

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: June 2018 - July 2018 ^P	Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	July 2017		May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	
Total private.....		117.3	117.2	118.8	119.8	0.8	172.8	176.4	178.2	181.2	1.7	
Goods-producing.....		92.7	94.8	96.8	96.8	0.0	132.3	138.3	141.5	142.5	0.7	
Mining and logging.....		124.5	136.5	141.7	140.6	-0.8	200.3	221.7	230.7	230.8	0.0	
Logging.....	1133	77.1	74.8	76.7	-	-	106.4	105.4	110.6	-	-	
Mining.....	21	131.0	144.9	150.6	-	-	211.1	235.0	244.5	-	-	
Oil and gas extraction.....	211	119.2	130.1	139.2	-	-	217.4	240.3	253.3	-	-	
Mining, except oil and gas.....	212	89.4	91.1	91.9	-	-	127.1	129.0	130.9	-	-	
Coal mining.....	2121	70.6	74.1	73.7	-	-	104.0	108.0	108.3	-	-	
Stone mining and quarrying.....	21231	94.0	94.7	95.9	-	-	135.0	141.1	140.8	-	-	
Crushed and broken limestone mining.....	212312	87.2	88.7	92.1	-	-	128.9	129.0	134.0	-	-	
Other stone mining and quarrying.....	212311,3,9	102.7	102.8	100.9	-	-	142.6	156.5	149.3	-	-	
Support activities for mining.....	213	183.4	212.3	222.1	-	-	322.3	376.5	394.4	-	-	
Support activities for oil and gas operations.....	213112	205.4	249.6	260.7	-	-	395.3	490.4	514.9	-	-	
Construction.....	23	109.6	111.2	114.2	115.5	1.1	159.1	165.0	170.0	173.6	2.1	
Construction of buildings.....	236	96.9	95.9	99.2	-	-	143.2	146.7	151.7	-	-	
Residential building.....	2361	88.6	89.4	92.6	-	-	125.3	133.1	138.4	-	-	
New single-family general contractors.....	236115	67.7	66.4	68.6	-	-	97.2	100.3	104.1	-	-	
Residential remodelers.....	236118	125.9	135.0	140.9	-	-	167.3	190.2	199.7	-	-	
Nonresidential building.....	2362	104.6	102.0	105.3	-	-	157.5	157.6	162.2	-	-	
Industrial building.....	23621	92.2	97.2	95.7	-	-	141.3	153.9	152.2	-	-	
Commercial building.....	23622	109.6	103.9	108.9	-	-	163.7	158.9	165.9	-	-	
Heavy and civil engineering construction.....	237	120.5	119.5	124.1	-	-	195.1	193.8	203.5	-	-	
Utility system construction.....	2371	145.1	148.8	152.7	-	-	243.4	253.0	261.6	-	-	
Water and sewer system construction.....	23711	111.4	114.6	116.6	-	-	163.3	172.3	176.5	-	-	
Oil and gas pipeline construction.....	23712	212.3	207.0	216.5	-	-	423.0	395.2	414.9	-	-	
Power and communication system construction..	23713	144.0	155.5	158.3	-	-	234.3	271.0	278.5	-	-	
Highway, street, and bridge construction.....	2373	115.7	109.4	117.0	-	-	170.1	160.8	176.2	-	-	
Specialty trade contractors.....	238	111.0	114.2	116.9	-	-	155.3	163.7	167.8	-	-	
Building foundation and exterior contractors.....	2381	102.8	105.1	108.4	-	-	141.7	148.0	153.0	-	-	
Poured concrete structure contractors.....	23811	131.9	136.3	143.1	-	-	197.0	207.6	216.9	-	-	
Steel and precast concrete contractors.....	23812	91.2	99.6	94.6	-	-	124.1	128.4	118.6	-	-	
Framing contractors.....	23813	70.5	65.7	70.1	-	-	85.6	86.9	93.3	-	-	
Masonry contractors.....	23814	70.8	72.9	75.7	-	-	96.7	102.1	105.4	-	-	
Glass and glazing contractors.....	23815	128.2	128.5	128.4	-	-	169.9	182.9	182.6	-	-	
Roofing contractors.....	23816	125.1	126.1	130.5	-	-	180.8	183.3	194.1	-	-	
Siding contractors.....	23817	125.4	127.0	129.3	-	-	199.1	218.3	231.8	-	-	
Other building exterior contractors.....	23819	123.9	132.4	136.7	-	-	162.2	173.3	187.1	-	-	
Building equipment contractors.....	2382	116.3	118.5	120.9	-	-	160.7	166.9	170.9	-	-	
Electrical contractors.....	23821	101.7	103.9	106.4	-	-	143.4	147.5	152.2	-	-	
Plumbing and HVAC contractors.....	23822	130.2	132.8	136.3	-	-	178.0	187.0	192.6	-	-	
Other building equipment contractors.....	23829	136.5	135.1	128.6	-	-	183.7	185.4	174.2	-	-	
Building finishing contractors.....	2383	95.2	98.4	100.8	-	-	135.5	146.6	148.9	-	-	
Drywall and insulation contractors.....	23831	78.6	84.9	85.2	-	-	117.1	127.4	128.5	-	-	
Painting and wall covering contractors.....	23832	102.7	97.0	103.4	-	-	134.9	141.2	147.8	-	-	
Flooring contractors.....	23833	100.5	103.4	109.5	-	-	146.9	151.7	154.2	-	-	
Tile and terrazzo contractors.....	23834	120.1	128.6	124.2	-	-	206.2	223.1	209.6	-	-	
Finish carpentry contractors.....	23835	104.1	114.8	116.3	-	-	142.8	172.9	177.2	-	-	
Other building finishing contractors.....	23839	111.2	113.7	117.8	-	-	162.4	162.9	168.2	-	-	
Other specialty trade contractors.....	2389	129.9	136.4	139.7	-	-	185.3	200.5	206.4	-	-	
Site preparation contractors.....	23891	126.2	137.9	140.4	-	-	179.8	202.1	209.1	-	-	
All other specialty trade contractors.....	23899	134.2	135.1	139.2	-	-	192.0	199.2	203.8	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P
Manufacturing.....		83.8	85.5	87.0	86.3	-0.8	114.5	119.6	121.5	120.9	-0.5
Durable goods.....		83.5	86.5	88.3	87.1	-1.4	113.9	120.4	123.2	121.8	-1.1
Wood products.....	321	73.4	73.7	75.5	75.2	-0.4	104.2	105.8	109.0	109.1	0.1
Sawmills and wood preservation.....	3211	76.9	74.6	77.2	-	-	104.2	103.2	106.8	-	-
Plywood and engineered wood products.....	3212	65.9	69.3	68.5	-	-	97.0	103.3	103.2	-	-
Other wood products.....	3219	74.6	75.1	77.7	-	-	106.9	108.2	112.8	-	-
Millwork.....	32191	69.0	68.2	72.0	-	-	98.0	96.0	102.5	-	-
Wood windows and doors.....	321911	68.0	69.6	73.3	-	-	104.6	105.2	111.6	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	69.8	67.2	71.0	-	-	91.7	87.6	94.3	-	-
Wood containers and pallets.....	32192	102.2	105.2	104.9	-	-	159.1	167.3	167.0	-	-
All other wood products.....	32199	65.4	65.7	68.7	-	-	92.8	94.7	99.2	-	-
Nonmetallic mineral products.....	327	81.6	85.2	86.7	86.5	-0.2	108.0	117.9	120.5	121.4	0.7
Cement and concrete products.....	3273	95.1	94.8	98.0	-	-	126.1	132.9	137.8	-	-
Ready-mix concrete.....	32732	92.0	95.1	100.3	-	-	125.0	139.9	148.2	-	-
Other cement and concrete products.....	32731,3,9	98.7	94.6	95.5	-	-	127.5	123.4	123.5	-	-
Primary metals.....	331	75.2	77.5	78.4	77.9	-0.6	99.1	102.2	103.8	103.1	-0.7
Foundries.....	3315	62.0	64.8	65.8	-	-	79.0	85.9	88.0	-	-
Fabricated metal products.....	332	94.5	98.7	100.6	99.6	-1.0	129.3	137.3	139.9	138.8	-0.8
Forging and stamping.....	3321	90.3	97.0	100.1	-	-	121.7	130.2	132.5	-	-
