

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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.....		115.0	117.6	117.4	117.6	0.2	170.6	178.1	178.5	179.2	0.4
Goods-producing.....		90.9	94.5	94.4	94.3	-0.1	130.0	138.4	138.7	139.0	0.2
Mining and logging.....		123.7	136.2	138.1	135.8	-1.7	197.2	223.8	229.3	228.2	-0.5
Logging ⁴	1133	69.8	76.2	74.8	-	-	98.6	107.1	104.2	-	-
Mining ⁴	21	130.9	143.9	146.7	-	-	208.3	236.5	243.7	-	-
Oil and gas extraction ⁴	211	120.6	134.8	133.9	-	-	212.4	249.2	250.8	-	-
Mining, except oil and gas ⁴	212	84.8	88.9	90.4	-	-	122.0	128.6	132.3	-	-
Coal mining ⁴	2121	71.2	70.9	74.4	-	-	105.8	105.6	111.2	-	-
Stone mining and quarrying ⁴	21231	84.9	89.6	90.2	-	-	122.7	134.6	139.5	-	-
Crushed and broken limestone mining ⁴	212312	80.6	84.5	85.3	-	-	119.0	126.4	129.2	-	-
Other stone mining and quarrying ⁴	212311,3,9	90.1	95.3	95.3	-	-	126.7	143.8	149.5	-	-
Support activities for mining ⁴	213	190.8	211.7	218.0	-	-	328.7	377.8	395.5	-	-
Support activities for oil and gas operations ⁴	213112	217.4	245.9	254.9	-	-	410.5	487.0	514.0	-	-
Construction.....	23	103.0	108.3	108.0	107.6	-0.4	150.7	162.1	161.9	162.0	0.1
Construction of buildings ⁴	236	93.0	96.3	96.0	-	-	139.7	149.3	149.1	-	-
Residential building ⁴	2361	85.4	89.2	89.5	-	-	121.9	136.5	136.4	-	-
New single-family general contractors ⁴	236115	63.9	65.3	64.8	-	-	91.8	102.3	101.3	-	-
Residential remodelers ⁴	236118	124.4	137.2	137.8	-	-	168.6	197.7	197.2	-	-
Nonresidential building ⁴	2362	99.5	103.0	102.3	-	-	152.8	159.5	159.3	-	-
Industrial building ⁴	23621	92.7	96.0	95.2	-	-	145.7	156.6	152.5	-	-
Commercial building ⁴	23622	102.3	105.7	104.8	-	-	156.5	160.9	161.1	-	-
Heavy and civil engineering construction ⁴	237	107.1	114.2	113.6	-	-	173.0	187.3	187.8	-	-
Utility system construction ⁴	2371	135.5	147.0	147.2	-	-	228.9	253.8	257.2	-	-
Water and sewer system construction ⁴	23711	100.5	107.9	107.7	-	-	149.3	164.9	165.9	-	-
Oil and gas pipeline construction ⁴	23712	193.8	204.4	207.6	-	-	380.9	391.3	398.6	-	-
Power and communication system construction ⁴	23713	146.7	159.6	158.9	-	-	248.5	284.1	283.6	-	-
Highway, street, and bridge construction ⁴	2373	93.2	99.2	98.0	-	-	134.1	148.2	147.1	-	-
Specialty trade contractors ⁴	238	105.0	111.2	110.8	-	-	147.8	160.8	160.5	-	-
Building foundation and exterior contractors ⁴	2381	97.7	101.1	98.6	-	-	134.4	143.6	141.1	-	-
Poured concrete structure contractors ⁴	23811	120.0	129.6	127.6	-	-	179.8	197.5	195.9	-	-
Steel and precast concrete contractors ⁴	23812	90.6	97.0	95.4	-	-	120.6	123.5	124.8	-	-
Framing contractors ⁴	23813	69.0	64.0	63.6	-	-	85.6	85.0	84.5	-	-
Masonry contractors ⁴	23814	66.2	68.2	66.8	-	-	91.5	94.5	93.5	-	-
Glass and glazing contractors ⁴	23815	127.6	123.2	121.1	-	-	167.7	178.8	176.6	-	-
Roofing contractors ⁴	23816	115.9	120.2	116.8	-	-	166.7	179.7	176.3	-	-
Siding contractors ⁴	23817	106.3	120.3	117.3	-	-	169.4	219.3	213.3	-	-
Other building exterior contractors ⁴	23819	127.9	143.9	137.9	-	-	164.4	200.7	185.8	-	-
Building equipment contractors ⁴	2382	111.8	118.7	118.7	-	-	155.0	167.6	167.7	-	-
Electrical contractors ⁴	23821	98.6	105.4	105.3	-	-	138.8	150.6	150.2	-	-
Plumbing and HVAC contractors ⁴	23822	123.6	130.2	130.8	-	-	169.9	183.6	185.8	-	-
Other building equipment contractors ⁴	23829	131.8	137.1	138.1	-	-	177.5	186.7	190.0	-	-
Building finishing contractors ⁴	2383	91.6	97.5	96.0	-	-	132.7	146.0	142.7	-	-
Drywall and insulation contractors ⁴	23831	74.9	83.0	83.1	-	-	113.2	126.1	125.6	-	-
Painting and wall covering contractors ⁴	23832	96.0	94.9	92.5	-	-	126.2	139.5	135.6	-	-
Flooring contractors ⁴	23833	97.1	105.0	103.1	-	-	143.1	149.6	145.5	-	-
Tile and terrazzo contractors ⁴	23834	119.3	115.3	117.5	-	-	206.3	192.0	196.6	-	-
Finish carpentry contractors ⁴	23835	100.9	113.4	110.7	-	-	144.3	176.7	170.0	-	-
Other building finishing contractors ⁴	23839	115.8	119.8	114.8	-	-	169.8	167.6	161.5	-	-
Other specialty trade contractors ⁴	2389	116.9	126.1	126.9	-	-	168.1	188.1	189.6	-	-
Site preparation contractors ⁴	23891	117.7	128.2	127.9	-	-	168.7	189.6	190.4	-	-
All other specialty trade contractors ⁴	23899	115.7	123.3	124.5	-	-	168.0	185.8	186.8	-	-
Manufacturing.....		84.0	86.5	86.5	86.4	-0.1	115.3	121.3	121.8	121.9	0.1
Durable goods.....		84.6	87.4	87.5	87.3	-0.2	116.2	122.5	123.0	123.1	0.1
Wood products.....	321	72.4	74.2	74.3	75.0	0.9	102.8	108.0	107.8	108.7	0.8

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Sawmills and wood preservation ⁴	3211	73.8	74.9	75.3	-	-	100.2	104.3	104.6	-	-
Plywood and engineered wood products ⁴	3212	64.5	68.4	67.4	-	-	96.0	104.8	102.4	-	-
Other wood products ⁴	3219	74.4	76.3	77.1	-	-	105.9	111.4	112.3	-	-
Millwork ⁴	32191	68.4	70.8	69.2	-	-	95.5	101.3	98.7	-	-
Wood windows and doors ⁴	321911	70.9	72.9	70.2	-	-	105.7	110.9	106.0	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring ⁴	321912,8	65.9	69.0	68.5	-	-	85.7	92.5	91.6	-	-
Wood containers and pallets ⁴	32192	101.0	100.5	103.2	-	-	161.5	161.2	167.4	-	-
All other wood products ⁴	32199	65.4	68.5	70.9	-	-	92.5	99.0	102.1	-	-
Nonmetallic mineral products.....	327	78.4	82.8	83.1	81.3	-2.2	104.7	114.7	115.3	112.1	-2.8
Cement and concrete products ⁴	3273	87.0	87.1	88.9	-	-	117.2	121.2	125.3	-	-
Ready-mix concrete ⁴	32732	82.8	86.1	86.6	-	-	115.0	125.3	129.0	-	-
