

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					Index of aggregate weekly payrolls ³				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Total private.....		115.3	119.8	119.2	118.9	-0.3	171.0	181.3	180.1	182.3	1.2
Goods-producing.....		93.4	96.9	97.4	96.3	-1.1	134.3	142.6	143.8	142.9	-0.6
Mining and logging.....		125.7	139.7	141.8	139.6	-1.6	200.1	230.8	234.3	234.3	0.0
Logging.....	1133	73.0	80.0	79.7	-	-	102.9	113.9	111.3	-	-
Mining.....	21	133.0	147.6	150.2	-	-	211.3	243.8	248.2	-	-
Oil and gas extraction.....	211	118.6	141.0	134.6	-	-	208.5	264.6	252.4	-	-
Mining, except oil and gas.....	212	87.5	92.3	95.0	-	-	125.7	133.0	138.1	-	-
Coal mining.....	2121	71.7	71.4	75.6	-	-	105.8	104.7	112.5	-	-
Stone mining and quarrying.....	21231	91.6	95.6	98.0	-	-	133.1	145.6	152.9	-	-
Crushed and broken limestone mining.....	212312	87.3	91.3	94.2	-	-	131.1	138.9	145.5	-	-
Other stone mining and quarrying.....	212311,3,9	97.4	101.4	103.1	-	-	136.1	154.2	162.5	-	-
Support activities for mining.....	213	190.9	213.4	220.1	-	-	329.7	384.2	396.9	-	-
Support activities for oil and gas operations.....	213112	218.6	247.6	258.3	-	-	414.9	496.6	519.4	-	-
Construction.....	23	108.9	115.4	115.5	112.4	-2.7	160.4	173.5	174.1	171.0	-1.8
Construction of buildings.....	236	96.5	100.6	100.2	-	-	145.0	156.0	154.9	-	-
Residential building.....	2361	87.9	93.1	93.4	-	-	125.1	141.9	141.0	-	-
New single-family general contractors.....	236115	65.6	68.3	67.6	-	-	94.1	107.2	104.7	-	-
Residential remodelers.....	236118	128.5	142.5	143.3	-	-	173.1	203.9	203.6	-	-
Nonresidential building.....	2362	104.3	108.0	107.0	-	-	160.7	167.7	166.8	-	-
Industrial building.....	23621	98.0	96.9	96.8	-	-	154.5	157.3	151.9	-	-
Commercial building.....	23622	106.8	112.2	110.9	-	-	163.2	171.5	172.1	-	-
Heavy and civil engineering construction.....	237	121.5	126.5	126.2	-	-	200.5	209.8	210.9	-	-
Utility system construction.....	2371	147.5	155.1	156.8	-	-	254.3	268.7	272.3	-	-
Water and sewer system construction.....	23711	109.9	115.9	117.0	-	-	166.5	178.0	181.6	-	-
Oil and gas pipeline construction.....	23712	212.4	224.8	226.0	-	-	426.0	435.2	437.2	-	-
Power and communication system construction..	23713	154.0	160.7	163.0	-	-	262.1	284.7	288.2	-	-
Highway, street, and bridge construction.....	2373	115.2	121.0	119.2	-	-	172.6	186.1	184.7	-	-
Specialty trade contractors.....	238	109.9	117.6	117.8	-	-	155.5	170.4	171.1	-	-
Building foundation and exterior contractors.....	2381	103.5	107.3	106.6	-	-	143.9	153.7	153.6	-	-
Poured concrete structure contractors.....	23811	130.1	140.2	140.0	-	-	194.9	213.4	215.5	-	-
Steel and precast concrete contractors.....	23812	92.9	97.1	98.1	-	-	124.5	123.8	126.4	-	-
Framing contractors.....	23813	70.6	65.4	68.5	-	-	87.7	86.8	91.9	-	-
Masonry contractors.....	23814	70.9	72.3	72.7	-	-	100.1	101.4	103.8	-	-
Glass and glazing contractors.....	23815	129.2	126.4	125.8	-	-	172.4	183.8	183.2	-	-
Roofing contractors.....	23816	128.0	132.0	128.3	-	-	186.1	202.4	197.0	-	-
Siding contractors.....	23817	117.0	133.3	128.1	-	-	186.6	244.7	233.0	-	-
Other building exterior contractors.....	23819	130.7	145.1	137.9	-	-	167.7	202.7	185.7	-	-
Building equipment contractors.....	2382	113.9	122.7	123.2	-	-	158.8	174.0	175.1	-	-
Electrical contractors.....	23821	100.3	108.5	109.4	-	-	142.2	155.9	156.5	-	-
Plumbing and HVAC contractors.....	23822	126.1	136.5	136.4	-	-	174.5	192.7	194.3	-	-
Other building equipment contractors.....	23829	135.3	139.8	139.0	-	-	181.7	190.9	190.8	-	-
Building finishing contractors.....	2383	95.1	101.5	101.6	-	-	138.2	152.1	152.1	-	-
Drywall and insulation contractors.....	23831	76.6	85.2	85.8	-	-	116.7	129.8	130.3	-	-
Painting and wall covering contractors.....	23832	102.8	103.9	102.8	-	-	136.1	153.2	151.1	-	-
Flooring contractors.....	23833	97.1	110.5	112.1	-	-	143.9	161.2	164.0	-	-
Tile and terrazzo contractors.....	23834	123.4	119.1	123.6	-	-	212.7	198.9	211.1	-	-
Finish carpentry contractors.....	23835	103.9	117.4	115.2	-	-	150.0	182.8	176.8	-	-
Other building finishing contractors.....	23839	123.0	124.8	125.1	-	-	184.5	174.7	176.6	-	-
Other specialty trade contractors.....	2389	130.1	139.9	141.2	-	-	189.9	209.2	211.7	-	-
Site preparation contractors.....	23891	129.7	139.5	141.0	-	-	190.2	208.7	212.1	-	-
All other specialty trade contractors.....	23899	130.8	140.3	141.4	-	-	189.9	209.9	211.1	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Manufacturing.....		84.9	86.5	87.3	87.2	-0.1	116.8	121.1	122.7	123.1	0.3
Durable goods.....		84.7	86.7	87.9	87.5	-0.5	116.6	121.3	123.7	123.7	0.0
Wood products.....	321	72.2	74.8	75.4	74.9	-0.7	102.6	109.2	109.3	108.7	-0.5
Sawmills and wood preservation.....	3211	72.8	75.3	76.4	-	-	99.2	105.3	106.2	-	-
Plywood and engineered wood products.....	3212	66.2	70.6	69.4	-	-	99.2	108.4	105.6	-	-
Other wood products.....	3219	74.3	76.3	77.3	-	-	105.8	111.5	112.4	-	-
Millwork.....	32191	68.7	71.3	70.2	-	-	95.7	102.8	100.4	-	-
Wood windows and doors.....	321911	73.2	74.8	70.8	-	-	108.8	114.5	106.7	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	64.9	68.3	69.7	-	-	83.8	91.9	94.4	-	-
Wood containers and pallets.....	32192	103.3	100.7	104.1	-	-	163.6	161.5	167.5	-	-
All other wood products.....	32199	63.7	67.9	70.6	-	-	89.3	97.8	101.6	-	-
Nonmetallic mineral products.....	327	81.8	86.3	86.7	83.6	-3.6	110.3	120.6	121.2	116.4	-4.0
Cement and concrete products.....	3273	94.3	94.8	95.8	-	-	127.8	132.9	136.0	-	-
Ready-mix concrete.....	32732	92.6	96.8	96.8	-	-	129.3	142.2	145.3	-	-
Other cement and concrete products.....	32731,3,9	96.3	92.6	94.6	-	-	125.8	120.3	123.0	-	-
Primary metals.....	331	76.8	78.0	77.8	77.8	0.0	101.1	104.1	103.8	105.2	1.3
Foundries.....	3315	63.6	64.5	67.0	-	-	81.7	85.3	89.6	-	-
Fabricated metal products.....	332	95.4	99.5	100.5	100.0	-0.5	131.9	138.9	140.5	140.8	0.2
Forging and stamping.....	3321	91.8	96.7	98.6	-	-	123.9	129.9	131.1	-	-