Architectural and structural metals.....	3323	94.3	98.8	100.1	-	-	128.1	135.7	137.7	-	-
Plate work and fabricated structural products...	33231	89.5	96.5	99.0	-	-	124.5	136.3	137.2	-	-
Fabricated structural metal products.....	332312	91.3	96.4	102.1	-	-	127.1	135.6	138.6	-	-
Ornamental and architectural metal products...	33232	98.2	100.6	101.1	-	-	131.0	135.3	138.4	-	-
Sheet metal work.....	332322	115.8	117.7	120.5	-	-	151.3	153.1	160.7	-	-
Boilers, tanks, and shipping containers.....	3324	97.3	101.1	104.2	-	-	128.4	136.7	140.4	-	-
Machine shops and threaded products.....	3327	118.6	123.8	125.5	-	-	160.2	173.2	175.4	-	-
Machine shops.....	33271	129.7	137.0	138.8	-	-	174.7	191.7	193.9	-	-
Turned products and screws, nuts, and bolts...	33272	90.2	90.9	92.2	-	-	121.3	125.1	127.0	-	-
Coating, engraving, and heat treating metals....	3328	92.2	100.6	102.8	-	-	125.4	137.9	142.3	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	113.5	119.8	122.9	-	-	148.0	159.6	166.3	-	-
Electroplating, anodizing, and coloring metals..	332813	74.5	84.8	85.9	-	-	106.0	119.3	121.3	-	-
Other fabricated metal products.....	3329	96.9	94.7	97.6	-	-	136.5	134.2	138.2	-	-
Metal valves.....	33291	87.0	85.4	84.6	-	-	127.4	128.9	128.2	-	-
All other fabricated metal products.....	33299	102.1	99.7	104.5	-	-	141.1	137.1	143.3	-	-
Machinery.....	333	92.8	95.5	97.3	96.6	-0.7	131.1	138.1	139.5	139.0	-0.4
Agricultural, construction, and mining machinery.....	3331	116.7	132.9	136.5	-	-	176.6	204.0	209.1	-	-
Farm machinery and equipment.....	333111	88.0	95.0	94.7	-	-	127.7	141.7	140.7	-	-
Industrial machinery.....	3332	89.4	87.5	88.9	-	-	126.2	130.5	130.5	-	-
Commercial and service industry machinery.....	3333	74.1	78.5	81.1	-	-	113.3	121.9	122.2	-	-
HVAC and commercial refrigeration equipment..	3334	85.6	80.1	85.5	-	-	119.2	116.1	124.6	-	-
Metalworking machinery.....	3335	85.3	88.3	88.4	-	-	112.2	118.6	118.0	-	-
Special tools, dies, jigs, and fixtures.....	333514	74.9	76.3	76.1	-	-	101.0	106.4	105.9	-	-
Turbine and power transmission equipment.....	3336	77.8	79.4	80.1	-	-	105.8	108.1	110.9	-	-
Other general purpose machinery.....	3339	101.4	100.4	100.6	-	-	146.5	147.4	145.2	-	-
Computer and electronic products.....	334	82.8	84.7	86.1	86.2	0.1	126.6	130.3	132.3	133.4	0.8
Communications equipment.....	3342	63.2	59.4	59.3	-	-	80.3	76.9	77.9	-	-
Semiconductors and electronic components.....	3344	69.4	70.4	72.3	-	-	100.3	101.9	104.1	-	-
Semiconductors and related devices.....	334413	74.7	73.7	75.6	-	-	124.6	117.2	119.6	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	62.8	64.1	66.6	-	-	87.8	96.1	99.2	-	-
Electronic instruments.....	3345	126.9	129.2	130.4	-	-	217.4	220.9	223.3	-	-

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				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P
Electrical equipment and appliances.....	335	77.6	79.5	80.0	79.6	-0.5	109.8	116.6	118.2	118.9	0.6
Electrical equipment.....	3353	79.2	81.3	83.3	-	-	114.2	118.0	121.4	-	-
Other electrical equipment and components.....	3359	90.6	94.7	94.9	-	-	129.2	140.2	142.2	-	-
Transportation equipment.....	336	84.3	90.2	93.8	90.3	-3.7	103.3	113.4	118.4	114.3	-3.5
Motor vehicles and parts ⁴	3361,2,3	75.1	82.5	86.4	81.9	-5.2	75.8	87.2	92.0	86.4	-6.1
Motor vehicles.....	3361	65.4	73.8	81.8	-	-	70.1	80.4	88.9	-	-
Motor vehicle bodies and trailers.....	3362	108.7	117.6	122.4	-	-	125.5	141.7	146.9	-	-
Motor vehicle parts.....	3363	72.3	79.0	81.2	-	-	71.2	82.5	85.4	-	-
Motor vehicle gasoline engine and parts.....	33631	60.6	67.9	69.0	-	-	66.2	74.3	75.7	-	-
Motor vehicle power train components.....	33635	67.5	67.7	71.6	-	-	62.2	66.1	70.9	-	-
Motor vehicle metal stamping.....	33637	82.8	94.1	94.7	-	-	77.8	94.5	97.0	-	-
All other motor vehicle parts.....	33639	91.2	94.3	97.1	-	-	102.1	108.7	111.4	-	-
Aerospace products and parts.....	3364	123.0	124.3	129.3	-	-	206.4	212.9	221.3	-	-
Aircraft.....	336411	114.0	121.0	125.5	-	-	179.2	194.5	202.4	-	-
Furniture and related products.....	337	61.6	60.7	61.7	61.2	-0.8	85.5	85.7	87.1	86.7	-0.5
Household and institutional furniture.....	3371	58.4	58.6	60.0	-	-	82.1	83.5	85.0	-	-
Wood kitchen cabinets and countertops.....	33711	76.8	79.3	81.6	-	-	106.5	112.2	113.8	-	-
Other household and institutional furniture.....	33712	47.6	46.6	47.4	-	-	66.8	65.5	66.7	-	-
Upholstered household furniture.....	337121	65.2	63.6	64.6	-	-	87.7	86.7	88.1	-	-
Miscellaneous durable goods manufacturing.....	339	82.7	82.9	83.0	81.1	-2.3	122.8	122.2	122.4	119.4	-2.5
Medical equipment and supplies.....	3391	102.5	101.4	102.2	-	-	155.4	152.8	154.0	-	-
Surgical appliances and supplies.....	339113	106.9	110.9	112.6	-	-	143.8	151.7	153.4	-	-
Dental laboratories.....	339116	79.1	75.7	76.0	-	-	119.9	118.1	118.4	-	-
Other miscellaneous durable goods manufacturing.....	3399	68.2	69.5	68.9	-	-	96.4	97.8	96.9	-	-
Signs.....	33995	96.5	100.8	99.0	-	-	129.5	138.4	134.8	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	67.1	70.9	70.5	-	-	98.1	105.9	104.7	-	-
Nondurable goods.....		84.3	84.1	84.9	85.3	0.5	115.4	118.2	118.7	119.7	0.8
Food manufacturing.....	311	112.9	111.4	113.5	115.0	1.3	151.6	153.9	156.8	159.8	1.9
Sugar and confectionery products.....	3113	75.7	76.8	76.5	-	-	93.1	100.0	104.7	-	-
Fruit and vegetable preserving and specialty.....	3114	114.0	97.4	101.1	-	-	142.5	130.8	134.5	-	-
Frozen food.....	31141	114.2	99.7	105.1	-	-	151.7	128.7	136.3	-	-
Fruit and vegetable canning and drying.....	31142	113.8	94.8	96.6	-	-	134.0	132.5	132.5	-	-
Dairy products.....	3115	111.5	112.8	114.0	-	-	159.2	163.3	163.7	-	-
Animal slaughtering and processing.....	3116	107.6	107.0	107.0	-	-	147.1	150.2	148.3	-	-
Poultry processing.....	311615	105.6	107.6	107.2	-	-	139.1	147.9	145.8	-	-
Seafood product preparation and packaging.....	3117	166.4	112.8	139.6	-	-	231.1	144.7	183.1	-	-
Bakeries and tortilla manufacturing.....	3118	102.4	106.5	109.2	-	-	139.9	145.5	151.0	-	-
Textile mills.....	313	34.7	36.8	37.7	35.7	-5.3	48.8	51.8	53.0	51.2	-3.4
Textile product mills.....	314	54.1	50.3	51.7	50.6	-2.1	73.8	70.8	71.9	70.4	-2.1