Other cement and concrete products ⁴	32731,3,9	92.4	88.6	91.7	-	-	121.4	115.4	119.7	-	-
Primary metals.....	331	76.5	78.0	77.8	77.7	-0.1	99.7	103.5	103.3	104.0	0.7
Foundries ⁴	3315	63.4	65.9	66.9	-	-	80.6	87.6	89.4	-	-
Fabricated metal products.....	332	95.5	99.8	100.4	100.3	-0.1	131.8	139.7	140.5	140.9	0.3
Forging and stamping ⁴	3321	91.6	97.3	99.2	-	-	123.5	130.2	132.0	-	-
Architectural and structural metals ⁴	3323	95.5	99.8	100.7	-	-	129.7	139.3	141.5	-	-
Plate work and fabricated structural products ⁴	33231	91.2	99.3	100.3	-	-	127.6	140.4	142.4	-	-
Fabricated structural metal products ⁴	332312	94.4	104.8	103.3	-	-	132.4	146.5	144.3	-	-
Ornamental and architectural metal products ⁴	33232	98.4	99.7	99.7	-	-	131.0	137.7	138.8	-	-
Sheet metal work ⁴	332322	115.6	119.1	118.9	-	-	150.9	159.3	162.3	-	-
Boilers, tanks, and shipping containers ⁴	3324	99.8	100.3	99.8	-	-	138.1	136.1	136.9	-	-
Machine shops and threaded products ⁴	3327	119.5	124.8	125.5	-	-	162.9	174.8	175.5	-	-
Machine shops ⁴	33271	130.9	138.1	139.3	-	-	178.7	193.0	193.9	-	-
Turned products and screws, nuts, and bolts ⁴	33272	92.2	91.7	91.7	-	-	123.0	126.6	128.2	-	-
Coating, engraving, and heat treating metals ⁴	3328	94.5	102.7	103.1	-	-	129.7	143.4	142.4	-	-
Metal heat treating and coating and nonprecious engraving ⁴	332811,2	116.1	123.7	124.7	-	-	149.8	169.0	166.1	-	-
Electroplating, anodizing, and coloring metals ⁴	332813	76.9	84.2	84.7	-	-	112.7	119.5	120.6	-	-
Other fabricated metal products ⁴	3329	96.7	96.7	96.7	-	-	137.7	137.1	136.6	-	-
Metal valves ⁴	33291	86.5	83.4	83.6	-	-	126.2	125.9	125.8	-	-
All other fabricated metal products ⁴	33299	102.4	103.9	103.1	-	-	143.9	142.6	141.2	-	-
Machinery.....	333	92.7	96.9	96.5	96.8	0.3	131.8	139.7	140.0	140.4	0.3
Agricultural, construction, and mining machinery ⁴	3331	120.5	135.2	135.2	-	-	181.0	210.7	209.7	-	-
Farm machinery and equipment ⁴	333111	85.6	95.0	96.7	-	-	123.2	144.8	149.9	-	-
Industrial machinery ⁴	3332	89.7	89.3	88.1	-	-	126.1	131.3	130.3	-	-
Commercial and service industry machinery ⁴	3333	75.1	79.6	79.4	-	-	114.5	120.4	121.3	-	-
HVAC and commercial refrigeration equipment ⁴	3334	80.1	83.5	82.8	-	-	114.5	121.6	123.0	-	-
Metalworking machinery ⁴	3335	85.1	88.0	87.2	-	-	113.3	118.6	116.7	-	-
Special tools, dies, jigs, and fixtures ⁴	333514	75.1	76.5	74.6	-	-	101.8	106.3	103.0	-	-
Turbine and power transmission equipment ⁴	3336	80.8	80.2	80.9	-	-	111.0	111.0	112.3	-	-
Other general purpose machinery ⁴	3339	99.9	101.3	101.5	-	-	145.3	145.5	148.1	-	-
Computer and electronic products.....	334	84.6	86.0	85.7	85.3	-0.5	127.9	132.7	133.7	132.7	-0.7
Communications equipment ⁴	3342	61.5	58.3	57.5	-	-	78.2	75.9	75.4	-	-
Semiconductors and electronic components ⁴	3344	72.1	71.9	71.3	-	-	102.4	103.8	103.4	-	-
Semiconductors and related devices ⁴	334413	73.5	74.6	73.1	-	-	122.2	118.1	115.8	-	-
Electronic connectors and misc. electronic components ⁴	334416,7,9	64.8	67.3	67.9	-	-	91.0	99.9	101.2	-	-
Electronic instruments ⁴	3345	126.2	132.3	131.2	-	-	214.3	228.0	227.2	-	-
Electrical equipment and appliances.....	335	79.1	80.4	81.0	80.1	-1.1	112.4	119.1	120.6	120.2	-0.3
Electrical equipment ⁴	3353	80.1	83.6	83.6	-	-	115.2	122.5	123.0	-	-
Other electrical equipment and components ⁴	3359	93.4	97.5	96.2	-	-	134.6	145.9	144.7	-	-
Transportation equipment.....	336	89.1	92.6	93.2	93.3	0.1	110.0	117.4	118.6	119.5	0.8
Motor vehicles and parts ⁵	3361,2,3	81.4	84.8	85.2	84.9	-0.4	83.9	90.6	91.6	91.3	-0.3
Motor vehicles ⁴	3361	76.7	76.5	83.4	-	-	81.1	82.8	91.1	-	-
Motor vehicle bodies and trailers ⁴	3362	110.3	120.1	117.9	-	-	129.2	146.7	143.9	-	-
Motor vehicle parts ⁴	3363	78.0	79.8	79.6	-	-	78.4	83.8	84.1	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Motor vehicle gasoline engine and parts ⁴	33631	68.3	66.1	68.5	-	-	76.6	72.5	76.1	-	-
Motor vehicle power train components ⁴	33635	70.5	65.8	69.7	-	-	68.2	64.2	69.0	-	-
Motor vehicle metal stamping ⁴	33637	90.9	95.1	94.9	-	-	86.9	97.6	97.8	-	-
All other motor vehicle parts ⁴	33639	95.3	94.5	97.7	-	-	107.8	109.0	112.9	-	-
Aerospace products and parts ⁴	3364	123.0	130.0	129.6	-	-	209.6	223.2	222.1	-	-
Aircraft ⁴	336411	115.8	128.1	128.8	-	-	185.3	206.9	207.1	-	-
Furniture and related products.....	337	60.7	61.4	61.1	61.2	0.2	85.1	87.1	86.9	87.6	0.8
Household and institutional furniture ⁴	3371	58.7	59.7	59.1	-	-	83.6	85.3	84.6	-	-
Wood kitchen cabinets and countertops ⁴	33711	76.4	80.2	80.8	-	-	108.6	113.4	113.7	-	-
Other household and institutional furniture ⁴	33712	48.0	47.7	46.8	-	-	67.5	67.7	67.0	-	-
Upholstered household furniture ⁴	337121	67.7	65.8	65.4	-	-	92.0	89.4	89.6	-	-
Miscellaneous durable goods manufacturing.....	339	82.1	82.0	82.4	82.5	0.1	121.5	121.6	122.1	121.5	-0.5
Medical equipment and supplies ⁴	3391	102.4	100.8	101.2	-	-	154.5	152.5	152.3	-	-
Surgical appliances and supplies ⁴	339113	110.6	114.8	112.0	-	-	148.3	154.6	150.5	-	-
Dental laboratories ⁴	339116	77.7	74.9	75.7	-	-	119.0	120.4	119.2	-	-
Other miscellaneous durable goods manufacturing ⁴ ...	3399	67.3	68.3	69.0	-	-	95.1	96.9	98.4	-	-
Signs ⁴	33995	93.6	95.9	96.3	-	-	127.5	133.3	136.2	-	-
All other miscellaneous durable goods manufacturing ⁴	33993,4,9	68.5	70.1	70.2	-	-	100.4	105.1	105.2	-	-
Nondurable goods.....		83.3	85.3	84.6	84.6	0.0	114.2	119.4	119.1	119.2	0.1
Food manufacturing.....	311	110.2	114.5	113.9	114.1	0.2	148.2	158.4	158.4	158.0	-0.3