Architectural and structural metals.....	3323	95.5	100.7	101.5	-	-	129.8	140.1	143.0	-	-
Plate work and fabricated structural products...	33231	91.0	99.2	101.6	-	-	127.4	139.6	144.2	-	-
Fabricated structural metal products.....	332312	94.5	105.1	105.6	-	-	131.5	145.6	148.0	-	-
Ornamental and architectural metal products...	33232	99.2	101.9	101.7	-	-	132.0	140.5	142.4	-	-
Sheet metal work.....	332322	116.2	120.5	120.2	-	-	152.0	161.2	164.9	-	-
Boilers, tanks, and shipping containers.....	3324	100.0	99.3	100.3	-	-	137.9	134.4	136.9	-	-
Machine shops and threaded products.....	3327	119.3	124.1	125.8	-	-	163.0	172.9	175.6	-	-
Machine shops.....	33271	130.0	137.3	139.4	-	-	178.0	191.2	193.8	-	-
Turned products and screws, nuts, and bolts...	33272	92.4	91.1	91.2	-	-	123.5	125.5	127.4	-	-
Coating, engraving, and heat treating metals....	3328	94.7	101.1	103.3	-	-	128.7	141.1	141.8	-	-
Metal heat treating and coating and nonprecious engraving.....	332811,2	116.7	121.3	126.9	-	-	149.3	165.9	169.2	-	-
Electroplating, anodizing, and coloring metals..	332813	76.5	84.4	83.9	-	-	111.1	119.7	118.4	-	-
Other fabricated metal products.....	3329	96.2	97.1	96.4	-	-	138.1	137.3	136.6	-	-
Metal valves.....	33291	86.1	84.1	82.9	-	-	125.7	126.7	124.9	-	-
All other fabricated metal products.....	33299	101.6	104.2	103.7	-	-	144.6	143.0	142.9	-	-
Machinery.....	333	92.4	96.9	96.7	96.3	-0.4	131.2	139.5	140.9	140.3	-0.4
Agricultural, construction, and mining machinery.....	3331	117.7	133.8	133.9	-	-	176.1	209.5	211.8	-	-
Farm machinery and equipment.....	333111	85.8	95.2	99.7	-	-	123.9	145.0	156.5	-	-
Industrial machinery.....	3332	89.0	88.6	88.3	-	-	125.7	131.0	131.7	-	-
Commercial and service industry machinery.....	3333	75.9	78.9	79.6	-	-	115.2	120.2	121.9	-	-
HVAC and commercial refrigeration equipment..	3334	80.9	87.0	84.6	-	-	115.8	125.5	127.1	-	-
Metalworking machinery.....	3335	85.3	88.1	87.2	-	-	113.6	118.1	116.5	-	-
Special tools, dies, jigs, and fixtures.....	333514	76.3	76.5	74.6	-	-	104.0	105.6	102.9	-	-
Turbine and power transmission equipment.....	3336	80.4	78.3	81.3	-	-	110.4	108.7	113.1	-	-
Other general purpose machinery.....	3339	100.5	101.7	101.9	-	-	145.7	145.8	148.7	-	-
Computer and electronic products.....	334	84.5	85.9	85.7	85.7	0.0	127.3	132.9	133.8	133.1	-0.5
Communications equipment.....	3342	61.7	58.6	57.5	-	-	78.6	76.7	76.0	-	-
Semiconductors and electronic components.....	3344	72.0	71.2	70.9	-	-	102.3	102.3	102.9	-	-
Semiconductors and related devices.....	334413	74.5	75.3	72.3	-	-	122.8	118.6	113.8	-	-
Electronic connectors and misc. electronic components.....	334416,7,9	63.7	66.1	67.3	-	-	89.2	97.7	100.4	-	-
Electronic instruments.....	3345	125.5	131.6	131.5	-	-	213.6	228.0	228.2	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Electrical equipment and appliances.....	335	78.8	79.9	80.7	80.5	-0.2	112.2	118.6	120.3	121.0	0.6
Electrical equipment.....	3353	80.6	83.4	84.7	-	-	115.6	122.0	124.1	-	-
Other electrical equipment and components.....	3359	93.0	96.5	96.9	-	-	134.5	144.2	146.0	-	-
Transportation equipment.....	336	89.4	88.9	93.0	93.6	0.6	111.1	112.4	118.4	120.2	1.5
Motor vehicles and parts ⁴	3361,2,3	81.9	79.9	85.1	85.5	0.5	84.6	84.1	91.8	92.4	0.7
Motor vehicles.....	3361	78.2	72.6	83.1	-	-	82.8	78.8	90.4	-	-
Motor vehicle bodies and trailers.....	3362	108.4	121.8	116.3	-	-	127.2	148.1	142.4	-	-
Motor vehicle parts.....	3363	78.1	74.7	79.9	-	-	79.1	77.3	84.9	-	-
Motor vehicle gasoline engine and parts.....	33631	69.3	63.0	68.9	-	-	77.8	68.1	75.9	-	-
Motor vehicle power train components.....	33635	72.2	62.6	70.4	-	-	70.3	58.9	70.4	-	-
Motor vehicle metal stamping.....	33637	92.1	88.6	95.6	-	-	88.9	90.8	99.7	-	-
All other motor vehicle parts.....	33639	95.2	90.9	97.5	-	-	107.7	104.6	112.9	-	-
Aerospace products and parts.....	3364	123.3	129.4	129.6	-	-	212.0	220.9	221.0	-	-
Aircraft.....	336411	116.5	127.0	128.7	-	-	187.8	204.2	205.8	-	-
Furniture and related products.....	337	60.1	62.3	62.6	61.4	-1.9	84.5	88.1	89.4	88.2	-1.3
Household and institutional furniture.....	3371	58.1	60.4	60.7	-	-	82.9	86.0	87.0	-	-
Wood kitchen cabinets and countertops.....	33711	76.6	81.6	82.1	-	-	108.6	114.5	115.7	-	-
Other household and institutional furniture.....	33712	47.3	48.0	48.3	-	-	66.8	68.1	69.2	-	-
Upholstered household furniture.....	337121	66.6	64.7	65.9	-	-	90.6	87.6	90.5	-	-
Miscellaneous durable goods manufacturing.....	339	82.2	81.5	82.5	82.0	-0.6	121.9	120.9	121.7	120.6	-0.9
Medical equipment and supplies.....	3391	102.1	100.2	101.2	-	-	154.6	152.0	151.4	-	-
Surgical appliances and supplies.....	339113	111.6	112.8	111.7	-	-	148.5	152.0	150.4	-	-
Dental laboratories.....	339116	78.6	75.2	75.2	-	-	119.7	120.7	119.3	-	-
Other miscellaneous durable goods manufacturing.....	3399	67.6	67.9	68.9	-	-	95.4	95.9	97.9	-	-
Signs.....	33995	96.4	95.6	97.5	-	-	130.7	132.9	137.8	-	-
All other miscellaneous durable goods manufacturing.....	33993,4,9	68.9	68.1	68.8	-	-	101.4	101.3	102.0	-	-
Nondurable goods.....		85.1	85.7	86.0	86.3	0.3	116.6	120.3	120.4	121.5	0.9
Food manufacturing.....	311	115.1	116.4	118.8	118.5	-0.3	154.7	160.7	164.6	164.0	-0.4
Sugar and confectionery products.....	3113	84.8	75.4	80.4	-	-	98.0	103.5	110.3	-	-
Fruit and vegetable preserving and specialty.....	3114	136.5	118.0	136.0	-	-	163.7	154.4	174.7	-	-
Frozen food.....	31141	125.6	116.0	115.4	-	-	166.7	152.6	153.6	-	-
Fruit and vegetable canning and drying.....	31142	148.3	119.8	158.1	-	-	161.0	155.6	194.2	-	-
Dairy products.....	3115	111.2	113.8	116.4	-	-	161.4	164.8	167.7	-	-
Animal slaughtering and processing.....	3116	107.1	107.5	107.7	-	-	148.9	150.1	153.3	-	-
Poultry processing.....	311615	106.0	107.7	109.1	-	-	144.4	147.0	153.9	-	-
Seafood product preparation and packaging.....	3117	107.5	179.5	159.8	-	-	145.1	232.1	210.7	-	-
Bakeries and tortilla manufacturing.....	3118	105.2	107.1	108.5	-	-	144.0	149.2	148.8	-	-