Apparel.....	315	29.6	30.3	29.7	31.2	5.1	47.5	50.0	50.9	52.9	3.9
Paper and paper products.....	322	67.3	68.8	69.4	68.8	-0.9	87.6	89.5	90.0	89.3	-0.8
Pulp, paper, and paperboard mills.....	3221	60.8	62.0	63.3	-	-	76.9	75.2	76.0	-	-
Converted paper products.....	3222	70.4	71.8	72.1	-	-	95.1	99.2	99.6	-	-
Paperboard containers.....	32221	75.3	77.6	77.5	-	-	99.6	105.5	105.0	-	-
Corrugated and solid fiber boxes.....	322211	76.7	77.7	79.9	-	-	100.5	103.7	106.1	-	-
Paper bags and coated and treated paper.....	32222	65.6	66.0	65.0	-	-	85.6	84.6	84.3	-	-
Printing and related support activities.....	323	63.4	61.9	62.4	61.2	-1.9	78.8	78.0	77.8	76.5	-1.7
Petroleum and coal products.....	324	112.6	112.3	103.4	108.1	4.5	196.3	196.2	175.6	183.5	4.5
Chemicals.....	325	98.4	101.4	102.8	103.9	1.1	134.9	142.2	144.1	144.4	0.2
Basic chemicals.....	3251	80.4	79.7	81.7	-	-	112.7	105.3	107.7	-	-
Resin, rubber, and artificial fibers.....	3252	77.2	78.4	80.2	-	-	114.5	117.5	121.4	-	-
Pharmaceuticals and medicines.....	3254	137.4	146.9	148.7	-	-	197.0	224.0	223.8	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours ²					Percent change from: June 2018 - July 2018 ^P	Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	July 2017		May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	
Soaps, cleaning compounds, and toiletries.....	3256	90.9	92.4	95.2	-	-	117.9	126.5	130.6	-	-	
Plastics and rubber products.....	326	86.0	85.2	85.5	85.6	0.1	111.5	115.5	115.9	117.5	1.4	
Plastics products.....	3261	89.4	88.8	88.9	-	-	121.9	126.6	126.2	-	-	
Plastics packaging materials, film, and sheet... ..	32611	104.5	105.0	107.5	-	-	134.0	146.8	148.3	-	-	
Foam products.....	32614,5	113.2	110.1	111.1	-	-	153.8	155.0	157.0	-	-	
Other plastics products.....	32619	82.4	81.4	80.7	-	-	116.6	118.1	117.0	-	-	
Rubber products.....	3262	74.0	72.7	73.5	-	-	82.0	84.5	86.8	-	-	
Miscellaneous nondurable goods manufacturing... ..	312,6	103.1	106.8	104.4	101.5	-2.8	128.0	132.2	130.1	127.3	-2.2	
Private service-providing.....		124.1	123.2	125.0	126.5	1.2	185.4	187.8	190.0	193.7	1.9	
Trade, transportation, and utilities.....		110.4	110.6	111.8	112.7	0.8	153.2	156.5	158.0	160.2	1.4	
Wholesale trade.....	42	110.3	109.9	110.4	111.2	0.7	162.1	161.5	163.0	165.7	1.7	
Durable goods.....	423	104.3	104.5	105.4	-	-	148.5	149.5	151.2	-	-	
Motor vehicles and parts.....	4231	102.1	101.9	100.5	-	-	138.1	138.7	138.4	-	-	
Motor vehicles.....	42311	102.6	105.3	104.8	-	-	139.0	155.4	154.6	-	-	
New motor vehicle parts.....	42312	97.7	95.2	94.0	-	-	128.9	124.2	124.6	-	-	
Furniture and furnishings.....	4232	98.8	101.3	101.4	-	-	135.1	138.5	140.8	-	-	
Lumber and construction supplies.....	4233	106.0	104.4	106.1	-	-	156.7	159.8	163.0	-	-	
Lumber and wood.....	42331	89.7	88.8	91.1	-	-	135.6	140.7	145.8	-	-	
Commercial equipment.....	4234	96.0	95.0	95.9	-	-	136.8	133.9	132.3	-	-	
Office equipment.....	42342	71.5	67.7	68.9	-	-	106.0	96.1	95.5	-	-	
Computer and software.....	42343	81.3	80.1	81.0	-	-	112.2	106.8	105.4	-	-	
Medical equipment.....	42345	133.5	132.5	130.7	-	-	205.9	209.2	203.2	-	-	
Miscellaneous professional and commercial equipment.....	42341,4,6,9	110.9	114.4	118.4	-	-	170.0	177.4	180.8	-	-	
Metals and minerals.....	4235	103.8	104.5	107.5	-	-	142.8	148.5	151.5	-	-	
Electric goods.....	4236	98.9	94.0	96.0	-	-	139.7	133.8	137.6	-	-	
Electrical equipment and wiring.....	42361	111.5	104.0	105.2	-	-	155.5	140.8	141.5	-	-	
Electric appliances and other electronic parts.....	42362,9	88.2	85.5	88.5	-	-	127.1	128.1	134.7	-	-	
Hardware and plumbing.....	4237	115.4	118.4	119.7	-	-	175.6	181.2	186.3	-	-	
Hardware.....	42371	112.4	116.0	115.4	-	-	173.7	180.9	182.5	-	-	
Plumbing equipment.....	42372	121.3	124.9	126.8	-	-	193.4	207.0	213.8	-	-	
HVAC and refrigeration equipment.....	42373,4	111.7	113.5	115.9	-	-	159.7	156.4	162.5	-	-	
Machinery and supplies.....	4238	107.6	108.6	110.2	-	-	157.4	160.2	164.6	-	-	
Construction equipment.....	42381	114.9	119.4	123.0	-	-	165.3	172.8	185.4	-	-	
Farm and garden equipment.....	42382	110.0	110.6	109.9	-	-	182.3	184.6	186.0	-	-	
Industrial machinery.....	42383	100.9	102.0	102.6	-	-	147.1	146.6	148.4	-	-	
Industrial supplies.....	42384	133.4	131.5	134.9	-	-	198.1	203.1	212.5	-	-	
Miscellaneous durable goods.....	4239	118.9	122.9	124.0	-	-	172.3	181.8	184.6	-	-	
Sporting goods.....	42391	114.2	116.6	118.1	-	-	165.4	175.3	182.8	-	-	
Recyclable materials.....	42393	120.9	127.6	131.1	-	-	169.3	182.5	190.3	-	-	
Nondurable goods.....	424	107.2	106.3	105.8	-	-	153.1	155.7	155.6	-	-	
Paper and paper products.....	4241	84.2	83.7	82.2	-	-	120.8	125.9	127.0	-	-	
Druggists' goods.....	4242	91.6	90.9	91.2	-	-	138.5	138.8	142.7	-	-	
Apparel and piece goods.....	4243	100.3	94.9	94.6	-	-	140.9	135.8	135.4	-	-	
Grocery and related products.....	4244	116.5	114.4	114.6	-	-	161.6	160.7	161.9	-	-	
General line grocery.....	42441	112.6	110.4	110.0	-	-	156.4	146.4	145.8	-	-	
Fruits and vegetables.....	42448	153.4	150.2	149.0	-	-	212.1	215.8	218.4	-	-	
Farm product raw materials.....	4245	104.5	109.0	108.6	-	-	162.3	175.0	171.6	-	-	
Chemicals.....	4246	105.1	111.1	112.8	-	-	150.2	160.8	163.9	-	-	
Petroleum.....	4247	102.8	98.4	96.1	-	-	163.6	148.1	142.6	-	-	
Alcoholic beverages.....	4248	156.7	150.8	153.6	-	-	209.9	217.1	218.8	-	-	
Misc. nondurable goods.....	4249	94.3	95.6	91.8	-	-	137.0	148.3	141.2	-	-	
Farm supplies.....	42491	113.0	123.2	119.1	-	-	165.0	195.0	188.2	-	-	

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	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P
Nursery stock and florists' supplies.....	42493	80.0	89.9	75.6	-	-	117.3	132.7	108.6	-	-
Electronic markets and agents and brokers.....	425	152.4	150.2	152.4	-	-	246.1	230.2	234.9	-	-
Retail trade.....		105.1	104.6	106.0	107.1	1.0	138.3	142.7	143.8	146.1	1.6
Motor vehicle and parts dealers.....	441	115.8	114.1	115.4	-	-	142.0	145.2	147.0	-	-
Automobile dealers.....	4411	115.0	113.7	114.6	-	-	136.4	138.9	140.0	-	-
New car dealers.....	44111	109.3	108.1	109.3	-	-	129.8	132.1	133.5	-	-