Sugar and confectionery products ⁴	3113	83.1	79.1	78.9	-	-	95.0	106.6	107.3	-	-
Fruit and vegetable preserving and specialty ⁴	3114	112.2	108.2	109.8	-	-	136.7	142.0	143.8	-	-
Frozen food ⁴	31141	112.4	111.5	106.2	-	-	149.4	147.0	143.2	-	-
Fruit and vegetable canning and drying ⁴	31142	111.5	107.4	115.4	-	-	124.7	140.3	147.8	-	-
Dairy products ⁴	3115	110.5	112.6	115.0	-	-	158.8	163.1	165.5	-	-
Animal slaughtering and processing ⁴	3116	106.4	107.3	107.3	-	-	146.9	150.4	152.6	-	-
Poultry processing ⁴	311615	104.6	107.1	108.7	-	-	141.5	147.9	152.5	-	-
Seafood product preparation and packaging ⁴	3117	92.8	111.3	110.0	-	-	125.9	145.2	147.1	-	-
Bakeries and tortilla manufacturing ⁴	3118	102.6	107.6	107.8	-	-	140.5	148.8	147.6	-	-
Textile mills.....	313	35.9	36.9	37.1	36.2	-2.4	49.2	52.1	52.1	50.8	-2.5
Textile product mills.....	314	52.4	51.2	50.8	50.1	-1.4	72.2	72.6	71.8	71.2	-0.8
Apparel.....	315	29.5	30.6	29.8	28.1	-5.7	48.8	51.8	50.0	49.1	-1.8
Paper and paper products.....	322	67.5	69.0	69.0	68.3	-1.0	87.1	89.4	89.7	88.8	-1.0
Pulp, paper, and paperboard mills ⁴	3221	61.6	62.9	64.4	-	-	76.0	75.8	77.2	-	-
Converted paper products ⁴	3222	70.3	71.8	71.3	-	-	94.9	99.2	98.6	-	-
Paperboard containers ⁴	32221	74.0	76.7	76.2	-	-	96.9	105.6	105.6	-	-
Corrugated and solid fiber boxes ⁴	322211	74.4	77.8	77.2	-	-	97.6	104.4	104.5	-	-
Paper bags and coated and treated paper ⁴	32222	66.8	65.2	65.0	-	-	86.4	85.2	85.8	-	-
Printing and related support activities.....	323	62.7	62.4	61.0	62.1	1.8	78.3	78.4	76.3	77.7	1.8
Petroleum and coal products.....	324	106.1	103.7	102.3	105.5	3.1	187.0	178.2	176.3	185.4	5.2
Chemicals.....	325	98.1	103.2	102.3	103.1	0.8	133.7	143.4	143.6	145.7	1.5
Basic chemicals ⁴	3251	81.5	84.2	86.2	-	-	109.2	109.3	114.0	-	-
Resin, rubber, and artificial fibers ⁴	3252	76.3	80.0	79.4	-	-	111.2	121.1	119.4	-	-
Pharmaceuticals and medicines ⁴	3254	135.4	148.3	149.0	-	-	199.8	224.7	225.2	-	-
Soaps, cleaning compounds, and toiletries ⁴	3256	92.0	93.1	92.0	-	-	120.7	128.0	127.9	-	-
Plastics and rubber products.....	326	86.1	85.9	85.2	84.9	-0.4	113.0	117.6	117.9	115.8	-1.8
Plastics products ⁴	3261	89.2	89.0	89.0	-	-	121.8	127.6	128.6	-	-
Plastics packaging materials, film, and sheet ⁴	32611	104.6	105.1	104.9	-	-	134.7	150.3	150.5	-	-
Foam products ⁴	32614,5	114.1	109.3	106.8	-	-	152.5	155.4	153.9	-	-
Other plastics products ⁴	32619	81.6	82.0	82.5	-	-	115.7	118.7	120.9	-	-
Rubber products ⁴	3262	75.3	75.0	72.2	-	-	88.6	90.2	88.8	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	103.1	101.2	100.5	101.5	1.0	126.6	126.7	126.0	127.7	1.3
Private service-providing.....		121.8	123.9	123.8	123.9	0.1	183.3	190.4	190.9	191.5	0.3
Trade, transportation, and utilities.....		109.4	111.4	111.5	111.6	0.1	151.9	158.0	159.2	159.7	0.3
Wholesale trade.....	42	108.6	110.0	110.6	110.2	-0.4	159.0	163.1	165.0	165.6	0.4

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Durable goods ⁴	423	102.3	104.8	105.8	-	-	145.5	150.7	153.4	-	-
Motor vehicles and parts ⁴	4231	101.3	100.6	100.4	-	-	136.9	136.7	137.5	-	-
Motor vehicles ⁴	42311	100.3	103.6	104.8	-	-	138.9	153.9	153.7	-	-
New motor vehicle parts ⁴	42312	96.4	92.8	91.8	-	-	125.8	120.8	122.6	-	-
Furniture and furnishings ⁴	4232	97.7	101.7	102.3	-	-	135.9	144.8	144.9	-	-
Lumber and construction supplies ⁴	4233	103.9	103.3	104.1	-	-	156.3	160.0	161.2	-	-
Lumber and wood ⁴	42331	87.5	88.8	89.5	-	-	136.7	143.0	144.3	-	-
Commercial equipment ⁴	4234	94.9	96.1	97.1	-	-	133.6	134.5	135.8	-	-
Office equipment ⁴	42342	69.9	67.4	67.4	-	-	101.8	96.3	96.7	-	-
Computer and software ⁴	42343	80.4	81.1	82.5	-	-	106.7	105.5	107.6	-	-
Medical equipment ⁴	42345	132.3	132.3	133.6	-	-	208.5	210.3	208.4	-	-
Miscellaneous professional and commercial equipment ⁴	42341,4,6,9	110.2	116.5	118.7	-	-	171.9	180.5	188.8	-	-
Metals and minerals ⁴	4235	102.9	104.6	103.8	-	-	140.7	150.2	149.7	-	-
Electric goods ⁴	4236	95.5	95.5	95.9	-	-	134.9	137.5	139.7	-	-
Electrical equipment and wiring ⁴	42361	108.1	106.4	106.2	-	-	150.2	143.8	145.7	-	-
Electric appliances and other electronic parts ⁴	42362,9	85.1	86.7	87.0	-	-	123.3	133.8	135.1	-	-
Hardware and plumbing ⁴	4237	113.8	120.3	121.1	-	-	170.6	184.7	189.1	-	-
Hardware ⁴	42371	110.8	115.0	116.1	-	-	170.9	180.0	182.1	-	-
Plumbing equipment ⁴	42372	119.7	127.6	129.9	-	-	189.2	213.6	224.3	-	-
HVAC and refrigeration equipment ⁴	42373,4	110.1	116.2	115.8	-	-	152.5	158.8	160.3	-	-
Machinery and supplies ⁴	4238	105.6	108.9	110.5	-	-	154.9	161.9	166.4	-	-
Construction equipment ⁴	42381	114.6	119.5	123.1	-	-	167.8	177.3	187.0	-	-
Farm and garden equipment ⁴	42382	105.9	107.2	109.1	-	-	174.1	181.2	183.8	-	-
Industrial machinery ⁴	42383	98.7	102.6	104.6	-	-	143.0	146.8	151.8	-	-
Industrial supplies ⁴	42384	132.8	131.0	133.0	-	-	202.6	206.2	210.2	-	-
Miscellaneous durable goods ⁴	4239	117.5	122.7	123.8	-	-	171.4	183.8	185.0	-	-
Sporting goods ⁴	42391	110.1	115.1	116.5	-	-	161.8	181.6	178.5	-	-
Recyclable materials ⁴	42393	121.8	129.5	129.3	-	-	168.4	187.5	189.9	-	-
Nondurable goods ⁴	424	105.3	104.9	105.4	-	-	150.9	154.8	155.6	-	-
Paper and paper products ⁴	4241	83.2	85.0	86.4	-	-	121.7	127.3	130.4	-	-
Druggists' goods ⁴	4242	89.1	94.5	92.6	-	-	135.2	149.6	147.1	-	-
Apparel and piece goods ⁴	4243	99.4	96.2	95.4	-	-	138.0	137.0	135.1	-	-