Textile mills.....	313	36.2	36.3	37.5	36.6	-2.4	49.4	51.7	52.6	51.3	-2.5
Textile product mills.....	314	52.6	51.5	51.7	49.9	-3.5	72.5	73.1	72.9	70.9	-2.7
Apparel.....	315	29.5	30.2	29.6	27.9	-5.7	48.8	51.3	49.2	48.9	-0.6
Paper and paper products.....	322	67.7	68.9	69.2	68.1	-1.6	87.8	89.7	89.6	88.9	-0.8
Pulp, paper, and paperboard mills.....	3221	61.9	62.9	63.4	-	-	76.4	76.3	75.6	-	-
Converted paper products.....	3222	70.3	71.6	71.7	-	-	95.5	99.0	99.0	-	-
Paperboard containers.....	32221	75.0	76.5	76.8	-	-	98.6	104.9	105.7	-	-
Corrugated and solid fiber boxes.....	322211	74.9	78.3	79.1	-	-	98.9	104.6	106.7	-	-
Paper bags and coated and treated paper.....	32222	66.1	64.8	65.3	-	-	85.6	84.7	85.6	-	-
Printing and related support activities.....	323	63.1	62.0	61.3	62.4	1.8	78.9	77.5	76.6	78.1	2.0
Petroleum and coal products.....	324	107.4	107.4	104.9	110.5	5.3	190.0	183.3	177.7	193.5	8.9
Chemicals.....	325	98.0	103.9	102.1	103.1	1.0	134.5	145.4	142.5	145.9	2.4
Basic chemicals.....	3251	82.1	83.4	85.0	-	-	110.0	110.4	110.8	-	-
Resin, rubber, and artificial fibers.....	3252	77.1	79.7	79.7	-	-	112.8	122.9	119.4	-	-
Pharmaceuticals and medicines.....	3254	134.5	150.6	149.9	-	-	199.4	228.4	225.0	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Soaps, cleaning compounds, and toiletries.....	3256	91.8	93.6	90.9	-	-	122.5	128.9	126.2	-	-
Plastics and rubber products.....	326	86.9	85.6	85.3	85.6	0.4	114.2	117.4	118.6	116.9	-1.4
Plastics products.....	3261	90.1	89.2	89.1	-	-	123.3	127.9	128.9	-	-
Plastics packaging materials, film, and sheet. . .	32611	105.5	104.2	105.5	-	-	136.6	150.0	152.0	-	-
Foam products.....	32614,5	117.8	108.6	107.1	-	-	158.4	154.9	155.2	-	-
Other plastics products.....	32619	82.9	82.2	82.6	-	-	117.6	119.1	121.5	-	-
Rubber products.....	3262	76.1	73.1	72.1	-	-	88.9	88.2	89.9	-	-
Miscellaneous nondurable goods manufacturing. . .	312,6	106.2	102.6	100.6	105.9	5.3	130.9	128.7	125.5	133.4	6.3
Private service-providing.....		121.4	126.5	125.1	125.1	0.0	182.6	193.9	191.0	194.4	1.8
Trade, transportation, and utilities.....		108.9	112.6	112.0	111.7	-0.3	151.6	160.5	158.9	161.2	1.4
Wholesale trade.....	42	108.4	111.5	110.8	111.3	0.5	157.9	166.5	164.3	168.4	2.5
Durable goods.....	423	102.1	106.2	106.0	-	-	144.9	153.9	152.8	-	-
Motor vehicles and parts.....	4231	100.8	100.6	101.0	-	-	136.0	138.1	137.0	-	-
Motor vehicles.....	42311	99.7	104.1	105.2	-	-	139.1	156.3	152.6	-	-
New motor vehicle parts.....	42312	96.5	93.4	92.4	-	-	125.2	122.2	122.2	-	-
Furniture and furnishings.....	4232	96.5	102.9	101.7	-	-	135.9	146.4	143.7	-	-
Lumber and construction supplies.....	4233	104.6	105.9	105.5	-	-	157.9	164.4	163.1	-	-
Lumber and wood.....	42331	87.9	90.9	90.3	-	-	138.2	147.0	145.2	-	-
Commercial equipment.....	4234	93.6	97.2	96.5	-	-	131.0	137.2	133.7	-	-
Office equipment.....	42342	69.2	68.9	66.4	-	-	100.2	98.9	93.9	-	-
Computer and software.....	42343	79.5	83.1	82.0	-	-	103.4	109.9	105.8	-	-
Medical equipment.....	42345	129.4	133.1	132.4	-	-	204.3	212.6	205.6	-	-
Miscellaneous professional and commercial equipment.....	42341,4,6,9	109.5	117.8	120.6	-	-	170.6	182.3	189.4	-	-
Metals and minerals.....	4235	102.9	106.0	105.0	-	-	140.4	152.8	150.4	-	-
Electric goods.....	4236	94.7	97.4	95.8	-	-	134.1	141.2	140.0	-	-
Electrical equipment and wiring.....	42361	106.3	108.1	106.5	-	-	148.3	146.0	147.2	-	-
Electric appliances and other electronic parts.....	42362,9	84.6	88.2	86.6	-	-	122.5	137.0	134.2	-	-
Hardware and plumbing.....	4237	113.6	122.1	121.4	-	-	170.9	187.9	189.4	-	-
Hardware.....	42371	109.9	117.3	117.6	-	-	170.0	184.2	183.7	-	-
Plumbing equipment.....	42372	120.1	128.5	129.3	-	-	191.1	214.9	224.0	-	-
HVAC and refrigeration equipment.....	42373,4	109.7	119.1	116.3	-	-	151.6	163.6	160.7	-	-
Machinery and supplies.....	4238	105.3	110.7	111.1	-	-	154.7	165.4	166.4	-	-
Construction equipment.....	42381	113.3	121.7	123.3	-	-	167.7	180.3	186.6	-	-
Farm and garden equipment.....	42382	107.5	111.5	112.3	-	-	177.3	190.4	188.3	-	-
Industrial machinery.....	42383	98.4	103.5	104.4	-	-	142.0	149.2	150.7	-	-
Industrial supplies.....	42384	131.5	133.1	133.7	-	-	201.8	212.0	212.9	-	-
Miscellaneous durable goods.....	4239	117.3	123.6	124.1	-	-	170.1	186.6	185.1	-	-
Sporting goods.....	42391	110.9	117.6	119.2	-	-	162.0	187.0	181.7	-	-
Recyclable materials.....	42393	121.8	130.3	129.6	-	-	168.2	190.6	191.0	-	-
Nondurable goods.....	424	105.5	106.3	105.7	-	-	150.7	157.3	155.4	-	-
Paper and paper products.....	4241	82.8	85.8	87.0	-	-	121.7	128.1	129.2	-	-
Druggists' goods.....	4242	88.2	95.6	92.8	-	-	132.4	154.0	147.7	-	-
Apparel and piece goods.....	4243	100.0	95.6	95.1	-	-	138.9	136.3	134.0	-	-
Grocery and related products.....	4244	115.9	115.2	115.3	-	-	160.7	162.9	163.1	-	-
General line grocery.....	42441	113.4	111.2	112.1	-	-	150.8	147.6	147.1	-	-
Fruits and vegetables.....	42448	151.3	150.1	152.6	-	-	210.5	214.4	217.2	-	-
Farm product raw materials.....	4245	101.4	106.1	100.6	-	-	157.8	168.1	159.6	-	-
Chemicals.....	4246	102.4	111.9	110.7	-	-	144.2	164.3	162.2	-	-
Petroleum.....	4247	101.0	95.7	97.5	-	-	158.7	143.6	144.6	-	-
Alcoholic beverages.....	4248	149.0	157.0	153.6	-	-	205.0	219.4	215.7	-	-
Misc. nondurable goods.....	4249	92.8	90.0	90.1	-	-	135.1	141.1	138.6	-	-
Farm supplies.....	42491	115.0	117.3	117.4	-	-	168.5	185.3	183.6	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Nursery stock and florists' supplies.....	42493	76.0	70.5	69.4	-	-	107.8	99.6	100.2	-	-
Electronic markets and agents and brokers.....	425	152.2	158.1	153.1	-	-	235.7	248.3	237.9	-	-
Retail trade.....		102.3	107.0	106.1	104.3	-1.7	135.9	146.4	144.7	144.7	0.0
Motor vehicle and parts dealers.....	441	111.9	117.1	115.6	-	-	138.5	151.0	149.4	-	-
Automobile dealers.....	4411	111.5	116.3	114.1	-	-	132.4	144.5	142.6	-	-
New car dealers.....	44111	105.8	110.1	108.4	-	-	126.2	137.3	136.0	-	-
