermediation.....	5222	101.2	102.0	103.6	-	-	155.6	161.4	163.2	-	-
Consumer lending.....	522291	108.5	106.9	108.2	-	-	138.1	143.7	147.0	-	-
Real estate credit.....	522292	98.2	98.8	101.5	-	-	141.7	146.2	145.4	-	-
Activities related to credit intermediation.....	5223	148.9	137.2	144.5	-	-	252.7	218.1	232.0	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	131.1	126.7	133.5	-	-	235.7	227.8	240.4	-	-
Securities brokerage.....	52312	109.8	103.2	108.0	-	-	188.1	182.2	190.7	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	105.1	97.0	104.1	-	-	195.8	175.8	187.1	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	174.8	176.6	182.7	-	-	300.4	312.4	327.1	-	-
Portfolio management.....	52392	171.5	171.9	174.5	-	-	303.3	323.7	329.4	-	-
Investment advice.....	52393	220.9	227.1	241.0	-	-	362.7	383.3	419.5	-	-
Insurance carriers and related activities.....	524	117.7	117.9	119.7	-	-	180.2	182.4	186.9	-	-
Insurance carriers.....	5241	105.1	105.0	106.1	-	-	163.4	163.7	167.1	-	-
Direct life and health insurance carriers.....	52411	110.5	112.7	113.2	-	-	178.5	183.3	186.9	-	-
Direct insurers, except life and health.....	52412	99.7	97.7	98.8	-	-	146.3	143.9	146.2	-	-
Reinsurance carriers.....	52413	93.2	91.6	95.0	-	-	229.2	207.3	215.7	-	-
Insurance agencies, brokerages, and related services.....	5242	142.5	143.8	147.2	-	-	217.2	224.0	230.9	-	-
Insurance agencies and brokerages.....	52421	140.3	142.0	144.9	-	-	208.9	218.3	224.6	-	-
Other insurance-related activities.....	52429	147.5	148.4	152.9	-	-	235.5	237.4	245.7	-	-
Third-party administration of insurance funds.....	524292	140.5	144.2	149.4	-	-	225.8	235.3	247.3	-	-
Real estate.....	531	122.9	126.6	129.0	-	-	201.7	211.6	215.5	-	-
Lessors of real estate.....	5311	96.1	99.7	101.1	-	-	155.6	167.2	171.0	-	-
Lessors of residential buildings.....	53111	93.1	94.0	93.9	-	-	146.0	150.1	150.6	-	-
Lessors of nonresidential buildings.....	53112	86.9	96.6	99.6	-	-	163.3	193.8	202.7	-	-
Offices of real estate agents and brokers.....	5312	113.2	116.7	118.0	-	-	195.6	209.5	211.6	-	-
Activities related to real estate.....	5313	167.5	171.2	176.3	-	-	261.7	266.7	272.7	-	-
Real estate property managers.....	53131	169.5	173.2	179.0	-	-	264.2	269.4	277.7	-	-
Residential property managers.....	531311	180.1	186.8	191.7	-	-	275.5	290.6	298.5	-	-
Nonresidential property managers.....	531312	145.4	142.4	149.6	-	-	243.8	231.3	239.2	-	-
Rental and leasing services.....	532	99.4	106.7	109.7	-	-	157.8	172.3	180.8	-	-
Home health equipment rental.....	532283	122.8	117.9	117.3	-	-	126.2	128.9	130.5	-	-
General rental centers.....	5323	64.4	66.5	61.3	-	-	64.5	68.4	63.9	-	-
Machinery and equipment rental and leasing.....	5324	154.8	181.1	185.6	-	-	259.5	307.9	323.4	-	-
Heavy machinery rental and leasing.....	53241	149.2	182.1	185.8	-	-	282.9	344.0	358.1	-	-
Office equipment and other machinery rental and leasing.....	53242,9	163.1	180.1	186.0	-	-	228.0	259.5	277.0	-	-
Professional and business services.....		134.3	137.1	138.7	137.6	-0.8	206.0	216.0	221.6	217.3	-1.9
Professional and technical services.....	54	142.5	145.7	149.6	-	-	222.0	233.6	242.8	-	-
Legal services.....	5411	101.7	104.2	107.0	-	-	151.4	164.9	172.0	-	-
Offices of lawyers.....	54111	99.7	102.6	105.3	-	-	148.9	163.0	169.9	-	-
Other legal services.....	54119	131.4	129.1	133.5	-	-	212.4	212.1	221.0	-	-