Grocery and related products ⁴	4244	114.4	113.3	114.4	-	-	159.4	159.9	161.9	-	-
General line grocery ⁴	42441	113.2	109.9	111.8	-	-	151.6	143.3	146.4	-	-
Fruits and vegetables ⁴	42448	147.3	146.6	149.8	-	-	206.3	208.5	214.2	-	-
Farm product raw materials ⁴	4245	99.5	104.5	105.9	-	-	155.9	166.1	168.5	-	-
Chemicals ⁴	4246	103.6	110.0	111.0	-	-	146.4	161.5	163.3	-	-
Petroleum ⁴	4247	102.0	96.1	98.3	-	-	159.7	143.6	146.0	-	-
Alcoholic beverages ⁴	4248	148.1	150.0	150.4	-	-	202.4	211.8	214.7	-	-
Misc. nondurable goods ⁴	4249	94.4	88.9	91.1	-	-	137.6	138.8	140.3	-	-
Farm supplies ⁴	42491	115.4	113.6	117.7	-	-	168.8	178.8	183.7	-	-
Nursery stock and florists' supplies ⁴	42493	79.0	70.4	72.4	-	-	111.3	100.2	105.5	-	-
Electronic markets and agents and brokers ⁴	425	152.8	155.4	152.9	-	-	240.1	240.5	239.9	-	-
Retail trade.....		103.4	105.1	104.7	105.0	0.3	136.2	143.3	143.4	144.0	0.4
Motor vehicle and parts dealers ⁴	441	112.9	114.5	114.6	-	-	137.5	146.4	147.3	-	-
Automobile dealers ⁴	4411	113.0	114.6	114.1	-	-	131.6	140.9	141.3	-	-
New car dealers ⁴	44111	107.1	108.5	108.4	-	-	124.7	133.4	134.6	-	-
Used car dealers ⁴	44112	189.2	190.1	188.1	-	-	250.0	264.6	258.1	-	-
Other motor vehicle dealers ⁴	4412	112.1	112.7	113.0	-	-	158.8	167.6	166.6	-	-
Auto parts, accessories, and tire stores ⁴	4413	113.5	115.8	116.3	-	-	155.3	164.0	164.0	-	-
Automotive parts and accessories stores ⁴	44131	110.0	111.3	112.6	-	-	159.4	166.3	166.8	-	-
Tire dealers ⁴	44132	121.4	124.6	124.0	-	-	150.1	158.2	158.5	-	-
Furniture and home furnishings stores ⁴	442	89.0	91.2	91.7	-	-	123.2	129.3	130.6	-	-
Furniture stores ⁴	4421	86.7	91.5	91.6	-	-	117.5	127.3	126.0	-	-
Home furnishings stores ⁴	4422	90.8	91.3	92.6	-	-	130.6	134.3	138.0	-	-
Floor covering stores ⁴	44221	76.8	75.9	77.6	-	-	113.6	113.4	118.2	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Other home furnishings stores ⁴	44229	102.6	104.0	103.0	-	-	149.3	157.9	157.9	-	-
Electronics and appliance stores ⁴	443	99.3	99.7	98.4	-	-	141.5	146.0	142.2	-	-
Household appliance stores ⁴	443141	63.2	66.3	66.3	-	-	84.9	97.6	97.4	-	-
Electronics stores ⁴	443142	106.5	105.7	104.6	-	-	148.7	153.5	150.1	-	-
Building material and garden supply stores ⁴	444	101.1	103.5	104.6	-	-	134.3	140.7	142.7	-	-
Building material and supplies dealers ⁴	4441	99.6	102.2	102.9	-	-	131.6	138.3	139.8	-	-
Home centers ⁴	44411	114.3	116.3	117.8	-	-	145.9	153.6	156.1	-	-
Hardware stores ⁴	44413	87.2	89.1	89.1	-	-	118.5	126.0	125.6	-	-
Lawn and garden equipment and supplies stores ⁴	4442	110.8	115.9	116.1	-	-	154.2	163.4	163.6	-	-
Food and beverage stores ⁴	445	92.9	95.3	95.0	-	-	114.5	120.8	120.8	-	-
Grocery stores ⁴	4451	93.9	96.0	95.7	-	-	116.6	122.1	122.2	-	-
Supermarkets and other grocery stores ⁴	44511	92.5	95.1	94.8	-	-	114.8	121.1	121.0	-	-
Convenience stores ⁴	44512	112.3	113.0	114.8	-	-	146.2	146.1	152.1	-	-
Specialty food stores ⁴	4452	76.0	81.7	81.9	-	-	91.1	101.4	102.1	-	-
Meat markets and fish and seafood markets ⁴	44521,2	101.1	103.8	103.4	-	-	128.6	131.2	129.8	-	-
Beer, wine, and liquor stores ⁴	4453	102.5	105.9	106.0	-	-	120.5	131.6	132.5	-	-
Health and personal care stores ⁴	446	105.0	105.3	105.7	-	-	154.9	160.8	161.3	-	-
Pharmacies and drug stores ⁴	44611	97.2	95.6	94.5	-	-	153.0	154.8	154.3	-	-
Cosmetic and beauty supply stores ⁴	44612	144.4	158.0	166.7	-	-	177.1	211.6	211.9	-	-
Optical goods stores ⁴	44613	131.1	138.8	138.4	-	-	176.1	193.1	192.2	-	-
Other health and personal care stores ⁴	44619	100.3	102.8	104.3	-	-	132.6	149.7	148.9	-	-
Gasoline stations ⁴	447	102.5	104.2	104.9	-	-	138.8	141.8	143.0	-	-
Gasoline stations with convenience stores ⁴	44711	107.1	109.5	110.0	-	-	146.1	150.1	151.1	-	-
Other gasoline stations ⁴	44719	78.5	79.8	78.7	-	-	105.7	108.8	105.9	-	-
Clothing and clothing accessories stores ⁴	448	90.3	91.5	91.0	-	-	123.1	131.6	129.8	-	-
Clothing stores ⁴	4481	91.6	91.7	91.2	-	-	121.7	126.9	125.5	-	-
Women's clothing stores ⁴	44812	109.2	103.2	101.7	-	-	136.4	130.0	128.4	-	-
Family clothing stores ⁴	44814	82.2	83.2	83.2	-	-	106.3	113.7	112.5	-	-
Clothing accessories stores ⁴	44815	119.1	128.4	127.8	-	-	175.3	198.6	192.4	-	-
Shoe stores ⁴	4482	107.2	111.1	109.8	-	-	172.6	187.4	180.5	-	-
Jewelry, luggage, and leather goods stores ⁴	4483	73.9	73.4	73.1	-	-	101.5	114.1	113.6	-	-
Sporting goods, hobby, book, and music stores ⁴	451	101.1	97.1	97.4	-	-	149.3	143.3	144.0	-	-
Sporting goods and musical instrument stores ⁴	4511	118.3	116.3	116.2	-	-	171.0	167.4	167.9	-	-
Sporting goods stores ⁴	45111	141.1	147.4	147.1	-	-	196.7	204.2	206.3	-	-
Book stores and news dealers ⁴	4512	49.9	38.6	37.8	-	-	76.4	60.8	58.0	-	-
General merchandise stores ⁴	452	119.0	121.9	121.1	-	-	156.9	170.4	170.2	-	-
Miscellaneous store retailers ⁴	453	82.2	83.1	83.5	-	-	105.3	108.8	109.8	-	-
Florists ⁴	4531	47.0	47.8	46.9	-	-	63.6	68.3	67.7	-	-
Office supplies, stationery, and gift stores ⁴	4532	50.2	49.2	49.3	-	-	63.6	62.1	63.0	-	-
Office supplies and stationery stores ⁴	45321	49.4	45.9	47.9	-	-	59.9	53.6	56.5	-	-
Gift, novelty, and souvenir stores ⁴	45322	51.4	52.8	52.3	-	-	69.8	74.9	75.3	-	-
Used merchandise stores ⁴	4533	169.3	175.2	176.4	-	-	249.5	256.9	267.3	-	-
Other miscellaneous store retailers ⁴	4539	114.7	115.7	115.4	-	-	145.1	153.1	150.5	-	-
Pet and pet supplies stores ⁴	45391	175.5	181.3	179.1	-	-	241.8	255.7	250.7	-	-