Used car dealers.....	44112	186.3	194.8	189.7	-	-	243.2	268.4	259.1	-	-
Other motor vehicle dealers.....	4412	112.3	121.5	119.7	-	-	158.8	183.4	176.6	-	-
Auto parts, accessories, and tire stores.....	4413	113.1	118.4	117.3	-	-	155.2	166.5	165.3	-	-
Automotive parts and accessories stores.....	44131	109.1	113.4	112.9	-	-	158.1	168.1	167.1	-	-
Tire dealers.....	44132	120.9	128.7	126.5	-	-	149.7	164.1	162.5	-	-
Furniture and home furnishings stores.....	442	87.6	91.7	91.6	-	-	122.8	133.2	130.9	-	-
Furniture stores.....	4421	86.0	92.5	91.2	-	-	117.4	131.7	125.4	-	-
Home furnishings stores.....	4422	89.4	90.5	92.5	-	-	130.3	134.9	138.8	-	-
Floor covering stores.....	44221	76.4	77.8	79.5	-	-	113.6	116.5	121.3	-	-
Other home furnishings stores.....	44229	100.0	100.7	102.9	-	-	149.1	155.4	158.4	-	-
Electronics and appliance stores.....	443	97.6	99.1	97.4	-	-	138.7	145.7	139.8	-	-
Household appliance stores.....	443141	62.4	66.3	66.2	-	-	85.1	98.7	96.6	-	-
Electronics stores.....	443142	104.3	105.3	103.5	-	-	146.9	152.8	146.6	-	-
Building material and garden supply stores.....	444	99.8	107.8	104.5	-	-	133.6	145.6	142.9	-	-
Building material and supplies dealers.....	4441	98.3	105.2	102.5	-	-	130.7	141.8	140.0	-	-
Home centers.....	44411	111.7	120.0	115.6	-	-	143.6	158.7	154.9	-	-
Hardware stores.....	44413	87.3	93.0	90.9	-	-	118.8	129.3	127.1	-	-
Lawn and garden equipment and supplies stores... ..	4442	110.6	125.4	119.3	-	-	156.0	174.9	167.0	-	-
Food and beverage stores.....	445	93.0	98.5	97.0	-	-	114.8	124.4	123.2	-	-
Grocery stores.....	4451	94.3	99.1	97.5	-	-	117.0	125.6	124.2	-	-
Supermarkets and other grocery stores.....	44511	93.2	98.1	96.5	-	-	115.6	124.4	122.9	-	-
Convenience stores.....	44512	114.2	118.3	118.1	-	-	149.3	154.1	156.9	-	-
Specialty food stores.....	4452	76.7	85.9	84.9	-	-	92.5	106.8	105.5	-	-
Meat markets and fish and seafood markets.....	44521,2	99.9	107.0	106.7	-	-	127.6	134.7	134.7	-	-
Beer, wine, and liquor stores.....	4453	101.1	111.6	108.5	-	-	119.2	136.6	135.7	-	-
Health and personal care stores.....	446	103.3	106.5	105.2	-	-	153.8	163.3	159.7	-	-
Pharmacies and drug stores.....	44611	96.3	96.7	94.8	-	-	153.1	156.1	153.6	-	-
Cosmetic and beauty supply stores.....	44612	140.1	155.5	156.7	-	-	172.3	213.2	198.6	-	-
Optical goods stores.....	44613	129.2	138.8	137.4	-	-	174.3	191.6	190.1	-	-
Other health and personal care stores.....	44619	99.1	104.5	104.9	-	-	132.7	150.0	148.3	-	-
Gasoline stations.....	447	103.6	108.4	107.3	-	-	140.5	147.3	145.4	-	-
Gasoline stations with convenience stores.....	44711	108.3	113.4	112.4	-	-	148.1	155.3	153.6	-	-
Other gasoline stations.....	44719	78.2	82.3	80.6	-	-	105.4	111.9	108.2	-	-
Clothing and clothing accessories stores.....	448	88.5	92.9	95.5	-	-	121.5	133.4	133.9	-	-
Clothing stores.....	4481	88.8	93.6	96.5	-	-	119.1	129.1	130.8	-	-
Women's clothing stores.....	44812	104.9	104.8	104.8	-	-	131.0	131.1	131.1	-	-
Family clothing stores.....	44814	79.8	86.7	90.7	-	-	104.0	118.3	120.7	-	-
Clothing accessories stores.....	44815	116.7	128.9	130.4	-	-	171.1	196.3	193.7	-	-
Shoe stores.....	4482	107.2	112.7	116.1	-	-	171.7	191.6	185.4	-	-
Jewelry, luggage, and leather goods stores.....	4483	72.4	72.3	72.6	-	-	100.7	113.1	112.6	-	-
Sporting goods, hobby, book, and music stores.....	451	98.9	97.2	95.8	-	-	146.0	142.9	139.0	-	-
Sporting goods and musical instrument stores.....	4511	115.3	116.2	114.0	-	-	166.9	166.1	161.4	-	-
Sporting goods stores.....	45111	139.3	154.3	149.8	-	-	194.2	212.1	205.8	-	-
Book stores and news dealers.....	4512	49.4	38.6	40.4	-	-	74.6	61.6	61.6	-	-
General merchandise stores.....	452	117.2	122.0	122.7	-	-	155.9	172.3	173.1	-	-
Miscellaneous store retailers.....	453	82.5	86.0	85.0	-	-	106.0	112.9	111.0	-	-
Florists.....	4531	42.0	42.4	41.6	-	-	57.7	61.1	59.8	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Office supplies, stationery, and gift stores.....	4532	50.4	51.2	51.9	-	-	64.1	64.3	65.2	-	-
Office supplies and stationery stores.....	45321	49.3	47.7	50.2	-	-	59.9	55.5	57.6	-	-
Gift, novelty, and souvenir stores.....	45322	51.6	54.6	53.6	-	-	70.6	77.7	76.7	-	-
Used merchandise stores.....	4533	169.9	176.7	178.5	-	-	250.1	260.4	269.8	-	-
Other miscellaneous store retailers.....	4539	115.2	123.0	118.2	-	-	145.4	162.3	153.0	-	-
Pet and pet supplies stores.....	45391	174.0	184.7	181.2	-	-	237.5	263.8	253.3	-	-
Nonstore retailers.....	454	123.5	125.0	125.3	-	-	177.7	175.1	172.4	-	-
Electronic shopping and mail-order houses.....	4541	162.3	163.9	164.1	-	-	224.6	217.5	213.3	-	-
Transportation and warehousing.....		130.6	133.4	132.9	136.5	2.7	177.9	186.2	184.9	191.0	3.3
Air transportation.....	481	73.8	77.8	73.8	-	-	159.6	170.0	157.8	-	-
Truck transportation.....	484	118.8	122.6	123.2	-	-	164.2	172.1	173.8	-	-
General freight trucking.....	4841	114.4	117.2	117.6	-	-	154.6	159.5	161.0	-	-
General freight trucking, local.....	48411	112.9	118.0	118.4	-	-	155.5	166.8	168.8	-	-
General freight trucking, long-distance.....	48412	115.0	116.8	117.4	-	-	154.4	157.2	158.6	-	-
General freight trucking, long-distance TL.....	484121	110.3	111.8	111.8	-	-	151.0	151.6	151.9	-	-
General freight trucking, long-distance LTL.....	484122	125.9	129.0	130.6	-	-	161.6	169.5	173.0	-	-
Specialized freight trucking.....	4842	130.9	137.3	137.4	-	-	192.6	209.0	210.2	-	-
Used household and office goods moving.....	48421	86.8	106.7	100.9	-	-	118.4	155.7	147.6	-	-
Other specialized trucking, local.....	48422	143.9	145.7	148.8	-	-	216.5	232.9	238.1	-	-
Other specialized trucking, long-distance.....	48423	145.9	149.0	149.4	-	-	206.0	208.5	211.0	-	-
Transit and ground passenger transportation.....	485	146.7	121.7	120.5	-	-	195.8	170.4	169.6	-	-
School and employee bus transportation.....	4854	157.8	94.8	89.5	-	-	217.7	134.5	128.6	-	-
Other ground passenger transportation.....	4859	197.0	201.2	204.3	-	-	246.5	261.9	265.3	-	-