Title abstract and settlement offices.....	541191	114.9	113.5	116.8	-	-	161.3	166.1	173.7	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Accounting and bookkeeping services.....	5412	109.2	110.0	111.8	-	-	174.7	179.5	185.8	-	-
Offices of certified public accountants.....	541211	122.3	123.8	127.1	-	-	184.2	183.7	193.1	-	-
Payroll services.....	541214	135.2	134.6	135.5	-	-	212.3	228.9	234.7	-	-
Architectural and engineering services.....	5413	117.7	119.3	120.3	-	-	181.6	188.5	191.0	-	-
Architectural services.....	54131	109.1	112.0	114.6	-	-	160.4	171.1	176.6	-	-
Landscape architectural services.....	54132	82.6	87.1	92.9	-	-	128.1	146.4	155.5	-	-
Engineering and drafting services.....	54133,4	122.5	124.2	124.7	-	-	190.6	196.5	197.9	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	98.4	102.9	103.0	-	-	158.0	166.7	169.8	-	-
Testing laboratories.....	54138	121.0	119.2	120.2	-	-	169.8	178.0	182.1	-	-
Specialized design services.....	5414	116.9	117.5	118.9	-	-	202.3	206.7	210.7	-	-
Graphic design services.....	54143	101.5	95.5	95.9	-	-	181.4	176.2	176.7	-	-
Computer systems design and related services.....	5415	183.2	187.2	194.0	-	-	263.6	276.9	291.0	-	-
Custom computer programming services.....	541511	173.1	177.4	185.7	-	-	246.1	259.0	273.8	-	-
Computer systems design services.....	541512	227.2	230.8	238.4	-	-	311.2	324.0	340.6	-	-
Management and technical consulting services.....	5416	236.9	242.0	248.8	-	-	351.7	367.5	381.3	-	-
Management consulting services.....	54161	233.7	242.9	249.9	-	-	341.1	358.0	373.7	-	-
Administrative management consulting services..	541611	261.5	277.4	284.8	-	-	417.3	439.5	454.7	-	-
Marketing consulting services.....	541613	401.1	407.2	420.9	-	-	554.3	584.5	621.9	-	-
Process and logistics consulting services.....	541614	223.9	227.9	233.8	-	-	283.7	276.7	292.6	-	-
Scientific research and development services.....	5417	137.4	143.1	148.8	-	-	228.0	242.8	253.2	-	-
Research and development in the physical, engineering, and life sciences.....	54171	143.7	150.1	155.5	-	-	239.3	255.2	265.6	-	-
Research and development in nanotechnology..	541713	148.0	185.0	188.5	-	-	242.5	323.6	330.7	-	-
Research and development in biotechnology, except nanobiotechnology.....	541714	174.5	181.2	188.5	-	-	275.2	290.7	306.9	-	-
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology.....	541715	133.8	138.5	143.5	-	-	229.0	241.6	250.7	-	-
Social science and humanities research.....	54172	89.1	88.4	97.8	-	-	130.9	134.9	147.2	-	-
Advertising and related services.....	5418	126.9	125.6	129.2	-	-	207.7	208.3	216.6	-	-
Advertising agencies.....	54181	144.5	140.9	150.2	-	-	225.1	218.3	238.1	-	-
Public relations agencies.....	54182	133.6	140.5	141.7	-	-	213.0	236.7	241.7	-	-
Advertising material distribution and other advertising services.....	54187,9	147.3	143.8	150.2	-	-	237.8	233.9	243.6	-	-
Other professional and technical services.....	5419	166.2	173.8	178.6	-	-	279.5	300.7	314.7	-	-
Marketing research and public opinion polling.....	54191	82.4	84.9	89.0	-	-	138.8	145.9	156.4	-	-
Photographic services.....	54192	66.0	59.6	54.8	-	-	108.4	101.0	94.1	-	-
Veterinary services.....	54194	172.8	179.0	184.1	-	-	267.6	276.3	289.3	-	-
Miscellaneous professional and technical services..	54193,9	427.2	466.8	484.6	-	-	764.0	874.8	919.4	-	-
Management of companies and enterprises.....	55	127.1	129.3	131.0	-	-	217.8	225.2	230.8	-	-
Offices of bank holding companies and of other holding companies.....	55111,2	95.8	111.2	111.1	-	-	159.2	189.3	194.2	-	-