Used car dealers.....	44112	186.2	184.2	184.5	-	-	248.6	255.4	256.6	-	-
Other motor vehicle dealers.....	4412	123.8	118.4	120.7	-	-	175.8	174.9	180.3	-	-
Auto parts, accessories, and tire stores.....	4413	115.2	114.2	115.5	-	-	152.6	160.0	162.1	-	-
Automotive parts and accessories stores.....	44131	110.7	110.7	111.1	-	-	150.1	163.0	164.3	-	-
Tire dealers.....	44132	124.2	120.9	124.1	-	-	157.2	154.4	157.8	-	-
Furniture and home furnishings stores.....	442	89.0	89.1	90.2	-	-	126.6	126.0	128.0	-	-
Furniture stores.....	4421	89.0	90.3	91.4	-	-	124.2	122.1	125.6	-	-
Home furnishings stores.....	4422	88.7	87.7	88.9	-	-	129.3	131.3	131.6	-	-
Floor covering stores.....	44221	78.4	77.7	77.7	-	-	114.7	117.3	114.0	-	-
Other home furnishings stores.....	44229	97.2	95.9	97.8	-	-	146.1	147.2	151.2	-	-
Electronics and appliance stores.....	443	97.6	97.5	98.4	-	-	139.8	144.4	142.4	-	-
Household appliance stores.....	443141	62.2	65.5	65.3	-	-	82.5	91.8	92.7	-	-
Electronics stores.....	443142	104.4	103.6	104.7	-	-	148.6	152.4	150.0	-	-
Building material and garden supply stores.....	444	104.4	112.3	111.1	-	-	137.6	151.3	148.9	-	-
Building material and supplies dealers.....	4441	102.3	109.6	108.0	-	-	134.2	146.7	144.0	-	-
Home centers.....	44411	117.3	128.6	125.8	-	-	149.6	171.7	166.2	-	-
Hardware stores.....	44413	93.1	93.7	93.6	-	-	124.9	129.8	130.4	-	-
Lawn and garden equipment and supplies stores... ..	4442	120.4	134.0	133.8	-	-	164.8	191.1	188.2	-	-
Food and beverage stores.....	445	96.3	95.3	97.1	-	-	118.0	120.2	122.1	-	-
Grocery stores.....	4451	97.6	96.2	97.8	-	-	120.2	121.9	123.1	-	-
Supermarkets and other grocery stores.....	44511	96.7	95.3	96.9	-	-	119.0	120.8	122.1	-	-
Convenience stores.....	44512	115.5	112.9	114.6	-	-	152.2	148.0	148.6	-	-
Specialty food stores.....	4452	78.6	81.2	82.9	-	-	94.0	101.1	103.1	-	-
Meat markets and fish and seafood markets.....	44521,2	103.7	100.9	103.5	-	-	133.0	129.1	131.9	-	-
Beer, wine, and liquor stores.....	4453	106.6	104.0	109.4	-	-	121.3	125.2	135.4	-	-
Health and personal care stores.....	446	107.0	103.4	105.5	-	-	154.5	156.8	158.3	-	-
Pharmacies and drug stores.....	44611	98.8	94.1	95.9	-	-	152.3	151.6	152.5	-	-
Cosmetic and beauty supply stores.....	44612	150.4	143.4	151.4	-	-	185.7	188.7	195.3	-	-
Optical goods stores.....	44613	130.6	138.7	137.1	-	-	173.6	192.4	189.0	-	-
Other health and personal care stores.....	44619	105.4	105.1	105.8	-	-	131.1	143.7	145.2	-	-
Gasoline stations.....	447	105.6	104.6	106.7	-	-	142.1	142.3	145.0	-	-
Gasoline stations with convenience stores.....	44711	110.3	109.2	111.3	-	-	149.6	149.6	152.3	-	-
Other gasoline stations.....	44719	80.9	79.9	82.1	-	-	107.5	109.1	110.7	-	-
Clothing and clothing accessories stores.....	448	93.4	87.5	91.2	-	-	125.4	126.0	130.4	-	-
Clothing stores.....	4481	94.2	87.6	92.1	-	-	122.4	121.0	126.3	-	-
Women's clothing stores.....	44812	112.3	102.5	107.3	-	-	139.7	127.8	132.0	-	-
Family clothing stores.....	44814	85.9	79.7	82.5	-	-	107.0	108.6	113.4	-	-
Clothing accessories stores.....	44815	129.6	105.0	125.0	-	-	184.4	162.8	193.1	-	-
Shoe stores.....	4482	110.8	104.7	109.1	-	-	179.3	179.5	187.3	-	-
Jewelry, luggage, and leather goods stores.....	4483	75.3	73.5	71.8	-	-	103.5	112.8	110.7	-	-
Sporting goods, hobby, book, and music stores.....	451	102.3	98.5	102.5	-	-	150.2	148.4	151.9	-	-
Sporting goods and musical instrument stores.....	4511	120.5	116.9	123.7	-	-	172.8	171.6	177.9	-	-
Sporting goods stores.....	45111	149.8	144.1	153.4	-	-	206.3	204.2	212.5	-	-
Book stores and news dealers.....	4512	47.3	41.8	37.8	-	-	72.1	66.5	61.0	-	-
General merchandise stores.....	452	117.9	118.5	119.9	-	-	154.5	167.8	168.5	-	-
Miscellaneous store retailers.....	453	85.9	85.5	85.4	-	-	110.1	111.0	110.9	-	-
Florists.....	4531	42.2	60.1	46.1	-	-	56.4	85.4	65.0	-	-

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					Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P
Office supplies, stationery, and gift stores.....	4532	52.2	48.8	49.1	-	-	67.0	62.1	62.4	-	-
Office supplies and stationery stores.....	45321	50.8	44.9	46.5	-	-	62.3	53.1	54.6	-	-
Gift, novelty, and souvenir stores.....	45322	53.8	52.4	51.8	-	-	74.3	75.6	74.4	-	-
Used merchandise stores.....	4533	176.7	173.7	175.2	-	-	264.0	256.1	258.6	-	-
Other miscellaneous store retailers.....	4539	121.2	119.0	122.6	-	-	150.5	153.3	157.5	-	-
Pet and pet supplies stores.....	45391	174.0	181.5	184.7	-	-	236.3	254.1	258.3	-	-
Nonstore retailers.....	454	124.6	124.4	126.4	-	-	182.1	173.2	176.6	-	-
Electronic shopping and mail-order houses.....	4541	162.5	162.7	165.8	-	-	231.3	211.4	218.1	-	-
Transportation and warehousing.....		128.4	132.2	133.6	133.4	-0.1	174.8	182.6	184.8	186.0	0.6
Air transportation.....	481	79.0	73.6	73.7	-	-	167.2	159.5	158.4	-	-
Truck transportation.....	484	120.3	119.3	122.6	-	-	163.9	166.1	171.6	-	-
General freight trucking.....	4841	114.4	114.8	117.4	-	-	153.8	155.3	160.4	-	-
General freight trucking, local.....	48411	112.4	113.8	118.1	-	-	154.9	160.0	167.5	-	-
General freight trucking, long-distance.....	48412	115.1	115.3	117.0	-	-	153.4	154.1	158.1	-	-
General freight trucking, long-distance TL.....	484121	110.7	110.3	112.4	-	-	149.9	148.1	152.1	-	-
General freight trucking, long-distance LTL.....	484122	125.7	127.0	128.2	-	-	161.1	166.8	171.4	-	-
Specialized freight trucking.....	4842	135.8	130.8	136.1	-	-	193.5	196.8	203.9	-	-
Used household and office goods moving.....	48421	102.5	92.0	107.3	-	-	131.1	134.4	155.3	-	-
Other specialized trucking, local.....	48422	144.6	141.6	144.4	-	-	212.7	220.5	227.1	-	-
Other specialized trucking, long-distance.....	48423	149.1	145.8	146.2	-	-	206.6	203.3	201.3	-	-
Transit and ground passenger transportation.....	485	117.3	147.2	140.2	-	-	157.6	204.8	196.1	-	-
School and employee bus transportation.....	4854	78.5	162.9	141.3	-	-	102.1	230.1	207.7	-	-
Other ground passenger transportation.....	4859	196.1	202.1	205.1	-	-	246.2	260.8	264.3	-	-
Pipeline transportation.....	486	130.1	126.9	129.2	-	-	239.4	241.4	246.8	-	-