Pipeline transportation.....	486	129.3	132.4	129.3	-	-	239.0	254.0	246.6	-	-
Support activities for transportation.....	488	132.3	138.0	137.9	-	-	169.8	181.9	181.0	-	-
Support activities for air transportation.....	4881	143.7	152.5	153.4	-	-	164.1	177.7	180.0	-	-
Airport operations.....	48811	144.8	160.0	160.7	-	-	140.6	158.3	158.8	-	-
Support activities for water transportation.....	4883	87.8	93.1	92.9	-	-	137.3	150.0	149.8	-	-
Support activities for road transportation.....	4884	159.4	157.0	156.1	-	-	172.0	178.8	177.6	-	-
Freight transportation arrangement.....	4885	133.4	143.4	142.3	-	-	191.2	207.2	201.7	-	-
Support activities for other transportation, including rail.....	4882,9	142.0	138.6	142.1	-	-	212.6	211.7	218.6	-	-
Couriers and messengers.....	492	165.3	170.7	172.5	-	-	204.2	219.4	220.9	-	-
Warehousing and storage.....	493	206.4	219.0	219.2	-	-	240.3	262.7	264.2	-	-
General warehousing and storage.....	49311	219.6	233.2	233.6	-	-	255.7	279.4	281.3	-	-
Utilities.....	22	98.0	97.0	95.9	95.8	-0.1	149.0	148.2	146.8	148.5	1.2
Power generation and supply.....	2211	97.7	96.3	95.8	-	-	155.4	150.6	149.8	-	-
Electric power generation.....	22111	61.1	59.6	59.5	-	-	97.2	92.7	91.5	-	-
Fossil fuel electric power generation.....	221112	67.8	68.1	67.4	-	-	113.9	114.1	111.6	-	-
Electric power transmission and distribution.....	22112	155.1	154.3	152.8	-	-	258.1	253.1	252.4	-	-
Natural gas distribution.....	2212	93.2	91.6	89.8	-	-	126.4	138.8	136.8	-	-
Water, sewage and other systems.....	2213	116.6	119.2	116.3	-	-	148.7	147.9	146.7	-	-
Information.....	51	91.1	93.1	91.0	92.7	1.9	138.8	146.0	142.6	149.1	4.6
Publishing industries, except Internet.....	511	98.8	101.6	99.9	-	-	156.0	164.2	157.7	-	-
Newspaper, book, and directory publishers.....	5111	72.8	69.8	69.0	-	-	109.8	106.5	103.3	-	-
Newspaper publishers.....	51111	65.8	61.2	60.3	-	-	87.2	79.1	76.5	-	-
Periodical publishers.....	51112	88.5	87.9	87.6	-	-	144.9	150.7	143.6	-	-
Software publishers.....	5112	141.2	153.7	150.2	-	-	194.0	212.0	202.5	-	-
Motion picture and sound recording industries.....	512	87.6	96.4	92.9	-	-	102.8	105.9	106.4	-	-
Broadcasting, except Internet.....	515	83.1	81.7	81.0	-	-	126.4	131.3	131.7	-	-
Radio broadcasting.....	51511	83.7	85.9	83.1	-	-	134.4	148.5	147.4	-	-
Telecommunications.....	517	71.3	69.3	67.6	-	-	104.5	108.6	105.8	-	-
Wired and wireless telecommunications carriers.....	5173	77.7	74.7	73.4	-	-	114.2	117.9	115.7	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Data processing, hosting and related services.....	518	115.0	119.7	116.2	-	-	201.8	213.0	210.4	-	-
Other information services.....	519	241.1	268.9	263.8	-	-	384.7	429.0	417.8	-	-
Financial activities.....		113.9	118.9	116.6	118.8	1.9	186.6	196.8	192.3	198.2	3.1
Credit intermediation and related activities.....	522	106.6	111.9	108.7	-	-	174.7	186.0	180.5	-	-
Depository credit intermediation.....	5221	103.5	110.8	106.4	-	-	172.9	190.6	184.5	-	-
Commercial banking.....	52211	109.1	117.6	112.3	-	-	186.5	206.4	199.2	-	-
Savings institutions.....	52212	49.3	51.0	49.9	-	-	74.6	81.8	79.1	-	-
Credit unions and other depository credit intermediation.....	52213,9	129.4	135.6	133.6	-	-	208.5	227.2	224.0	-	-
Nondepository credit intermediation.....	5222	101.3	103.7	101.9	-	-	156.4	163.7	160.4	-	-
Consumer lending.....	522291	107.7	108.2	104.9	-	-	140.4	147.0	144.9	-	-
Real estate credit.....	522292	98.8	101.3	99.8	-	-	144.3	145.7	143.0	-	-
Activities related to credit intermediation.....	5223	143.3	144.1	142.7	-	-	243.9	231.2	218.8	-	-
Securities, commodity contracts, investments, and funds and trusts.....	523,5	128.5	133.9	129.6	-	-	232.9	240.9	232.2	-	-
Securities brokerage.....	52312	106.5	108.6	107.5	-	-	183.7	190.4	190.6	-	-
Securities and commodity contracts brokerage and exchanges.....	5231,2	101.9	104.3	100.6	-	-	192.1	186.8	180.1	-	-
Other financial investment activities, including funds and trusts.....	5239; 525	173.2	183.4	178.2	-	-	299.2	328.5	316.9	-	-
Portfolio management.....	52392	170.9	174.8	170.4	-	-	302.8	330.0	317.2	-	-
Investment advice.....	52393	216.3	242.0	233.1	-	-	359.6	421.1	407.9	-	-
Insurance carriers and related activities.....	524	117.1	119.8	118.2	-	-	179.5	187.4	183.7	-	-
Insurance carriers.....	5241	104.3	106.1	105.2	-	-	161.7	167.7	165.0	-	-
Direct life and health insurance carriers.....	52411	108.7	113.3	113.0	-	-	175.5	187.0	184.9	-	-
Direct insurers, except life and health.....	52412	100.3	98.8	97.4	-	-	146.4	147.2	144.2	-	-
Reinsurance carriers.....	52413	88.8	95.0	91.9	-	-	224.3	215.7	204.8	-	-
Insurance agencies, brokerages, and related services.....	5242	143.3	147.4	144.1	-	-	220.1	231.3	225.3	-	-
Insurance agencies and brokerages.....	52421	141.0	145.0	141.2	-	-	213.5	224.6	218.7	-	-
Other insurance-related activities.....	52429	148.4	153.5	151.1	-	-	234.1	246.9	239.8	-	-
Third-party administration of insurance funds.....	524292	138.9	149.4	146.0	-	-	224.3	247.3	238.4	-	-
Real estate.....	531	121.2	129.1	127.9	-	-	200.5	215.8	213.6	-	-
Lessors of real estate.....	5311	94.6	101.2	100.1	-	-	152.5	171.3	169.5	-	-
Lessors of residential buildings.....	53111	90.2	94.0	93.4	-	-	141.0	150.7	150.1	-	-
Lessors of nonresidential buildings.....	53112	89.5	99.8	97.8	-	-	165.7	203.4	198.7	-	-
Offices of real estate agents and brokers.....	5312	113.6	117.8	116.5	-	-	202.0	211.5	204.7	-	-
Activities related to real estate.....	5313	164.4	176.4	174.8	-	-	258.5	273.0	272.3	-	-
Real estate property managers.....	53131	166.8	179.1	177.7	-	-	260.6	278.0	278.1	-	-
Residential property managers.....	531311	175.8	191.6	190.3	-	-	270.1	298.4	298.6	-	-
Nonresidential property managers.....	531312	146.0	150.2	148.4	-	-	243.0	240.2	240.2	-	-
Rental and leasing services.....	532	98.4	109.3	109.2	-	-	156.3	180.0	180.4	-	-
Home health equipment rental.....	532283	122.3	117.6	121.1	-	-	126.8	130.7	133.3	-	-