Managing offices.....	551114	128.6	130.1	132.1	-	-	221.5	227.2	233.5	-	-
Administrative and waste services.....	56	128.7	131.7	131.2	-	-	179.7	189.0	189.0	-	-
Administrative and support services.....	561	128.7	131.5	130.6	-	-	180.4	189.3	188.5	-	-
Office administrative services.....	5611	192.6	196.3	199.3	-	-	329.4	342.2	353.1	-	-
Facilities support services.....	5612	157.0	150.0	152.2	-	-	176.1	171.6	175.6	-	-
Employment services.....	5613	120.3	121.8	119.8	-	-	161.9	167.3	164.2	-	-
Employment placement agencies and executive search services.....	56131	106.3	114.1	110.5	-	-	174.7	179.6	174.1	-	-
Temporary help services.....	56132	145.3	146.6	144.0	-	-	193.8	201.3	197.0	-	-
Professional employer organizations.....	56133	50.8	51.7	51.7	-	-	67.1	68.4	69.1	-	-
Business support services.....	5614	128.9	128.9	130.5	-	-	186.8	191.4	194.7	-	-
Telephone call centers.....	56142	164.2	164.6	164.0	-	-	250.2	260.2	262.3	-	-
Business service centers.....	56143	92.0	89.5	91.7	-	-	128.4	121.9	124.9	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P
Collection agencies.....	56144	89.4	87.9	89.7	-	-	125.2	126.4	130.6	-	-
Travel arrangement and reservation services.....	5615	91.5	91.5	91.2	-	-	145.5	152.5	152.7	-	-
Travel agencies.....	56151	76.4	72.1	71.3	-	-	99.5	100.0	101.1	-	-
Investigation and security services.....	5616	127.8	130.4	131.1	-	-	189.3	201.8	205.9	-	-
Security and armored car services.....	56161	125.0	126.7	127.0	-	-	181.9	192.1	195.2	-	-
Security systems services.....	56162	147.6	154.3	158.8	-	-	222.8	243.5	253.8	-	-
Services to buildings and dwellings.....	5617	144.2	152.3	150.5	-	-	202.8	222.9	220.3	-	-
Exterminating and pest control services.....	56171	170.1	175.6	180.2	-	-	250.9	260.2	267.0	-	-
Janitorial services.....	56172	126.9	131.0	131.4	-	-	173.7	182.1	185.0	-	-
Landscaping services.....	56173	165.4	178.2	173.6	-	-	232.1	265.0	256.5	-	-
Carpet and upholstery cleaning services.....	56174	97.9	105.9	103.8	-	-	132.2	153.3	150.1	-	-
Other services to buildings and dwellings.....	56179	140.8	153.9	153.4	-	-	174.3	196.3	196.8	-	-
Other support services.....	5619	112.3	117.5	118.1	-	-	148.4	158.8	159.3	-	-
Packaging and labeling services.....	56191	124.5	123.6	127.0	-	-	187.8	188.7	194.5	-	-
Convention and trade show organizers.....	56192	95.7	109.1	102.1	-	-	110.3	121.4	112.2	-	-
All other support services.....	56199	113.2	118.0	120.1	-	-	158.6	171.3	175.7	-	-
Waste management and remediation services.....	562	129.5	136.4	140.2	-	-	172.0	186.8	193.0	-	-
Waste collection.....	5621	166.5	174.6	178.5	-	-	221.1	238.9	242.2	-	-
Waste treatment and disposal.....	5622	87.8	90.3	91.1	-	-	136.4	141.7	143.6	-	-
Remediation and other waste services.....	5629	136.1	147.8	155.2	-	-	166.2	189.4	202.6	-	-
Education and health services.....		137.9	141.3	142.0	141.2	-0.6	209.9	219.5	221.6	220.7	-0.4
Health care and social assistance.....	62	141.7	144.6	145.9	-	-	217.0	226.7	229.8	-	-
Health care ⁵	621,2,3	137.6	140.5	142.1	-	-	215.9	225.6	228.8	-	-
Ambulatory health care services.....	621	159.8	163.6	164.9	-	-	249.8	261.0	262.5	-	-
Offices of physicians.....	6211	138.1	140.6	141.9	-	-	247.8	259.1	258.8	-	-
Offices of physicians, except mental health.....	621111	138.4	140.7	142.0	-	-	249.1	260.2	259.9	-	-
Offices of mental health physicians.....	621112	121.7	134.6	138.8	-	-	182.6	195.5	200.7	-	-
Offices of dentists.....	6212	126.4	125.1	124.3	-	-	181.0	179.7	179.8	-	-