Support activities for transportation.....	488	132.5	135.8	136.8	-	-	169.7	177.0	178.4	-	-
Support activities for air transportation.....	4881	148.4	150.9	150.2	-	-	168.1	175.2	172.6	-	-
Airport operations.....	48811	151.4	149.1	153.1	-	-	145.7	144.1	148.1	-	-
Support activities for water transportation.....	4883	87.2	90.9	92.2	-	-	134.8	145.6	148.4	-	-
Support activities for road transportation.....	4884	152.6	156.9	156.6	-	-	167.1	173.0	175.1	-	-
Freight transportation arrangement.....	4885	135.7	140.1	141.1	-	-	195.2	200.3	201.7	-	-
Support activities for other transportation, including rail.....	4882,9	135.9	137.6	140.2	-	-	201.0	210.4	212.6	-	-
Couriers and messengers.....	492	153.7	166.5	168.8	-	-	190.2	213.5	215.8	-	-
Warehousing and storage.....	493	205.2	213.7	217.7	-	-	235.6	254.4	260.5	-	-
General warehousing and storage.....	49311	219.4	227.9	232.3	-	-	251.9	271.2	278.0	-	-
Utilities.....	22	98.8	97.1	97.3	96.8	-0.5	149.6	148.3	147.6	147.7	0.1
Power generation and supply.....	2211	97.9	96.8	96.8	-	-	154.1	152.1	150.7	-	-
Electric power generation.....	22111	61.2	61.1	60.5	-	-	97.3	94.6	92.8	-	-
Fossil fuel electric power generation.....	221112	67.9	67.3	68.1	-	-	114.4	112.1	112.5	-	-
Electric power transmission and distribution.....	22112	155.9	153.3	154.1	-	-	254.7	254.1	252.8	-	-
Natural gas distribution.....	2212	93.7	90.5	91.8	-	-	131.5	133.9	136.7	-	-
Water, sewage and other systems.....	2213	122.4	118.6	118.3	-	-	157.4	148.4	147.8	-	-
Information.....	51	94.4	89.5	90.6	93.1	2.8	144.3	139.3	140.7	145.6	3.5
Publishing industries, except Internet.....	511	102.7	97.3	99.3	-	-	161.4	155.3	156.9	-	-
Newspaper, book, and directory publishers.....	5111	74.7	70.6	70.7	-	-	111.8	106.7	106.8	-	-
Newspaper publishers.....	51111	67.5	60.8	61.2	-	-	90.8	78.8	78.2	-	-
Periodical publishers.....	51112	91.7	89.4	90.1	-	-	149.9	149.8	150.6	-	-
Software publishers.....	5112	148.4	141.2	145.8	-	-	202.5	196.0	198.0	-	-
Motion picture and sound recording industries.....	512	99.0	91.4	90.1	-	-	109.6	107.9	102.1	-	-
Broadcasting, except Internet.....	515	83.9	80.2	82.2	-	-	128.2	128.3	130.0	-	-
Radio broadcasting.....	51511	86.7	83.5	87.3	-	-	138.6	143.4	147.9	-	-
Telecommunications.....	517	71.4	67.5	68.9	-	-	104.9	104.3	107.1	-	-
Wired and wireless telecommunications carriers.....	5173	77.6	73.1	74.8	-	-	114.6	113.6	116.9	-	-

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					Percent change from: June 2018 - July 2018 ^P	Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	July 2017		May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	
Data processing, hosting and related services.....	518	121.4	115.1	116.9	-	-	226.0	199.5	207.3	-	-	
Other information services.....	519	253.6	250.0	248.6	-	-	406.7	390.1	390.3	-	-	
Financial activities.....		117.7	114.3	116.1	119.1	2.6	192.9	188.8	190.6	197.2	3.5	
Credit intermediation and related activities.....	522	111.0	106.7	108.6	-	-	180.7	176.9	179.9	-	-	
Depository credit intermediation.....	5221	108.4	104.8	107.5	-	-	180.1	180.6	183.9	-	-	
Commercial banking.....	52211	114.6	110.5	113.7	-	-	194.6	194.9	198.7	-	-	
Savings institutions.....	52212	52.0	49.1	50.3	-	-	78.5	78.7	79.0	-	-	
Credit unions and other depository credit intermediation.....	52213,9	132.9	130.5	132.2	-	-	214.9	215.3	218.7	-	-	
Nondepository credit intermediation.....	5222	104.3	100.5	101.7	-	-	159.7	158.2	161.4	-	-	
Consumer lending.....	522291	113.0	107.4	104.9	-	-	144.2	144.9	142.2	-	-	
Real estate credit.....	522292	102.0	97.0	98.8	-	-	144.5	142.0	146.8	-	-	
Activities related to credit intermediation.....	5223	149.4	140.5	137.2	-	-	251.0	219.4	217.4	-	-	
Securities, commodity contracts, investments, and funds and trusts.....	523,5	136.4	125.4	126.9	-	-	247.2	225.9	228.1	-	-	
Securities brokerage.....	52312	113.9	101.6	103.5	-	-	195.3	180.0	182.9	-	-	
Securities and commodity contracts brokerage and exchanges.....	5231,2	110.2	96.2	97.3	-	-	208.4	175.6	176.3	-	-	
Other financial investment activities, including funds and trusts.....	5239; 525	179.8	174.5	176.6	-	-	309.4	307.8	312.4	-	-	
Portfolio management.....	52392	173.6	167.5	171.9	-	-	308.4	317.7	323.7	-	-	
Investment advice.....	52393	229.5	227.2	227.3	-	-	378.8	377.1	383.5	-	-	
Insurance carriers and related activities.....	524	120.3	116.9	118.1	-	-	184.9	182.3	182.7	-	-	
Insurance carriers.....	5241	106.6	104.1	104.9	-	-	167.0	163.5	163.7	-	-	
Direct life and health insurance carriers.....	52411	111.8	112.1	112.7	-	-	181.9	183.5	183.3	-	-	
Direct insurers, except life and health.....	52412	101.4	96.2	97.7	-	-	149.8	142.3	143.8	-	-	
Reinsurance carriers.....	52413	98.7	91.1	91.6	-	-	242.4	215.3	207.3	-	-	
Insurance agencies, brokerages, and related services.....	5242	147.3	142.4	143.6	-	-	224.4	224.5	223.4	-	-	
Insurance agencies and brokerages.....	52421	145.2	140.1	141.8	-	-	216.4	219.1	217.6	-	-	
Other insurance-related activities.....	52429	152.1	148.6	148.4	-	-	241.9	237.5	237.4	-	-	
Third-party administration of insurance funds.....	524292	144.6	143.9	144.2	-	-	231.9	236.2	235.3	-	-	
Real estate.....	531	124.5	124.2	126.3	-	-	206.2	208.0	211.1	-	-	
Lessors of real estate.....	5311	98.8	96.8	99.5	-	-	158.2	162.8	166.9	-	-	
Lessors of residential buildings.....	53111	95.9	91.8	93.5	-	-	148.2	147.3	149.6	-	-	
Lessors of nonresidential buildings.....	53112	89.0	95.0	96.8	-	-	168.8	188.9	193.3	-	-	
Offices of real estate agents and brokers.....	5312	113.4	114.3	116.3	-	-	206.6	206.4	208.3	-	-	
Activities related to real estate.....	5313	168.6	169.6	171.5	-	-	265.0	263.9	267.3	-	-	
Real estate property managers.....	53131	170.4	172.4	173.6	-	-	266.1	267.5	270.1	-	-	
Residential property managers.....	531311	180.1	184.2	187.2	-	-	274.3	288.0	291.4	-	-	
Nonresidential property managers.....	531312	147.2	144.2	142.2	-	-	249.9	228.9	231.4	-	-	
Rental and leasing services.....	532	99.8	102.2	107.4	-	-	157.5	167.7	173.1	-	-	
Home health equipment rental.....	532283	126.6	117.9	118.0	-	-	129.2	130.2	129.3	-	-	