Nonstore retailers ⁴	454	125.5	126.2	127.8	-	-	181.1	176.4	177.5	-	-
Electronic shopping and mail-order houses ⁴	4541	163.9	166.8	166.8	-	-	226.1	219.5	217.8	-	-
Transportation and warehousing.....		129.9	134.7	134.5	135.3	0.6	177.0	186.8	187.2	188.8	0.9
Air transportation ⁴	481	73.9	73.9	73.4	-	-	159.2	161.1	159.4	-	-
Truck transportation ⁴	484	117.0	119.8	120.1	-	-	162.0	168.3	169.4	-	-
General freight trucking ⁴	4841	113.5	115.9	116.0	-	-	154.1	157.9	158.5	-	-
General freight trucking, local ⁴	48411	111.1	116.1	116.3	-	-	154.1	164.0	165.8	-	-
General freight trucking, long-distance ⁴	48412	114.2	116.1	116.4	-	-	153.5	156.0	156.8	-	-
General freight trucking, long-distance TL ⁴	484121	109.8	111.0	110.7	-	-	150.3	150.2	149.9	-	-
General freight trucking, long-distance LTL ⁴	484122	125.3	127.7	129.4	-	-	161.1	168.2	171.0	-	-
Specialized freight trucking ⁴	4842	126.1	129.7	130.4	-	-	184.7	198.1	199.9	-	-
Used household and office goods moving ⁴	48421	84.6	89.3	89.1	-	-	114.8	133.3	132.6	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Other specialized trucking, local ⁴	48422	135.6	139.0	139.8	-	-	202.9	221.9	222.3	-	-
Other specialized trucking, long-distance ⁴	48423	145.9	147.5	148.5	-	-	206.1	207.4	209.6	-	-
Transit and ground passenger transportation ⁴	485	140.3	142.2	143.5	-	-	186.8	199.0	201.5	-	-
School and employee bus transportation ⁴	4854	141.3	150.0	152.3	-	-	193.6	218.8	220.5	-	-
Other ground passenger transportation ⁴	4859	199.1	202.2	205.2	-	-	248.1	262.3	266.2	-	-
Pipeline transportation ⁴	486	130.3	131.1	131.0	-	-	240.6	250.9	250.8	-	-
Support activities for transportation ⁴	488	131.8	137.4	136.8	-	-	168.4	180.5	180.1	-	-
Support activities for air transportation ⁴	4881	144.8	151.1	152.8	-	-	165.2	177.8	180.6	-	-
Airport operations ⁴	48811	144.1	155.9	157.3	-	-	139.0	154.7	157.1	-	-
Support activities for water transportation ⁴	4883	85.9	91.5	91.7	-	-	133.5	146.7	147.3	-	-
Support activities for road transportation ⁴	4884	158.0	157.1	154.3	-	-	170.3	177.6	175.2	-	-
Freight transportation arrangement ⁴	4885	134.3	142.6	142.8	-	-	193.0	202.9	203.6	-	-
Support activities for other transportation, including rail ⁴	4882,9	142.7	139.5	143.2	-	-	213.7	213.8	220.0	-	-
Couriers and messengers ⁴	492	172.7	185.3	182.7	-	-	212.5	236.0	235.8	-	-
Warehousing and storage ⁴	493	206.6	220.6	219.4	-	-	240.1	265.1	264.8	-	-
General warehousing and storage ⁴	49311	220.3	235.3	233.6	-	-	257.6	282.6	281.9	-	-
Utilities.....	22	97.4	95.7	96.6	95.8	-0.8	147.6	146.2	149.1	148.1	-0.7
Power generation and supply ⁴	2211	96.8	95.2	96.4	-	-	153.1	148.9	152.0	-	-
Electric power generation ⁴	22111	60.9	60.5	60.6	-	-	96.4	94.0	94.3	-	-
Fossil fuel electric power generation ⁴	221112	67.3	68.4	67.8	-	-	112.4	114.3	113.5	-	-
Electric power transmission and distribution ⁴	22112	153.3	149.7	153.4	-	-	252.6	245.5	253.8	-	-
Natural gas distribution ⁴	2212	92.3	91.1	89.9	-	-	125.2	138.3	138.2	-	-
Water, sewage and other systems ⁴	2213	116.3	115.7	116.0	-	-	146.4	145.0	146.7	-	-
Information.....	51	91.9	90.8	90.9	91.3	0.4	140.3	142.2	143.3	144.8	1.0
Publishing industries, except Internet ⁴	511	99.5	99.5	100.0	-	-	157.5	159.1	159.3	-	-
Newspaper, book, and directory publishers ⁴	5111	73.2	69.6	69.5	-	-	110.4	105.8	104.5	-	-
Newspaper publishers ⁴	51111	66.1	61.0	60.7	-	-	87.8	78.0	77.2	-	-
Periodical publishers ⁴	51112	89.0	86.6	88.5	-	-	147.6	147.0	147.1	-	-
Software publishers ⁴	5112	142.6	148.4	149.7	-	-	197.8	204.4	203.6	-	-
Motion picture and sound recording industries ⁴	512	93.9	89.9	90.7	-	-	106.1	104.3	104.8	-	-
Broadcasting, except Internet ⁴	515	83.0	80.8	81.4	-	-	126.7	129.2	132.3	-	-
Radio broadcasting ⁴	51511	84.0	84.2	84.4	-	-	134.6	145.5	148.7	-	-
Telecommunications ⁴	517	70.7	68.5	67.3	-	-	103.9	107.5	105.5	-	-
Wired and wireless telecommunications carriers ⁴	5173	76.9	74.1	73.3	-	-	113.3	116.9	115.8	-	-
Data processing, hosting and related services ⁴	518	115.9	115.3	116.0	-	-	205.9	202.8	210.9	-	-
Other information services ⁴	519	245.9	260.9	262.7	-	-	393.3	416.0	421.6	-	-
Financial activities.....		114.7	115.7	116.2	116.5	0.3	188.5	191.5	192.7	193.7	0.5
Credit intermediation and related activities ⁴	522	108.0	108.6	109.0	-	-	176.9	180.1	181.3	-	-
Depository credit intermediation ⁴	5221	105.2	107.0	106.6	-	-	175.4	184.6	185.6	-	-
Commercial banking ⁴	52211	110.8	113.4	113.0	-	-	189.3	199.7	201.2	-	-
Savings institutions ⁴	52212	49.9	49.2	49.5	-	-	75.3	78.9	78.9	-	-
Credit unions and other depository credit intermediation ⁴	52213,9	130.4	132.3	133.1	-	-	209.3	220.6	222.9	-	-
Nondepository credit intermediation ⁴	5222	102.0	101.1	102.8	-	-	157.1	157.9	160.9	-	-
Consumer lending ⁴	522291	109.2	106.7	105.6	-	-	142.3	144.7	145.2	-	-
Real estate credit ⁴	522292	99.2	97.5	100.4	-	-	143.8	138.1	141.9	-	-
Activities related to credit intermediation ⁴	5223	144.4	141.7	143.1	-	-	247.6	227.9	220.4	-	-
Securities, commodity contracts, investments, and funds and trusts ⁴	523,5	130.5	128.7	129.8	-	-	237.1	231.0	233.5	-	-
Securities brokerage ⁴	52312	108.4	105.9	107.2	-	-	185.6	186.5	190.7	-	-
Securities and commodity contracts brokerage and exchanges ⁴	5231,2	102.9	99.4	100.3	-	-	195.2	178.4	180.6	-	-
Other financial investment activities, including funds and trusts ⁴	5239; 525	175.9	178.3	179.7	-	-	303.6	318.2	320.3	-	-