Offices of other health practitioners.....	6213	177.1	184.8	184.4	-	-	256.6	273.3	273.5	-	-
Offices of chiropractors.....	62131	131.2	144.2	141.5	-	-	192.2	206.8	199.7	-	-
Offices of optometrists.....	62132	154.8	158.5	157.3	-	-	230.5	243.0	238.8	-	-
Offices of mental health practitioners.....	62133	134.4	146.3	147.4	-	-	160.4	182.6	181.6	-	-
Offices of specialty therapists.....	62134	197.6	201.1	202.9	-	-	288.2	302.6	309.2	-	-
Offices of all other health practitioners.....	62139	250.1	263.4	258.6	-	-	343.2	365.1	357.6	-	-
Outpatient care centers.....	6214	211.6	223.7	225.6	-	-	326.7	355.0	359.8	-	-
Outpatient mental health centers.....	62142	170.0	179.3	181.1	-	-	225.1	246.7	254.3	-	-
Outpatient care centers, except mental health.....	62141,9	231.1	243.9	246.2	-	-	367.2	397.2	401.5	-	-
Freestanding emergency medical centers.....	621493	242.0	265.5	275.6	-	-	373.6	405.2	421.3	-	-
Miscellaneous outpatient care centers.....	621410,98	231.4	244.9	245.3	-	-	368.4	400.4	398.0	-	-
Medical and diagnostic laboratories.....	6215	158.7	163.3	161.8	-	-	228.9	242.2	244.4	-	-
Medical laboratories.....	621511	161.4	166.9	163.8	-	-	234.8	247.5	247.9	-	-
Diagnostic imaging centers.....	621512	151.4	153.0	156.2	-	-	213.9	228.6	235.4	-	-
Home health care services.....	6216	209.9	215.3	218.1	-	-	281.2	290.1	293.3	-	-
Other ambulatory health care services.....	6219	161.8	161.8	161.2	-	-	258.6	264.2	266.4	-	-
Ambulance services.....	62191	162.9	160.1	158.6	-	-	243.8	254.8	256.7	-	-
All other ambulatory health care services.....	62199	159.8	164.9	164.9	-	-	276.6	276.6	278.2	-	-
Hospitals.....	622	127.8	131.2	131.5	-	-	208.0	218.2	221.2	-	-
General medical and surgical hospitals.....	6221	125.5	128.2	128.4	-	-	205.1	214.0	216.7	-	-
Nursing and residential care facilities.....	623	119.7	120.4	124.4	-	-	164.1	169.1	176.6	-	-
Nursing care facilities.....	6231	102.0	102.8	106.5	-	-	142.6	144.8	151.3	-	-
Residential mental health facilities.....	6232	131.8	134.2	136.4	-	-	182.1	195.2	200.3	-	-
Residential intellectual and developmental disability facilities.....	62321	123.2	123.6	125.5	-	-	163.5	172.9	176.4	-	-

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	2017 NAICS code	Index of aggregate weekly hours ²					Percent change from: July 2018 - Aug. 2018 ^P	Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^P	Aug. 2018 ^P	Aug. 2017		June 2018	July 2018 ^P	Aug. 2018 ^P	Percent change from: July 2018 - Aug. 2018 ^P	
Residential mental health and substance abuse facilities.....	62322	150.8	157.4	160.5	-	-	218.4	238.8	247.1	-	-	
Community care facilities for the elderly.....	6233	168.8	168.6	174.3	-	-	233.5	241.0	252.9	-	-	
Continuing care retirement communities.....	623311	206.4	206.4	211.3	-	-	288.1	297.4	309.2	-	-	
Assisted living facilities for the elderly.....	623312	137.3	137.4	144.0	-	-	182.9	189.4	201.9	-	-	
Other residential care facilities.....	6239	97.5	98.4	103.5	-	-	128.3	135.0	145.5	-	-	
Social assistance.....	624	164.5	168.2	167.8	-	-	224.9	236.8	238.6	-	-	
Individual and family services.....	6241	223.1	227.5	231.5	-	-	295.6	311.2	320.7	-	-	
Child and youth services.....	62411	132.0	135.8	143.0	-	-	189.1	196.5	212.2	-	-	
Services for the elderly and persons with disabilities.....	62412	286.1	291.6	295.6	-	-	388.9	410.2	420.1	-	-	
Other individual and family services.....	62419	141.8	145.2	147.3	-	-	203.3	215.5	220.8	-	-	
Emergency and other relief services.....	6242	136.7	142.0	146.4	-	-	204.7	214.4	225.1	-	-	