General rental centers.....	5323	64.0	61.9	60.3	-	-	63.6	64.3	63.5	-	-
Machinery and equipment rental and leasing.....	5324	156.0	184.9	186.1	-	-	263.4	322.1	324.8	-	-
Heavy machinery rental and leasing.....	53241	144.5	184.0	184.7	-	-	280.5	354.8	356.7	-	-
Office equipment and other machinery rental and leasing.....	53242,9	172.1	186.0	188.7	-	-	239.5	276.9	282.2	-	-
Professional and business services.....		133.0	138.3	137.3	139.0	1.2	205.9	221.3	217.0	223.4	2.9
Professional and technical services.....	54	141.1	149.6	146.6	-	-	222.1	243.0	235.6	-	-
Legal services.....	5411	100.7	107.4	102.5	-	-	151.4	172.9	161.6	-	-
Offices of lawyers.....	54111	98.7	105.7	100.5	-	-	148.7	170.9	159.2	-	-
Other legal services.....	54119	130.7	133.5	130.2	-	-	211.3	221.0	213.4	-	-
Title abstract and settlement offices.....	541191	114.2	116.8	113.9	-	-	162.0	173.7	165.1	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Accounting and bookkeeping services.....	5412	109.3	111.8	109.9	-	-	173.8	185.8	181.4	-	-
Offices of certified public accountants.....	541211	124.0	127.5	123.5	-	-	183.7	193.5	186.3	-	-
Payroll services.....	541214	134.3	135.3	140.3	-	-	210.5	234.0	238.0	-	-
Architectural and engineering services.....	5413	116.2	120.3	119.5	-	-	181.9	191.1	190.5	-	-
Architectural services.....	54131	107.1	114.4	111.1	-	-	161.1	176.5	170.4	-	-
Landscape architectural services.....	54132	77.4	91.6	85.9	-	-	125.4	153.4	146.1	-	-
Engineering and drafting services.....	54133,4	121.9	124.7	124.6	-	-	191.8	198.0	198.3	-	-
Building inspection, surveying, and mapping services.....	54135,6,7	93.1	102.7	103.7	-	-	151.8	169.7	173.9	-	-
Testing laboratories.....	54138	119.2	120.2	120.5	-	-	169.0	181.9	183.6	-	-
Specialized design services.....	5414	115.7	118.7	117.8	-	-	202.0	210.6	206.1	-	-
Graphic design services.....	54143	98.2	95.6	93.9	-	-	176.4	176.2	169.1	-	-
Computer systems design and related services.....	5415	181.7	194.2	189.2	-	-	262.8	291.4	280.7	-	-
Custom computer programming services.....	541511	172.0	185.7	180.2	-	-	245.9	274.5	263.1	-	-
Computer systems design services.....	541512	225.1	238.6	232.4	-	-	309.9	340.8	327.0	-	-
Management and technical consulting services.....	5416	231.6	248.6	245.7	-	-	353.4	380.5	373.2	-	-
Management consulting services.....	54161	228.9	249.8	247.0	-	-	340.3	372.8	364.7	-	-
Administrative management consulting services..	541611	257.4	284.5	280.9	-	-	419.1	453.3	445.6	-	-
Marketing consulting services.....	541613	390.2	424.8	416.9	-	-	553.6	622.2	604.3	-	-
Process and logistics consulting services.....	541614	213.4	233.8	230.6	-	-	264.2	292.4	281.8	-	-
Scientific research and development services.....	5417	134.9	148.9	144.2	-	-	227.0	253.3	243.8	-	-
Research and development in the physical, engineering, and life sciences.....	54171	141.2	155.7	151.0	-	-	238.3	265.7	255.7	-	-
Research and development in nanotechnology..	541713	152.0	188.5	188.9	-	-	251.2	330.2	340.7	-	-
Research and development in biotechnology, except nanobiotechnology.....	541714	174.1	188.5	183.2	-	-	280.1	307.2	299.4	-	-
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology.....	541715	130.3	143.6	138.6	-	-	225.7	250.8	238.6	-	-
Social science and humanities research.....	54172	86.6	97.8	94.0	-	-	129.6	147.3	144.7	-	-
Advertising and related services.....	5418	125.0	129.0	126.0	-	-	203.5	216.4	207.3	-	-
Advertising agencies.....	54181	142.0	149.5	140.6	-	-	216.8	237.4	218.5	-	-
Public relations agencies.....	54182	132.8	141.5	143.4	-	-	214.3	241.1	238.9	-	-
Advertising material distribution and other advertising services.....	54187,9	144.0	150.7	148.8	-	-	236.8	244.0	248.1	-	-
Other professional and technical services.....	5419	164.0	178.7	177.2	-	-	279.7	315.0	309.1	-	-
Marketing research and public opinion polling.....	54191	82.8	87.9	88.2	-	-	140.3	154.5	150.8	-	-
Photographic services.....	54192	69.0	55.1	58.5	-	-	112.3	94.8	100.1	-	-
Veterinary services.....	54194	167.9	184.3	180.0	-	-	266.0	290.0	280.8	-	-
Miscellaneous professional and technical services..	54193,9	423.8	487.0	488.4	-	-	762.2	923.6	916.1	-	-
Management of companies and enterprises.....	55	126.1	130.9	129.0	-	-	217.9	230.3	225.7	-	-
Offices of bank holding companies and of other holding companies.....	55111,2	95.0	111.3	111.0	-	-	157.8	192.3	190.0	-	-
Managing offices.....	551114	127.6	132.1	129.8	-	-	221.6	233.1	227.7	-	-
Administrative and waste services.....	56	128.2	130.8	132.3	-	-	180.8	189.2	190.3	-	-
Administrative and support services.....	561	127.9	130.6	131.7	-	-	181.2	189.4	189.9	-	-
Office administrative services.....	5611	191.9	199.0	196.2	-	-	334.0	354.5	347.8	-	-
Facilities support services.....	5612	154.5	154.0	151.5	-	-	173.3	175.1	172.5	-	-
Employment services.....	5613	120.1	119.6	123.4	-	-	162.5	165.2	168.8	-	-
Employment placement agencies and executive search services.....	56131	105.0	111.3	113.5	-	-	174.7	175.1	171.9	-	-
Temporary help services.....	56132	145.7	143.6	148.6	-	-	195.5	198.5	204.1	-	-
Professional employer organizations.....	56133	49.1	51.8	51.8	-	-	65.4	69.6	69.1	-	-
Business support services.....	5614	126.9	130.4	130.3	-	-	183.8	194.6	192.3	-	-
Telephone call centers.....	56142	162.6	164.0	165.5	-	-	250.0	262.3	261.9	-	-
Business service centers.....	56143	91.2	91.5	88.7	-	-	128.1	124.5	121.0	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Collection agencies.....	56144	85.4	89.2	88.4	-	-	123.2	129.7	126.5	-	-
Travel arrangement and reservation services.....	5615	90.1	91.1	87.6	-	-	146.6	152.4	145.5	-	-
Travel agencies.....	56151	73.8	71.3	69.9	-	-	97.2	101.1	97.7	-	-
Investigation and security services.....	5616	129.1	130.4	131.3	-	-	194.2	205.0	206.3	-	-
Security and armored car services.....	56161	126.5	126.3	127.5	-	-	187.7	194.1	195.1	-	-
Security systems services.....	56162	147.1	158.5	157.2	-	-	223.0	253.9	255.8	-	-