Portfolio management ⁴	52392	172.7	168.6	171.3	-	-	305.7	317.1	321.9	-	-
Investment advice ⁴	52393	219.9	233.6	234.1	-	-	365.4	403.6	407.0	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Insurance carriers and related activities ⁴	524	118.2	118.4	118.6	-	-	181.6	184.6	185.2	-	-
Insurance carriers ⁴	5241	104.9	105.3	105.5	-	-	162.8	165.4	165.8	-	-
Direct life and health insurance carriers ⁴	52411	110.0	113.0	113.9	-	-	177.5	185.5	186.7	-	-
Direct insurers, except life and health ⁴	52412	100.7	97.7	97.1	-	-	147.5	144.6	144.0	-	-
Reinsurance carriers ⁴	52413	91.0	92.9	92.6	-	-	226.3	210.3	206.9	-	-
Insurance agencies, brokerages, and related services ⁴ ..	5242	144.8	143.8	145.3	-	-	223.2	225.9	228.3	-	-
Insurance agencies and brokerages ⁴	52421	142.4	141.6	142.7	-	-	216.7	220.5	222.9	-	-
Other insurance-related activities ⁴	52429	149.9	150.7	151.7	-	-	236.9	241.8	242.4	-	-
Third-party administration of insurance funds ⁴	524292	141.1	146.9	147.0	-	-	228.3	242.5	241.7	-	-
Real estate ⁴	531	121.4	125.3	126.0	-	-	201.1	209.4	212.1	-	-
Lessors of real estate ⁴	5311	94.7	98.0	98.3	-	-	152.2	167.1	167.3	-	-
Lessors of residential buildings ⁴	53111	90.7	90.9	91.3	-	-	141.6	146.7	146.7	-	-
Lessors of nonresidential buildings ⁴	53112	89.9	97.2	97.3	-	-	166.9	200.4	200.3	-	-
Offices of real estate agents and brokers ⁴	5312	114.3	114.4	115.0	-	-	201.4	202.7	203.7	-	-
Activities related to real estate ⁴	5313	164.4	171.6	172.0	-	-	259.9	265.8	269.8	-	-
Real estate property managers ⁴	53131	166.6	173.8	174.5	-	-	261.4	270.5	274.5	-	-
Residential property managers ⁴	531311	175.6	185.5	186.2	-	-	271.0	291.0	293.7	-	-
Nonresidential property managers ⁴	531312	145.6	145.6	146.0	-	-	243.7	236.0	238.7	-	-
Rental and leasing services ⁴	532	96.3	102.7	104.9	-	-	154.1	171.8	176.3	-	-
Home health equipment rental ⁴	532283	122.5	116.5	121.9	-	-	126.8	127.5	134.5	-	-
General rental centers ⁴	5323	59.7	58.0	58.2	-	-	60.6	62.1	62.2	-	-
Machinery and equipment rental and leasing ⁴	5324	155.1	179.9	182.2	-	-	260.3	314.7	319.6	-	-
Heavy machinery rental and leasing ⁴	53241	145.1	179.5	178.1	-	-	279.0	348.8	347.0	-	-
Office equipment and other machinery rental and leasing ⁴	53242,9	171.0	181.3	188.8	-	-	238.9	269.6	282.0	-	-
Professional and business services.....		133.2	135.7	136.1	136.0	-0.1	207.4	216.4	217.4	217.6	0.1
Professional and technical services ⁴	54	143.7	146.7	147.3	-	-	226.4	236.8	238.2	-	-
Legal services ⁴	5411	102.5	103.6	103.4	-	-	155.0	165.2	165.3	-	-
Offices of lawyers ⁴	54111	100.3	101.9	101.5	-	-	152.3	163.0	162.9	-	-
Other legal services ⁴	54119	131.0	130.8	129.0	-	-	211.4	216.7	210.0	-	-
Title abstract and settlement offices ⁴	541191	113.2	113.3	112.9	-	-	160.2	165.4	163.9	-	-
Accounting and bookkeeping services ⁴	5412	120.1	119.0	119.3	-	-	189.9	193.9	195.3	-	-
Offices of certified public accountants ⁴	541211	130.3	131.2	130.2	-	-	192.8	195.4	195.1	-	-
Payroll services ⁴	541214	133.9	135.4	138.1	-	-	211.5	232.9	236.9	-	-
Architectural and engineering services ⁴	5413	116.0	117.3	117.9	-	-	181.6	187.9	189.8	-	-
Architectural services ⁴	54131	107.9	109.6	109.4	-	-	161.7	170.1	170.2	-	-
Landscape architectural services ⁴	54132	74.6	80.7	80.4	-	-	122.0	138.8	139.2	-	-
Engineering and drafting services ⁴	54133,4	121.7	121.9	122.8	-	-	191.8	195.2	197.1	-	-
Building inspection, surveying, and mapping services ⁴ ..	54135,6,7	93.0	99.0	101.1	-	-	152.0	164.3	169.1	-	-
Testing laboratories ⁴	54138	118.8	120.1	119.7	-	-	167.6	181.1	182.7	-	-
Specialized design services ⁴	5414	117.7	116.4	117.5	-	-	205.4	207.2	206.7	-	-
Graphic design services ⁴	54143	98.8	93.4	93.0	-	-	176.9	171.3	167.4	-	-
Computer systems design and related services ⁴	5415	184.7	188.8	189.2	-	-	268.4	281.4	281.9	-	-
Custom computer programming services ⁴	541511	175.0	178.8	180.2	-	-	251.7	264.2	265.0	-	-
Computer systems design services ⁴	541512	229.2	232.3	233.4	-	-	316.8	329.3	330.6	-	-
Management and technical consulting services ⁴	5416	233.9	243.7	245.1	-	-	358.9	372.8	376.0	-	-
Management consulting services ⁴	54161	231.5	244.8	247.0	-	-	345.8	363.7	367.4	-	-
Administrative management consulting services ⁴	541611	261.1	280.1	283.3	-	-	428.6	443.9	451.4	-	-
Marketing consulting services ⁴	541613	393.8	413.2	414.8	-	-	560.9	600.5	608.2	-	-
Process and logistics consulting services ⁴	541614	212.4	231.5	229.5	-	-	266.4	287.0	282.5	-	-
Scientific research and development services ⁴	5417	135.7	142.8	142.5	-	-	229.1	243.3	243.1	-	-
Research and development in the physical, engineering, and life sciences ⁴	54171	142.0	149.4	149.4	-	-	240.8	255.4	255.2	-	-
Research and development in nanotechnology ⁴	541713	152.2	186.3	185.0	-	-	252.7	327.3	333.2	-	-
Research and development in biotechnology, except nanobiotechnology ⁴	541714	175.4	182.3	181.8	-	-	282.9	296.6	299.6	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology ⁴	541715	131.1	137.1	137.0	-	-	228.8	240.1	238.3	-	-
Social science and humanities research ⁴	54172	89.6	94.0	91.1	-	-	133.4	141.6	141.2	-	-
Advertising and related services ⁴	5418	125.9	126.5	126.5	-	-	205.4	211.6	210.2	-	-
Advertising agencies ⁴	54181	144.0	142.1	141.7	-	-	220.1	223.8	222.7	-	-
Public relations agencies ⁴	54182	134.0	134.8	142.8	-	-	216.4	228.7	242.7	-	-
Advertising material distribution and other advertising services ⁴	54187,9	145.7	152.3	150.7	-	-	236.7	249.4	250.3	-	-