Vocational rehabilitation services.....	6243	96.1	96.6	97.5	-	-	130.8	133.8	135.0	-	-	
Child day care services.....	6244	124.0	127.3	120.6	-	-	168.2	178.7	168.6	-	-	
Leisure and hospitality.....		137.7	139.5	142.7	139.8	-2.0	207.9	216.9	222.2	218.8	-1.5	
Arts, entertainment, and recreation.....	71	136.9	136.9	146.7	-	-	185.8	189.7	200.6	-	-	
Performing arts and spectator sports.....	711	133.0	129.0	133.7	-	-	199.3	205.6	209.6	-	-	
Performing arts companies.....	7111	102.9	117.8	120.0	-	-	171.2	222.9	199.9	-	-	
Spectator sports.....	7112	123.3	120.1	125.7	-	-	180.9	172.1	188.0	-	-	
Arts and sports promoters and agents and managers for public figures.....	7113,4	198.5	171.0	175.4	-	-	266.7	261.5	271.4	-	-	
Independent artists, writers, and performers.....	7115	124.8	114.3	123.6	-	-	212.5	187.8	205.0	-	-	
Museums, historical sites, and similar institutions.....	712	149.8	158.1	165.1	-	-	200.2	211.8	220.6	-	-	
Museums.....	71211	128.8	131.8	138.0	-	-	172.2	172.5	182.0	-	-	
Historical sites and other similar institutions.....	71212,3,9	184.2	200.6	208.1	-	-	258.9	293.3	299.6	-	-	
Amusements, gambling, and recreation.....	713	136.6	137.3	148.1	-	-	178.2	180.8	193.7	-	-	
Gambling industries.....	7132	92.8	89.4	91.4	-	-	149.9	147.7	150.7	-	-	
Golf courses and country clubs.....	71391	158.7	164.9	166.8	-	-	212.7	227.1	229.6	-	-	
Skiing facilities.....	71392	94.4	90.2	109.0	-	-	155.0	155.5	188.9	-	-	
Marinas.....	71393	163.3	175.4	189.2	-	-	227.6	230.3	238.1	-	-	
Fitness and recreational sports centers.....	71394	124.7	129.9	136.2	-	-	149.8	153.1	161.4	-	-	
Bowling centers.....	71395	70.8	69.8	70.1	-	-	95.4	94.1	99.0	-	-	
Accommodation and food services.....	72	137.8	139.7	142.4	-	-	213.2	222.8	228.1	-	-	
Accommodation.....	721	124.1	122.6	129.8	-	-	175.6	177.9	188.0	-	-	
Traveler accommodation.....	7211	119.2	118.5	123.4	-	-	170.8	173.4	180.6	-	-	
Hotels and motels, except casino hotels.....	72111	124.4	122.8	128.0	-	-	180.2	182.4	189.7	-	-	
RV parks and recreational camps.....	7212	343.2	309.1	424.0	-	-	393.5	388.9	538.3	-	-	
Food services and drinking places.....	722	140.9	143.9	145.5	-	-	224.7	236.8	240.5	-	-	
Special food services.....	7223	136.0	139.9	140.3	-	-	199.5	213.5	215.1	-	-	
Food service contractors.....	72231	135.9	138.8	140.5	-	-	190.7	206.2	209.2	-	-	
Caterers and mobile food services.....	72232,3	136.8	143.2	139.3	-	-	232.3	239.2	236.0	-	-	
Drinking places, alcoholic beverages.....	7224	103.1	105.0	108.1	-	-	201.3	214.0	217.7	-	-	
Restaurants and other eating places.....	7225	142.8	145.9	147.3	-	-	227.6	240.0	243.2	-	-	
Full-service restaurants.....	722511	137.5	140.8	141.6	-	-	230.7	243.8	246.1	-	-	
Limited-service restaurants.....	722513	145.8	149.4	150.4	-	-	218.5	230.5	233.4	-	-	
Cafeterias, grill buffets, and buffets.....	722514	77.7	76.7	76.5	-	-	103.9	106.7	107.3	-	-	
Snack and nonalcoholic beverage bars.....	722515	227.1	223.9	232.2	-	-	337.8	347.5	362.3	-	-	
Other services.....	81	104.3	106.6	107.4	106.7	-0.7	152.2	158.9	160.4	158.9	-0.9	
Repair and maintenance.....	811	108.8	110.7	110.5	-	-	153.2	162.8	162.0	-	-	
Automotive repair and maintenance.....	8111	106.6	106.1	105.8	-	-	151.4	154.8	154.2	-	-	
Automotive mechanical and electrical repair.....	81111	99.9	100.9	99.6	-	-	140.9	142.4	141.2	-	-	
General automotive repair.....	811111	112.6	114.8	114.0	-	-	158.1	159.7	159.5	-	-	