General rental centers.....	5323	66.0	63.5	66.5	-	-	64.8	67.1	68.4	-	-	
Machinery and equipment rental and leasing.....	5324	149.1	174.5	182.5	-	-	248.9	298.7	310.0	-	-	
Heavy machinery rental and leasing.....	53241	135.8	170.1	182.1	-	-	258.3	330.3	344.0	-	-	
Office equipment and other machinery rental and leasing.....	53242,9	168.0	180.4	182.7	-	-	235.9	254.8	263.0	-	-	
Professional and business services.....		135.8	134.8	137.1	138.7	1.2	210.8	212.5	215.6	221.3	2.6	
Professional and technical services.....	54	146.4	143.3	145.2	-	-	230.1	229.7	232.4	-	-	
Legal services.....	5411	106.4	101.6	104.1	-	-	162.2	159.2	165.0	-	-	
Offices of lawyers.....	54111	104.8	99.5	102.3	-	-	160.6	156.6	162.6	-	-	
Other legal services.....	54119	131.9	129.8	129.1	-	-	204.0	212.3	212.1	-	-	
Title abstract and settlement offices.....	541191	115.6	114.3	113.5	-	-	161.6	166.4	166.1	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P
Accounting and bookkeeping services.....	5412	111.2	110.5	110.2	-	-	179.5	180.9	180.0	-	-
Offices of certified public accountants.....	541211	126.3	123.2	123.6	-	-	190.5	185.3	183.5	-	-
Payroll services.....	541214	131.8	133.8	134.3	-	-	213.7	225.9	228.0	-	-
Architectural and engineering services.....	5413	119.1	116.0	118.9	-	-	183.7	185.2	188.3	-	-
Architectural services.....	54131	112.8	106.3	111.6	-	-	166.7	165.5	170.8	-	-
Landscape architectural services.....	54132	87.8	82.3	86.1	-	-	138.4	138.9	143.1	-	-
Engineering and drafting services.....	54133,4	123.7	121.5	123.9	-	-	191.8	194.2	196.4	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	101.6	97.8	102.4	-	-	162.8	158.2	165.9	-	-
Testing laboratories.....	54138	119.4	117.7	119.1	-	-	169.5	175.3	177.9	-	-
Specialized design services.....	5414	122.5	116.6	117.5	-	-	208.1	204.2	208.9	-	-
Graphic design services.....	54143	103.6	92.9	95.8	-	-	181.9	172.8	180.2	-	-
Computer systems design and related services.....	5415	189.8	184.8	186.5	-	-	275.3	272.6	274.1	-	-
Custom computer programming services.....	541511	180.7	175.6	176.2	-	-	257.3	256.9	254.2	-	-
Computer systems design services.....	541512	235.2	228.1	230.5	-	-	326.5	318.3	323.1	-	-
Management and technical consulting services.....	5416	241.7	237.8	242.1	-	-	362.7	362.9	367.2	-	-
Management consulting services.....	54161	238.6	240.0	243.0	-	-	352.0	355.7	357.6	-	-
Administrative management consulting services..	541611	266.7	276.7	277.5	-	-	427.6	440.1	438.9	-	-
Marketing consulting services.....	541613	415.0	400.5	407.6	-	-	590.5	580.6	585.1	-	-
Process and logistics consulting services.....	541614	216.3	218.2	228.7	-	-	278.2	270.3	277.3	-	-
Scientific research and development services.....	5417	140.0	138.9	142.9	-	-	235.6	236.6	242.7	-	-
Research and development in the physical, engineering, and life sciences.....	54171	147.3	145.4	149.9	-	-	248.4	248.8	255.0	-	-
Research and development in nanotechnology..	541713	144.6	171.3	185.0	-	-	248.7	295.6	323.6	-	-
Research and development in biotechnology, except nanobiotechnology.....	541714	178.3	177.7	180.6	-	-	285.1	287.3	289.8	-	-
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology.....	541715	137.5	133.7	138.4	-	-	237.7	235.2	241.6	-	-
Social science and humanities research.....	54172	85.4	88.3	87.9	-	-	127.8	130.5	134.4	-	-
Advertising and related services.....	5418	130.3	125.4	125.6	-	-	213.9	205.6	206.7	-	-
Advertising agencies.....	54181	151.3	138.3	139.5	-	-	236.8	214.1	214.9	-	-
Public relations agencies.....	54182	137.8	135.9	137.4	-	-	226.1	229.8	232.4	-	-
Advertising material distribution and other advertising services.....	54187,9	144.2	150.6	152.0	-	-	229.8	242.3	241.4	-	-
Other professional and technical services.....	5419	170.3	170.6	173.2	-	-	286.4	295.0	300.2	-	-
Marketing research and public opinion polling.....	54191	87.4	83.3	84.7	-	-	146.5	141.5	145.2	-	-
Photographic services.....	54192	65.4	60.9	55.7	-	-	106.5	108.4	100.5	-	-
Veterinary services.....	54194	177.2	175.6	179.5	-	-	275.2	273.5	276.7	-	-
Miscellaneous professional and technical services..	54193,9	435.7	454.7	466.6	-	-	776.4	845.2	874.7	-	-
Management of companies and enterprises.....	55	129.1	126.3	128.8	-	-	222.4	222.4	224.3	-	-
Offices of bank holding companies and of other holding companies.....	55111,2	101.7	106.3	111.0	-	-	168.8	182.3	190.1	-	-
Managing offices.....	551114	130.6	127.2	129.8	-	-	226.1	224.7	226.7	-	-
Administrative and waste services.....	56	128.3	129.9	132.1	-	-	179.9	186.4	189.4	-	-
Administrative and support services.....	561	127.9	129.7	131.9	-	-	180.1	186.8	189.6	-	-
Office administrative services.....	5611	195.2	194.6	196.6	-	-	337.0	339.9	342.6	-	-
Facilities support services.....	5612	159.1	150.9	150.5	-	-	180.2	172.7	172.3	-	-
Employment services.....	5613	116.8	120.2	122.1	-	-	157.5	165.4	167.5	-	-
Employment placement agencies and executive search services.....	56131	103.0	111.6	114.1	-	-	175.4	174.3	179.7	-	-
Temporary help services.....	56132	141.1	144.8	146.9	-	-	188.2	199.2	201.5	-	-
Professional employer organizations.....	56133	50.2	49.9	51.7	-	-	65.5	67.2	68.1	-	-
Business support services.....	5614	129.1	128.1	129.1	-	-	189.4	190.6	190.6	-	-
Telephone call centers.....	56142	164.2	162.0	164.9	-	-	251.3	257.4	260.7	-	-
Business service centers.....	56143	89.9	88.9	89.5	-	-	127.5	121.0	121.9	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

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

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours ²					Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	July 2017	May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P
Collection agencies.....	56144	89.0	88.8	87.6	-	-	128.1	128.3	126.0	-	-
Travel arrangement and reservation services.....	5615	94.1	91.3	91.7	-	-	151.8	153.3	153.0	-	-
Travel agencies.....	56151	76.8	74.5	72.3	-	-	99.7	104.2	100.0	-	-
Investigation and security services.....	5616	128.4	129.9	130.3	-	-	191.2	199.2	201.5	-	-
Security and armored car services.....	56161	125.4	125.9	126.6	-	-	184.2	189.2	191.8	-	-