Other professional and technical services ⁴	5419	165.5	173.6	174.8	-	-	281.4	304.5	307.5	-	-
Marketing research and public opinion polling ⁴	54191	83.6	87.1	88.6	-	-	140.8	150.5	151.3	-	-
Photographic services ⁴	54192	66.6	59.9	59.4	-	-	110.4	104.2	104.3	-	-
Veterinary services ⁴	54194	169.1	177.0	176.4	-	-	266.7	278.1	277.1	-	-
Miscellaneous professional and technical services ⁴	54193,9	429.7	473.7	484.1	-	-	769.6	894.5	915.5	-	-
Management of companies and enterprises ⁴	55	126.6	127.7	128.2	-	-	219.4	224.8	226.6	-	-
Offices of bank holding companies and of other holding companies ⁴	551111,2	97.7	108.0	111.3	-	-	162.4	186.3	191.2	-	-
Managing offices ⁴	551114	128.0	128.5	128.6	-	-	223.0	227.0	228.1	-	-
Administrative and waste services ⁴	56	126.1	128.8	129.1	-	-	178.0	186.1	186.8	-	-
Administrative and support services ⁴	561	125.7	128.6	128.6	-	-	178.3	186.5	186.7	-	-
Office administrative services ⁴	5611	194.8	197.4	195.7	-	-	338.3	351.4	350.1	-	-
Facilities support services ⁴	5612	155.8	151.6	150.6	-	-	174.1	172.2	171.7	-	-
Employment services ⁴	5613	118.3	121.0	121.6	-	-	160.8	167.2	167.5	-	-
Employment placement agencies and executive search services ⁴	56131	104.0	113.5	113.1	-	-	173.6	177.6	173.9	-	-
Temporary help services ⁴	56132	143.7	145.8	146.2	-	-	194.1	201.6	202.1	-	-
Professional employer organizations ⁴	56133	48.8	50.3	50.4	-	-	64.6	67.7	67.5	-	-
Business support services ⁴	5614	129.0	131.1	132.1	-	-	187.8	194.6	195.6	-	-
Telephone call centers ⁴	56142	165.9	167.2	168.6	-	-	255.2	265.1	266.6	-	-
Business service centers ⁴	56143	92.0	91.1	89.4	-	-	129.3	123.9	122.1	-	-
Collection agencies ⁴	56144	86.8	88.5	88.4	-	-	124.3	128.8	128.7	-	-
Travel arrangement and reservation services ⁴	5615	90.6	88.3	87.4	-	-	147.7	147.5	145.7	-	-
Travel agencies ⁴	56151	74.4	70.3	70.1	-	-	98.6	98.5	97.7	-	-
Investigation and security services ⁴	5616	127.9	129.8	130.9	-	-	191.5	202.7	205.6	-	-
Security and armored car services ⁴	56161	125.2	126.4	127.2	-	-	184.3	193.2	195.2	-	-
Security systems services ⁴	56162	147.1	155.4	155.6	-	-	223.4	248.9	251.5	-	-
Services to buildings and dwellings ⁴	5617	135.2	137.8	138.7	-	-	192.3	201.0	203.6	-	-
Exterminating and pest control services ⁴	56171	164.7	164.3	160.9	-	-	244.2	243.6	239.0	-	-
Janitorial services ⁴	56172	124.8	129.2	130.2	-	-	171.5	181.6	184.0	-	-
Landscaping services ⁴	56173	147.4	146.7	148.4	-	-	213.3	219.2	223.3	-	-
Carpet and upholstery cleaning services ⁴	56174	94.6	100.6	99.9	-	-	130.2	145.6	147.6	-	-
Other services to buildings and dwellings ⁴	56179	131.5	137.5	136.2	-	-	167.2	181.9	181.5	-	-
Other support services ⁴	5619	112.3	116.7	116.3	-	-	148.6	157.9	158.7	-	-
Packaging and labeling services ⁴	56191	126.1	124.8	122.9	-	-	193.8	189.6	188.5	-	-
Convention and trade show organizers ⁴	56192	99.9	109.5	109.5	-	-	112.5	121.9	124.0	-	-
All other support services ⁴	56199	113.1	117.0	116.8	-	-	158.9	169.7	170.2	-	-
Waste management and remediation services ⁴	562	126.4	134.4	134.8	-	-	167.2	184.6	185.6	-	-
Waste collection ⁴	5621	164.1	174.4	173.7	-	-	220.5	236.5	238.0	-	-
Waste treatment and disposal ⁴	5622	86.3	88.8	90.0	-	-	132.5	140.5	140.9	-	-
Remediation and other waste services ⁴	5629	131.8	143.0	143.8	-	-	159.1	186.1	187.5	-	-
Education and health services.....		140.5	143.2	143.1	143.3	0.1	214.7	223.4	224.0	224.2	0.1
Health care and social assistance ⁴	62	142.3	145.2	145.5	-	-	219.3	229.0	230.3	-	-
Health care ^{6, 4}	621,2,3	138.0	140.6	140.8	-	-	217.9	227.1	228.3	-	-
Ambulatory health care services ⁴	621	160.7	164.3	164.7	-	-	252.1	262.3	263.6	-	-
Offices of physicians ⁴	6211	138.6	141.3	141.6	-	-	250.2	258.4	259.9	-	-
Offices of physicians, except mental health ⁴	621111	139.3	141.1	141.7	-	-	252.2	258.9	261.1	-	-
Offices of mental health physicians ⁴	621112	124.5	140.4	138.3	-	-	187.6	202.7	197.3	-	-
Offices of dentists ⁴	6212	125.2	125.7	125.8	-	-	177.5	182.4	183.0	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Offices of other health practitioners ⁴	6213	178.1	184.6	185.9	-	-	259.8	274.3	277.3	-	-
Offices of chiropractors ⁴	62131	132.3	141.9	139.9	-	-	189.6	202.7	201.1	-	-
Offices of optometrists ⁴	62132	154.1	159.0	161.2	-	-	231.9	241.2	245.9	-	-
Offices of mental health practitioners ⁴	62133	142.7	146.9	147.7	-	-	173.2	178.8	178.4	-	-
Offices of specialty therapists ⁴	62134	197.9	201.8	204.6	-	-	290.1	308.8	312.9	-	-
Offices of all other health practitioners ⁴	62139	247.5	259.8	259.4	-	-	347.4	358.2	362.9	-	-
Outpatient care centers ⁴	6214	212.9	225.6	226.1	-	-	332.6	360.4	365.7	-	-
Outpatient mental health centers ⁴	62142	174.2	178.2	178.6	-	-	234.1	250.8	250.4	-	-
Outpatient care centers, except mental health ⁴	62141,9	230.7	247.4	248.5	-	-	371.5	403.9	412.4	-	-
Freestanding emergency medical centers ⁴	621493	245.4	273.9	274.3	-	-	378.8	420.1	429.9	-	-
Miscellaneous outpatient care centers ⁴	621410,98	232.6	246.9	247.7	-	-	374.2	399.6	405.7	-	-
Medical and diagnostic laboratories ⁴	6215	159.5	160.8	160.4	-	-	231.8	242.7	242.3	-	-
Medical laboratories ⁴	621511	161.9	162.8	162.9	-	-	235.9	246.9	248.0	-	-
Diagnostic imaging centers ⁴	621512	154.1	156.6	153.0	-	-	221.5	234.1	227.7	-	-
Home health care services ⁴	6216	211.1	216.0	216.8	-	-	282.0	291.1	290.8	-	-
Other ambulatory health care services ⁴	6219	164.4	161.1	159.8	-	-	265.0	266.1	264.9	-	-