Services to buildings and dwellings.....	5617	142.4	150.6	149.5	-	-	204.0	220.8	219.5	-	-
Exterminating and pest control services.....	56171	170.1	180.1	170.8	-	-	255.4	267.3	251.8	-	-
Janitorial services.....	56172	123.7	131.5	132.4	-	-	170.7	185.1	187.1	-	-
Landscaping services.....	56173	165.8	173.2	171.2	-	-	238.3	256.6	254.8	-	-
Carpet and upholstery cleaning services.....	56174	95.7	103.8	104.4	-	-	130.9	150.1	154.9	-	-
Other services to buildings and dwellings.....	56179	134.3	153.2	147.2	-	-	169.6	196.3	189.4	-	-
Other support services.....	5619	112.8	118.0	116.7	-	-	150.4	159.2	159.2	-	-
Packaging and labeling services.....	56191	125.7	126.1	122.0	-	-	193.3	193.1	185.9	-	-
Convention and trade show organizers.....	56192	98.3	102.1	104.7	-	-	111.2	112.2	118.4	-	-
All other support services.....	56199	113.1	120.1	118.8	-	-	160.9	175.9	174.7	-	-
Waste management and remediation services.....	562	128.8	139.4	137.7	-	-	171.0	191.8	190.2	-	-
Waste collection.....	5621	166.6	178.5	176.2	-	-	225.1	242.6	240.4	-	-
Waste treatment and disposal.....	5622	86.9	91.0	91.1	-	-	133.9	143.4	142.5	-	-
Remediation and other waste services.....	5629	134.8	152.1	149.2	-	-	162.8	198.4	196.9	-	-
Education and health services.....		140.0	142.0	141.2	144.2	2.1	214.2	221.5	220.7	225.9	2.4
Health care and social assistance.....	62	142.0	145.8	145.0	-	-	219.1	229.8	229.0	-	-
Health care ⁵	621,2,3	137.9	141.6	141.1	-	-	218.0	228.1	228.1	-	-
Ambulatory health care services.....	621	159.4	164.3	164.3	-	-	250.2	261.6	262.4	-	-
Offices of physicians.....	6211	138.1	141.9	141.3	-	-	248.7	258.6	258.7	-	-
Offices of physicians, except mental health.....	621111	138.4	142.0	141.5	-	-	250.0	259.7	259.9	-	-
Offices of mental health physicians.....	621112	124.8	138.2	139.4	-	-	188.6	199.9	198.2	-	-
Offices of dentists.....	6212	122.1	124.3	126.3	-	-	173.2	180.3	183.5	-	-
Offices of other health practitioners.....	6213	176.1	184.5	185.1	-	-	257.0	273.6	274.8	-	-
Offices of chiropractors.....	62131	129.9	141.5	139.0	-	-	186.6	199.7	200.5	-	-
Offices of optometrists.....	62132	154.3	157.7	163.1	-	-	232.5	239.2	248.4	-	-
Offices of mental health practitioners.....	62133	139.3	147.4	147.4	-	-	170.1	181.7	177.5	-	-
Offices of specialty therapists.....	62134	196.1	203.2	203.9	-	-	287.4	309.6	309.6	-	-
Offices of all other health practitioners.....	62139	245.1	258.2	259.2	-	-	342.8	356.6	363.0	-	-
Outpatient care centers.....	6214	211.1	225.2	225.3	-	-	330.1	358.9	363.6	-	-
Outpatient mental health centers.....	62142	172.1	181.1	176.9	-	-	230.2	254.4	247.3	-	-
Outpatient care centers, except mental health.....	62141,9	229.0	245.6	247.9	-	-	369.3	400.3	410.0	-	-
Freestanding emergency medical centers.....	621493	242.0	271.7	272.0	-	-	374.5	413.0	425.5	-	-
Miscellaneous outpatient care centers.....	621410,98	230.6	245.2	248.2	-	-	371.3	398.1	404.8	-	-
Medical and diagnostic laboratories.....	6215	158.0	161.2	159.4	-	-	230.1	243.5	240.9	-	-
Medical laboratories.....	621511	160.5	163.3	162.9	-	-	234.3	246.9	247.9	-	-
Diagnostic imaging centers.....	621512	152.3	156.2	150.2	-	-	221.0	235.4	223.5	-	-
Home health care services.....	6216	210.3	217.8	216.3	-	-	282.0	293.6	289.4	-	-
Other ambulatory health care services.....	6219	164.7	161.2	158.5	-	-	267.3	266.4	261.2	-	-
Ambulance services.....	62191	167.4	158.6	158.0	-	-	256.0	256.7	254.4	-	-
All other ambulatory health care services.....	62199	160.3	165.1	159.9	-	-	280.8	278.5	270.5	-	-
Hospitals.....	622	128.7	131.5	131.3	-	-	210.8	221.1	221.4	-	-
General medical and surgical hospitals.....	6221	126.3	128.4	128.3	-	-	207.7	216.7	217.2	-	-
Nursing and residential care facilities.....	623	119.5	124.3	121.1	-	-	166.1	176.6	171.2	-	-
Nursing care facilities.....	6231	102.3	106.3	103.1	-	-	144.3	151.2	146.5	-	-
Residential mental health facilities.....	6232	131.2	136.4	134.6	-	-	183.6	200.2	197.0	-	-
Residential intellectual and developmental disability facilities.....	62321	122.5	125.5	124.6	-	-	164.5	176.1	174.9	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P	Sept. 2017	July 2018	Aug. 2018 ^P	Sept. 2018 ^P	Percent change from: Aug. 2018 - Sept. 2018 ^P
Residential mental health and substance abuse facilities.....	62322	150.7	160.6	157.0	-	-	221.1	247.4	240.5	-	-
Community care facilities for the elderly.....	6233	168.0	174.4	170.9	-	-	236.7	253.3	246.2	-	-
Continuing care retirement communities.....	623311	206.3	210.9	207.6	-	-	293.5	309.3	301.0	-	-
Assisted living facilities for the elderly.....	623312	136.4	144.0	140.5	-	-	185.1	201.9	195.8	-	-
Other residential care facilities.....	6239	96.5	102.6	99.6	-	-	130.4	144.3	135.3	-	-
Social assistance.....	624	165.4	168.3	167.9	-	-	228.7	239.6	237.5	-	-
Individual and family services.....	6241	221.5	231.6	229.1	-	-	296.2	321.3	315.3	-	-
Child and youth services.....	62411	126.9	143.0	136.1	-	-	184.6	212.0	199.4	-	-
Services for the elderly and persons with disabilities.....	62412	284.8	295.6	293.5	-	-	390.3	420.7	415.9	-	-
Other individual and family services.....	62419	141.7	147.7	144.3	-	-	205.8	221.5	214.2	-	-
Emergency and other relief services.....	6242	139.0	146.4	144.5	-	-	207.3	225.0	221.3	-	-
Vocational rehabilitation services.....	6243	94.7	97.4	96.5	-	-	129.6	134.9	133.2	-	-
Child day care services.....	6244	128.0	120.9	124.5	-	-	178.7	168.8	174.5	-	-
Leisure and hospitality.....		128.2	142.7	139.8	131.8	-5.7	195.7	222.3	219.0	209.0	-4.6
Arts, entertainment, and recreation.....	71	116.4	146.6	138.4	-	-	168.4	200.3	192.7	-	-
Performing arts and spectator sports.....	711	127.6	134.3	131.2	-	-	203.9	209.9	208.0	-	-
Performing arts companies.....	7111	106.4	121.0	109.6	-	-	203.5	201.7	192.3	-	-
Spectator sports.....	7112	113.5	126.8	124.6	-	-	173.0	186.9	182.9	-	-
Arts and sports promoters and agents and managers for public figures.....	7113,4	178.5	172.3	176.4	-	-	248.1	268.5	274.9	-	-