Security systems services.....	56162	148.9	154.7	154.2	-	-	223.4	242.0	243.2	-	-
Services to buildings and dwellings.....	5617	147.1	147.8	152.3	-	-	207.5	215.5	222.7	-	-
Exterminating and pest control services.....	56171	174.5	168.4	175.5	-	-	259.5	252.5	258.9	-	-
Janitorial services.....	56172	127.2	129.9	131.0	-	-	174.9	181.5	182.0	-	-
Landscaping services.....	56173	171.9	170.9	178.2	-	-	240.3	251.7	264.8	-	-
Carpet and upholstery cleaning services.....	56174	94.9	101.0	105.9	-	-	128.7	143.5	153.3	-	-
Other services to buildings and dwellings.....	56179	144.9	146.8	154.6	-	-	181.5	193.2	197.0	-	-
Other support services.....	5619	112.7	117.2	117.8	-	-	148.3	159.6	159.6	-	-
Packaging and labeling services.....	56191	128.7	122.5	123.6	-	-	197.7	187.4	188.7	-	-
Convention and trade show organizers.....	56192	96.0	111.7	108.5	-	-	110.5	126.1	120.8	-	-
All other support services.....	56199	112.6	117.0	118.8	-	-	156.2	170.5	173.3	-	-
Waste management and remediation services.....	562	132.1	134.3	136.7	-	-	174.5	182.4	187.7	-	-
Waste collection.....	5621	167.6	174.4	174.7	-	-	224.9	238.0	239.4	-	-
Waste treatment and disposal.....	5622	90.1	87.9	90.6	-	-	137.6	136.5	143.1	-	-
Remediation and other waste services.....	5629	141.1	143.9	147.8	-	-	169.4	182.7	189.4	-	-
Education and health services.....		138.8	142.1	141.3	141.4	0.1	211.3	220.1	219.5	220.9	0.6
Health care and social assistance.....	62	142.7	143.9	144.7	-	-	218.6	225.3	226.9	-	-
Health care ⁵	621,2,3	138.6	139.6	140.6	-	-	217.4	223.9	225.7	-	-
Ambulatory health care services.....	621	160.0	163.2	163.7	-	-	249.5	259.8	261.1	-	-
Offices of physicians.....	6211	138.5	140.0	140.8	-	-	247.9	256.8	259.6	-	-
Offices of physicians, except mental health.....	621111	138.8	140.2	140.9	-	-	249.1	258.2	260.7	-	-
Offices of mental health physicians.....	621112	112.7	132.8	134.6	-	-	167.3	189.1	195.5	-	-
Offices of dentists.....	6212	124.1	126.2	125.1	-	-	176.7	182.5	179.8	-	-
Offices of other health practitioners.....	6213	178.4	185.0	184.8	-	-	258.8	275.0	273.1	-	-
Offices of chiropractors.....	62131	134.4	139.6	144.4	-	-	190.7	198.6	207.1	-	-
Offices of optometrists.....	62132	150.0	158.1	158.5	-	-	222.2	243.5	242.8	-	-
Offices of mental health practitioners.....	62133	138.2	144.4	145.8	-	-	169.4	177.0	181.3	-	-
Offices of specialty therapists.....	62134	203.1	206.1	201.5	-	-	294.7	314.0	303.2	-	-
Offices of all other health practitioners.....	62139	244.2	261.0	263.4	-	-	341.2	357.7	365.3	-	-
Outpatient care centers.....	6214	210.7	222.7	223.0	-	-	324.0	350.8	353.8	-	-
Outpatient mental health centers.....	62142	175.9	177.5	179.1	-	-	230.5	243.8	246.6	-	-
Outpatient care centers, except mental health.....	62141,9	226.7	243.6	242.7	-	-	360.8	392.9	395.4	-	-
Freestanding emergency medical centers.....	621493	240.7	269.5	266.3	-	-	368.4	413.1	405.4	-	-
Miscellaneous outpatient care centers.....	621410,98	223.8	242.0	242.3	-	-	358.0	394.0	396.1	-	-
Medical and diagnostic laboratories.....	6215	158.4	162.7	163.2	-	-	227.2	240.3	242.0	-	-
Medical laboratories.....	621511	160.6	165.1	166.6	-	-	232.6	246.3	247.0	-	-
Diagnostic imaging centers.....	621512	152.0	156.0	154.8	-	-	213.3	225.1	230.7	-	-
Home health care services.....	6216	213.1	214.7	215.3	-	-	286.8	289.7	290.0	-	-
Other ambulatory health care services.....	6219	161.4	158.3	162.3	-	-	257.9	258.8	264.7	-	-
Ambulance services.....	62191	162.8	158.6	160.5	-	-	242.6	251.8	255.2	-	-
All other ambulatory health care services.....	62199	159.4	158.3	164.6	-	-	277.1	267.9	275.9	-	-
Hospitals.....	622	128.0	129.8	131.2	-	-	209.0	215.8	218.3	-	-
General medical and surgical hospitals.....	6221	125.3	127.2	128.2	-	-	205.6	212.2	214.1	-	-
Nursing and residential care facilities.....	623	123.0	118.7	120.5	-	-	169.5	166.8	169.2	-	-
Nursing care facilities.....	6231	105.3	101.0	102.8	-	-	147.5	142.7	144.8	-	-
Residential mental health facilities.....	6232	134.4	131.9	133.8	-	-	186.8	190.5	194.7	-	-
Residential intellectual and developmental disability facilities.....	62321	124.7	121.9	123.3	-	-	166.6	169.4	172.6	-	-

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					Percent change from: June 2018 - July 2018 ^P	Index of aggregate weekly payrolls ³				
		July 2017	May 2018	June 2018 ^P	July 2018 ^P	July 2017		May 2018	June 2018 ^P	July 2018 ^P	Percent change from: June 2018 - July 2018 ^P	
Residential mental health and substance abuse facilities.....	62322	156.0	154.0	156.8	-	-	226.4	231.7	237.9	-	-	
Community care facilities for the elderly.....	6233	172.6	165.7	168.7	-	-	241.2	238.3	241.4	-	-	
Continuing care retirement communities.....	623311	209.7	202.3	206.5	-	-	294.6	293.9	298.1	-	-	
Assisted living facilities for the elderly.....	623312	141.9	135.0	137.5	-	-	192.4	186.6	189.6	-	-	
Other residential care facilities.....	6239	101.1	98.0	98.5	-	-	135.1	134.3	135.3	-	-	
Social assistance.....	624	165.5	169.5	168.4	-	-	227.7	238.1	237.4	-	-	
Individual and family services.....	6241	227.2	227.1	228.1	-	-	303.3	310.3	312.6	-	-	
Child and youth services.....	62411	139.2	136.3	136.3	-	-	196.6	198.0	196.9	-	-	
Services for the elderly and persons with disabilities.....	62412	290.4	290.4	291.4	-	-	398.6	408.3	410.9	-	-	
Other individual and family services.....	62419	144.6	144.7	144.6	-	-	208.9	213.2	215.1	-	-	
Emergency and other relief services.....	6242	140.5	140.4	142.0	-	-	211.2	211.4	214.2	-	-	
Vocational rehabilitation services.....	6243	96.0	95.8	96.6	-	-	131.2	132.7	133.9	-	-	
Child day care services.....	6244	120.7	132.8	128.3	-	-	164.1	186.6	180.3	-	-	
Leisure and hospitality.....		140.1	133.0	139.5	142.8	2.4	210.6	208.8	216.9	222.5	2.6	
Arts, entertainment, and recreation.....	71	144.6	116.8	137.0	-	-	195.1	172.1	189.9	-	-	
Performing arts and spectator sports.....	711	134.1	127.3	129.6	-	-	201.5	209.0	206.8	-	-	
Performing arts companies.....	7111	108.9	121.1	120.5	-	-	180.3	246.3	227.9	-	-	
Spectator sports.....	7112	122.1	116.4	119.8	-	-	175.1	167.9	171.7	-	-	