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		Aug. 2017	June 2018	July 2018 ^p	Aug. 2018 ^p	Percent change from: July 2018 - Aug. 2018 ^p	Aug. 2017	June 2018	July 2018 ^p	Aug. 2018 ^p	Percent change from: July 2018 - Aug. 2018 ^p
Automotive body, interior, and glass repair.....	81112	107.8	104.8	106.1	-	-	158.0	160.6	161.1	-	-
Other automotive repair and maintenance.....	81119	118.6	117.8	118.0	-	-	168.9	179.9	180.2	-	-
Car washes.....	811192	129.6	135.6	136.5	-	-	181.5	206.5	206.8	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	103.0	93.1	92.5	-	-	153.8	148.1	148.9	-	-
Electronic equipment repair and maintenance.....	8112	100.3	100.5	104.0	-	-	133.4	144.8	150.3	-	-
Computer and office machine repair.....	811212	86.9	100.4	102.5	-	-	109.7	130.2	133.2	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	111.7	100.7	105.1	-	-	152.6	156.7	163.7	-	-
Commercial machinery repair and maintenance.....	8113	135.9	147.0	145.5	-	-	192.5	222.9	219.1	-	-
Household goods repair and maintenance.....	8114	88.2	99.4	98.1	-	-	109.0	128.1	123.2	-	-
Personal and laundry services.....	812	108.4	112.5	111.5	-	-	156.0	161.8	161.8	-	-
Personal care services.....	8121	128.0	131.7	130.3	-	-	195.0	195.8	194.7	-	-
Hair, nail, and skin care services.....	81211	116.8	122.0	122.2	-	-	173.2	175.5	177.0	-	-
Other personal care services.....	81219	215.8	205.0	193.9	-	-	380.4	365.4	345.4	-	-
Death care services.....	8122	93.8	93.5	93.5	-	-	137.2	136.8	139.3	-	-
Drycleaning and laundry services.....	8123	80.9	79.9	79.7	-	-	107.8	109.2	110.5	-	-
Coin-operated laundries and drycleaners.....	81231	71.6	65.4	62.2	-	-	82.0	75.7	72.1	-	-
Drycleaning and laundry services, except coin-operated.....	81232	62.4	61.1	59.0	-	-	86.6	87.8	84.5	-	-
Linen and uniform supply.....	81233	107.5	108.5	111.3	-	-	134.7	138.4	145.4	-	-
Other personal services.....	8129	128.2	143.4	141.6	-	-	169.0	193.7	192.4	-	-
Pet care services, except veterinary.....	81291	380.7	400.9	398.3	-	-	414.3	474.7	474.9	-	-
Parking lots and garages.....	81293	123.8	136.0	134.3	-	-	184.4	195.1	194.5	-	-
Membership associations and organizations.....	813	100.4	102.3	104.1	-	-	150.8	156.6	159.4	-	-
Grantmaking and giving services.....	8132	148.4	149.3	156.8	-	-	268.1	283.5	304.2	-	-
Grantmaking foundations.....	813211	273.9	261.8	273.8	-	-	474.2	477.4	513.9	-	-
Social advocacy organizations.....	8133	125.5	130.2	130.3	-	-	215.3	232.7	239.3	-	-
Human rights organizations.....	813311	114.4	110.9	111.6	-	-	179.9	200.9	208.6	-	-
Environment, conservation, and other social advocacy organizations.....	813312,9	129.0	136.0	136.1	-	-	227.5	243.3	250.0	-	-
Civic and social organizations.....	8134	94.5	93.9	103.7	-	-	131.6	134.3	145.8	-	-
Professional and similar organizations.....	8139	99.6	108.6	112.9	-	-	149.3	167.8	172.5	-	-
Business associations.....	81391	98.3	96.6	100.2	-	-	157.4	154.4	161.7	-	-
Professional organizations.....	81392	132.2	154.0	157.0	-	-	203.1	235.9	240.4	-	-
Labor unions and similar labor organizations.....	81393	78.9	91.5	88.3	-	-	118.4	142.1	138.3	-	-
Miscellaneous professional and similar organizations.....	81394,9	105.4	114.2	125.7	-	-	157.2	182.3	198.4	-	-

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

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

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

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

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

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