Independent artists, writers, and performers.....	7115	138.3	123.3	127.7	-	-	235.5	204.7	217.8	-	-
Museums, historical sites, and similar institutions.....	712	137.3	164.8	155.6	-	-	189.2	220.4	210.5	-	-
Museums.....	71211	119.4	137.8	129.3	-	-	165.1	181.9	172.9	-	-
Historical sites and other similar institutions.....	71212,3,9	166.0	207.9	197.5	-	-	238.4	299.3	287.4	-	-
Amusements, gambling, and recreation.....	713	111.3	148.5	138.7	-	-	151.2	194.4	184.1	-	-
Gambling industries.....	7132	91.6	91.3	88.7	-	-	149.0	150.5	144.7	-	-
Golf courses and country clubs.....	71391	132.0	166.4	155.2	-	-	183.1	229.1	217.4	-	-
Skiing facilities.....	71392	79.4	108.4	103.8	-	-	138.0	188.5	183.5	-	-
Marinas.....	71393	130.8	188.5	167.3	-	-	192.2	236.1	228.9	-	-
Fitness and recreational sports centers.....	71394	100.3	136.9	127.9	-	-	125.5	162.5	154.1	-	-
Bowling centers.....	71395	73.9	69.2	69.1	-	-	100.9	98.0	98.3	-	-
Accommodation and food services.....	72	130.6	142.4	140.6	-	-	202.9	228.0	226.4	-	-
Accommodation.....	721	115.1	130.1	126.4	-	-	166.3	188.4	184.5	-	-
Traveler accommodation.....	7211	113.8	123.7	121.6	-	-	164.8	181.0	178.3	-	-
Hotels and motels, except casino hotels.....	72111	118.2	127.9	125.5	-	-	173.4	189.5	186.4	-	-
RV parks and recreational camps.....	7212	176.9	422.0	348.1	-	-	237.0	535.8	474.4	-	-
Food services and drinking places.....	722	134.6	145.5	143.9	-	-	214.5	240.4	239.0	-	-
Special food services.....	7223	148.7	141.0	144.7	-	-	216.1	216.2	220.2	-	-
Food service contractors.....	72231	152.7	140.9	143.8	-	-	211.7	210.0	211.6	-	-
Caterers and mobile food services.....	72232,3	134.3	141.0	148.8	-	-	230.8	238.5	253.0	-	-
Drinking places, alcoholic beverages.....	7224	101.5	107.7	105.5	-	-	197.6	217.1	214.6	-	-
Restaurants and other eating places.....	7225	134.9	147.3	145.2	-	-	214.7	243.2	241.1	-	-
Full-service restaurants.....	722511	128.7	141.6	140.2	-	-	215.1	246.1	245.0	-	-
Limited-service restaurants.....	722513	138.7	150.4	147.8	-	-	209.1	233.6	230.5	-	-
Cafeterias, grill buffets, and buffets.....	722514	76.3	76.3	75.2	-	-	104.2	107.1	108.3	-	-
Snack and nonalcoholic beverage bars.....	722515	211.5	232.3	229.7	-	-	319.5	362.1	359.8	-	-
Other services.....	81	102.1	107.4	106.6	105.5	-1.0	151.1	160.5	159.0	159.4	0.3
Repair and maintenance.....	811	106.7	110.4	109.8	-	-	153.0	162.1	161.3	-	-
Automotive repair and maintenance.....	8111	105.2	106.2	105.7	-	-	150.8	154.9	153.6	-	-
Automotive mechanical and electrical repair.....	81111	99.4	99.8	100.0	-	-	141.1	141.3	141.2	-	-
General automotive repair.....	811111	112.6	113.9	114.2	-	-	158.1	159.2	158.9	-	-

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				
		Sept. 2017	July 2018	Aug. 2018 ^p	Sept. 2018 ^p	Percent change from: Aug. 2018 - Sept. 2018 ^p	Sept. 2017	July 2018	Aug. 2018 ^p	Sept. 2018 ^p	Percent change from: Aug. 2018 - Sept. 2018 ^p
Automotive body, interior, and glass repair.....	81112	108.1	106.5	106.1	-	-	158.8	161.6	160.2	-	-
Other automotive repair and maintenance.....	81119	112.5	118.2	117.2	-	-	161.8	180.8	179.0	-	-
Car washes.....	811192	123.4	136.8	133.0	-	-	176.5	207.9	200.2	-	-
Auto oil change shops and all other auto repair and maintenance.....	811191,8	96.9	92.4	95.1	-	-	143.7	148.5	153.6	-	-
Electronic equipment repair and maintenance.....	8112	92.2	103.7	99.8	-	-	133.0	149.2	143.4	-	-
Computer and office machine repair.....	811212	85.2	102.2	98.5	-	-	111.5	131.6	126.7	-	-
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	97.9	104.9	101.0	-	-	150.1	163.4	157.0	-	-
Commercial machinery repair and maintenance.....	8113	135.6	145.1	146.1	-	-	194.3	219.8	222.2	-	-
Household goods repair and maintenance.....	8114	86.8	97.1	92.3	-	-	113.9	122.1	119.8	-	-
Personal and laundry services.....	812	106.0	111.6	113.9	-	-	151.6	162.2	164.3	-	-
Personal care services.....	8121	125.1	129.9	134.5	-	-	186.0	194.5	199.5	-	-
Hair, nail, and skin care services.....	81211	116.3	121.7	127.1	-	-	167.1	176.6	181.0	-	-
Other personal care services.....	81219	192.9	193.7	190.3	-	-	344.8	346.7	352.9	-	-
Death care services.....	8122	91.7	93.4	94.4	-	-	139.1	139.2	139.6	-	-
Drycleaning and laundry services.....	8123	78.7	79.8	80.9	-	-	106.4	111.0	113.3	-	-
Coin-operated laundries and drycleaners.....	81231	71.7	63.3	64.5	-	-	81.9	74.7	77.2	-	-
Drycleaning and laundry services, except coin-operated.....	81232	62.2	58.8	59.9	-	-	86.2	84.3	88.0	-	-
Linen and uniform supply.....	81233	101.8	111.3	112.3	-	-	132.1	145.7	146.6	-	-
Other personal services.....	8129	125.6	142.7	143.7	-	-	163.8	193.8	191.8	-	-
Pet care services, except veterinary.....	81291	359.2	398.3	412.4	-	-	398.6	473.9	472.5	-	-
Parking lots and garages.....	81293	123.9	135.5	134.6	-	-	185.7	196.7	192.9	-	-
Membership associations and organizations.....	813	98.4	104.1	101.8	-	-	150.3	159.4	156.0	-	-
Grantmaking and giving services.....	8132	141.2	158.0	148.5	-	-	257.4	307.5	279.6	-	-
Grantmaking foundations.....	813211	244.1	274.6	255.1	-	-	442.2	515.3	459.1	-	-
Social advocacy organizations.....	8133	124.7	130.1	127.5	-	-	219.2	239.4	230.5	-	-
Human rights organizations.....	813311	109.4	111.6	110.9	-	-	185.5	208.6	202.4	-	-
Environment, conservation, and other social advocacy organizations.....	813312,9	129.6	136.0	132.9	-	-	231.3	250.3	240.8	-	-
Civic and social organizations.....	8134	77.6	103.7	91.7	-	-	117.5	145.9	134.1	-	-
Professional and similar organizations.....	8139	99.5	112.3	108.5	-	-	152.3	171.7	167.6	-	-
Business associations.....	81391	98.0	100.3	96.7	-	-	158.1	161.8	156.0	-	-
Professional organizations.....	81392	141.8	154.7	150.2	-	-	220.8	236.9	229.6	-	-
Labor unions and similar labor organizations.....	81393	82.2	88.6	88.7	-	-	123.2	138.8	137.9	-	-
Miscellaneous professional and similar organizations.....	81394,9	98.7	124.8	117.5	-	-	149.8	196.9	190.4	-	-

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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