Arts and sports promoters and agents and managers for public figures.....	7113,4	198.4	165.3	171.0	-	-	277.9	251.9	261.5	-	-	
Independent artists, writers, and performers.....	7115	123.3	111.7	114.3	-	-	211.5	189.9	187.8	-	-	
Museums, historical sites, and similar institutions.....	712	159.4	141.0	158.0	-	-	212.0	194.3	211.4	-	-	
Museums.....	71211	137.5	119.9	131.1	-	-	183.6	162.4	171.3	-	-	
Historical sites and other similar institutions.....	71212,3,9	195.1	175.0	200.6	-	-	271.2	260.0	293.3	-	-	
Amusements, gambling, and recreation.....	713	146.2	111.7	137.3	-	-	190.4	154.5	180.7	-	-	
Gambling industries.....	7132	95.3	89.4	88.9	-	-	155.1	149.3	146.3	-	-	
Golf courses and country clubs.....	71391	171.6	135.7	164.5	-	-	227.8	194.2	226.5	-	-	
Skiing facilities.....	71392	100.6	61.9	90.2	-	-	163.3	111.3	154.9	-	-	
Marinas.....	71393	184.3	145.5	175.4	-	-	249.9	205.9	228.7	-	-	
Fitness and recreational sports centers.....	71394	131.3	109.3	129.6	-	-	158.8	134.0	152.9	-	-	
Bowling centers.....	71395	69.8	71.6	70.1	-	-	93.3	96.7	94.6	-	-	
Accommodation and food services.....	72	139.5	135.9	139.6	-	-	214.7	217.8	222.8	-	-	
Accommodation.....	721	128.0	113.4	122.6	-	-	180.7	167.0	177.8	-	-	
Traveler accommodation.....	7211	122.2	112.3	118.5	-	-	175.4	165.7	173.3	-	-	
Hotels and motels, except casino hotels.....	72111	127.8	115.7	122.8	-	-	185.4	173.5	182.3	-	-	
RV parks and recreational camps.....	7212	397.0	167.1	310.8	-	-	436.5	231.4	388.0	-	-	
Food services and drinking places.....	722	142.5	140.9	143.9	-	-	225.6	232.7	236.8	-	-	
Special food services.....	7223	127.3	145.5	139.6	-	-	186.4	217.0	213.2	-	-	
Food service contractors.....	72231	126.7	148.0	138.8	-	-	177.8	212.2	206.5	-	-	
Caterers and mobile food services.....	72232,3	128.8	138.2	142.7	-	-	217.5	235.9	238.3	-	-	
Drinking places, alcoholic beverages.....	7224	103.0	104.7	105.0	-	-	198.8	213.8	214.1	-	-	
Restaurants and other eating places.....	7225	145.1	142.4	145.9	-	-	229.6	235.3	240.0	-	-	
Full-service restaurants.....	722511	139.1	137.6	140.7	-	-	231.6	239.7	243.7	-	-	
Limited-service restaurants.....	722513	148.5	145.3	149.3	-	-	221.5	225.1	230.5	-	-	
Cafeterias, grill buffets, and buffets.....	722514	80.4	78.0	77.2	-	-	108.0	108.4	107.3	-	-	
Snack and nonalcoholic beverage bars.....	722515	231.2	212.1	224.1	-	-	346.6	330.1	347.9	-	-	
Other services.....	81	105.9	104.6	106.6	107.5	0.8	154.0	156.7	158.9	160.9	1.3	
Repair and maintenance.....	811	109.8	110.2	110.8	-	-	152.9	161.9	163.1	-	-	
Automotive repair and maintenance.....	8111	107.7	105.6	106.1	-	-	150.7	154.7	154.8	-	-	
Automotive mechanical and electrical repair.....	81111	99.5	100.6	101.2	-	-	139.4	141.2	142.9	-	-	
General automotive repair.....	811111	112.9	114.6	114.9	-	-	156.8	158.4	159.9	-	-	

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				
		July 2017	May 2018	June 2018 ^p	July 2018 ^p	Percent change from: June 2018 - July 2018 ^p	July 2017	May 2018	June 2018 ^p	July 2018 ^p	Percent change from: June 2018 - July 2018 ^p
Automotive body, interior, and glass repair.....	81112	110.0	106.5	104.2	-	-	158.3	163.2	159.6	-	-
Other automotive repair and maintenance.....	81119	121.2	114.7	118.0	-	-	169.2	178.2	180.0	-	-
Car washes.....	811192	132.8	130.7	135.7	-	-	180.0	202.7	206.7	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	104.8	91.9	93.3	-	-	156.2	148.3	148.4	-	-
Electronic equipment repair and maintenance.....	8112	99.9	97.7	100.8	-	-	131.7	138.6	144.8	-	-
Computer and office machine repair.....	811212	85.4	94.2	100.4	-	-	104.2	124.1	130.2	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	112.1	100.5	101.0	-	-	154.1	150.1	156.5	-	-
Commercial machinery repair and maintenance.....	8113	137.1	149.3	147.7	-	-	194.1	223.8	224.2	-	-
Household goods repair and maintenance.....	8114	89.6	96.5	100.5	-	-	108.5	122.8	129.8	-	-
Personal and laundry services.....	812	109.7	110.7	112.1	-	-	156.6	160.8	160.8	-	-
Personal care services.....	8121	128.2	129.1	131.5	-	-	193.2	195.4	194.7	-	-
Hair, nail, and skin care services.....	81211	117.8	118.8	122.3	-	-	172.9	173.1	175.2	-	-
Other personal care services.....	81219	211.5	210.5	205.6	-	-	368.1	385.9	365.2	-	-
Death care services.....	8122	95.2	95.0	93.5	-	-	141.9	138.0	136.8	-	-
Drycleaning and laundry services.....	8123	81.5	78.8	79.5	-	-	107.5	107.2	108.0	-	-
Coin-operated laundries and drycleaners.....	81231	73.6	60.9	65.4	-	-	82.5	70.9	75.7	-	-
Drycleaning and laundry services, except coin-operated.....	81232	63.1	62.3	61.3	-	-	86.7	88.6	88.2	-	-
Linen and uniform supply.....	81233	107.6	105.1	106.7	-	-	134.0	134.3	134.9	-	-
Other personal services.....	8129	132.5	139.9	143.1	-	-	172.5	191.8	193.4	-	-
Pet care services, except veterinary.....	81291	390.7	375.6	400.0	-	-	420.1	449.9	474.7	-	-
Parking lots and garages.....	81293	128.4	134.6	136.3	-	-	191.0	196.0	195.4	-	-
Membership associations and organizations.....	813	102.6	99.5	102.3	-	-	154.2	153.3	156.6	-	-
Grantmaking and giving services.....	8132	157.0	148.4	148.9	-	-	289.0	277.4	282.8	-	-
Grantmaking foundations.....	813211	294.1	257.3	261.1	-	-	521.1	467.2	475.9	-	-
Social advocacy organizations.....	8133	130.2	126.9	130.2	-	-	222.6	227.3	232.7	-	-
Human rights organizations.....	813311	116.1	111.1	110.9	-	-	185.9	198.4	200.9	-	-
Environment, conservation, and other social advocacy organizations.....	813312,9	134.6	132.0	136.0	-	-	235.5	237.6	243.3	-	-
Civic and social organizations.....	8134	102.8	80.0	93.6	-	-	140.5	119.8	133.7	-	-
Professional and similar organizations.....	8139	102.7	102.8	108.3	-	-	154.2	161.3	167.5	-	-
Business associations.....	81391	102.5	96.3	96.6	-	-	166.0	156.4	154.3	-	-
Professional organizations.....	81392	135.6	150.6	153.8	-	-	210.8	231.1	235.6	-	-
Labor unions and similar labor organizations.....	81393	79.0	88.6	91.5	-	-	118.4	135.7	142.1	-	-
Miscellaneous professional and similar organizations.....	81394,9	110.1	100.4	113.5	-	-	164.6	163.6	181.3	-	-

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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