Ambulance services ⁴	62191	164.9	158.8	158.6	-	-	250.0	256.9	256.2	-	-
All other ambulatory health care services ⁴	62199	162.5	163.9	161.2	-	-	283.3	277.4	274.6	-	-
Hospitals ⁴	622	128.6	131.3	131.2	-	-	210.7	220.8	221.8	-	-
General medical and surgical hospitals ⁴	6221	126.2	128.3	128.2	-	-	207.7	216.5	217.7	-	-
Nursing and residential care facilities ⁴	623	118.9	120.8	121.0	-	-	164.1	171.2	171.8	-	-
Nursing care facilities ⁴	6231	101.6	102.9	103.0	-	-	142.4	146.1	146.7	-	-
Residential mental health facilities ⁴	6232	130.8	133.3	134.3	-	-	182.0	195.2	197.6	-	-
Residential intellectual and developmental disability facilities ⁴	62321	122.0	123.1	123.4	-	-	162.9	172.2	173.9	-	-
Residential mental health and substance abuse facilities ⁴	62322	151.5	157.0	158.0	-	-	221.1	241.4	242.8	-	-
Community care facilities for the elderly ⁴	6233	167.5	169.3	170.0	-	-	233.5	244.5	246.3	-	-
Continuing care retirement communities ⁴	623311	205.2	205.4	206.4	-	-	288.4	299.6	301.1	-	-
Assisted living facilities for the elderly ⁴	623312	136.3	138.8	139.7	-	-	183.2	193.1	195.6	-	-
Other residential care facilities ⁴	6239	96.7	98.7	99.2	-	-	130.6	137.7	136.0	-	-
Social assistance ⁴	624	165.8	169.3	170.0	-	-	228.9	240.6	242.4	-	-
Individual and family services ⁴	6241	223.2	228.9	230.0	-	-	298.1	316.5	318.4	-	-
Child and youth services ⁴	62411	132.2	135.2	134.8	-	-	191.4	202.4	198.3	-	-
Services for the elderly and persons with disabilities ⁴	62412	286.9	291.8	294.0	-	-	391.8	413.7	418.9	-	-
Other individual and family services ⁴	62419	142.4	146.8	147.0	-	-	206.9	219.5	218.6	-	-
Emergency and other relief services ⁴	6242	140.1	143.6	145.4	-	-	209.8	219.0	222.8	-	-
Vocational rehabilitation services ⁴	6243	94.6	95.5	95.1	-	-	129.6	132.3	131.8	-	-
Child day care services ⁴	6244	129.3	129.5	128.4	-	-	179.1	183.7	183.2	-	-
Leisure and hospitality.....		127.7	131.1	130.6	129.9	-0.5	195.4	206.6	206.6	206.4	-0.1
Arts, entertainment, and recreation ⁴	71	115.1	117.2	116.8	-	-	167.8	172.7	173.5	-	-
Performing arts and spectator sports ⁴	711	123.8	126.0	123.0	-	-	200.9	206.9	207.7	-	-
Performing arts companies ⁴	7111	106.6	120.9	117.3	-	-	206.5	226.2	224.1	-	-
Spectator sports ⁴	7112	104.4	108.3	105.1	-	-	163.0	166.9	161.6	-	-
Arts and sports promoters and agents and managers for public figures ⁴	7113,4	178.1	170.8	168.9	-	-	249.1	261.7	268.5	-	-
Independent artists, writers, and performers ⁴	7115	135.2	123.9	127.1	-	-	229.3	206.9	219.0	-	-
Museums, historical sites, and similar institutions ⁴	712	135.5	139.2	139.0	-	-	190.0	196.0	196.7	-	-
Museums ⁴	71211	118.9	121.8	120.1	-	-	166.2	167.0	165.8	-	-
Historical sites and other similar institutions ⁴	71212,3,9	161.3	167.0	168.4	-	-	236.0	255.9	259.0	-	-
Amusements, gambling, and recreation ⁴	713	110.1	112.9	112.7	-	-	150.1	156.2	156.7	-	-
Gambling industries ⁴	7132	90.4	88.1	87.3	-	-	147.6	144.8	143.3	-	-
Golf courses and country clubs ⁴	71391	117.5	117.7	117.6	-	-	167.0	172.1	173.3	-	-
Skiing facilities ⁴	71392	149.3	168.3	160.9	-	-	243.2	290.3	279.0	-	-
Marinas ⁴	71393	125.1	132.6	131.5	-	-	190.1	185.6	194.6	-	-
Fitness and recreational sports centers ⁴	71394	106.3	110.1	109.1	-	-	131.8	135.7	136.4	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Bowling centers ⁴	71395	76.3	74.9	73.6	-	-	103.8	106.1	104.1	-	-
Accommodation and food services ⁴	72	130.5	133.3	133.5	-	-	203.2	214.6	215.5	-	-
Accommodation ⁴	721	112.5	114.3	114.3	-	-	162.7	169.5	170.2	-	-
Traveler accommodation ⁴	7211	110.8	112.1	112.5	-	-	160.8	166.6	167.5	-	-
Hotels and motels, except casino hotels ⁴	72111	115.1	115.2	115.2	-	-	169.2	173.6	174.0	-	-
RV parks and recreational camps ⁴	7212	177.3	183.8	181.2	-	-	241.6	263.6	269.4	-	-
Food services and drinking places ⁴	722	134.8	138.5	138.6	-	-	215.7	229.7	230.5	-	-
Special food services ⁴	7223	137.1	148.0	146.5	-	-	200.2	225.2	220.7	-	-
Food service contractors ⁴	72231	139.3	151.6	149.4	-	-	194.7	223.6	217.7	-	-
Caterers and mobile food services ⁴	72232,3	126.5	138.3	141.3	-	-	216.5	236.4	239.8	-	-
Drinking places, alcoholic beverages ⁴	7224	101.1	103.8	103.0	-	-	196.3	209.0	207.7	-	-
Restaurants and other eating places ⁴	7225	136.4	139.4	139.6	-	-	218.2	231.0	232.0	-	-
Full-service restaurants ⁴	722511	130.2	134.2	134.3	-	-	219.1	234.1	234.6	-	-
Limited-service restaurants ⁴	722513	139.4	143.3	143.0	-	-	210.0	223.5	223.5	-	-
Cafeterias, grill buffets, and buffets ⁴	722514	79.2	76.0	75.3	-	-	108.4	107.4	108.0	-	-
Snack and nonalcoholic beverage bars ⁴	722515	210.5	210.5	212.0	-	-	317.9	329.9	335.0	-	-
Other services.....	81	102.9	104.5	105.1	105.1	0.0	152.2	157.3	157.9	158.6	0.4
Repair and maintenance ⁴	811	107.5	108.5	108.9	-	-	153.5	160.5	160.9	-	-
Automotive repair and maintenance ⁴	8111	106.0	104.5	104.7	-	-	151.5	153.2	152.6	-	-
Automotive mechanical and electrical repair ⁴	81111	99.6	99.1	99.7	-	-	140.8	140.0	140.8	-	-
General automotive repair ⁴	811111	113.2	113.3	113.9	-	-	158.4	158.0	158.7	-	-
Automotive body, interior, and glass repair ⁴	811112	109.2	106.1	105.6	-	-	159.7	161.5	159.6	-	-
Other automotive repair and maintenance ⁴	81119	112.9	112.4	114.1	-	-	161.6	173.6	174.5	-	-
Car washes ⁴	811192	122.0	127.6	128.1	-	-	173.6	198.3	194.4	-	-
Auto oil change shops and all other auto repair and maintenance ⁴	811191,8	99.4	91.0	93.8	-	-	147.0	146.3	150.9	-	-
Electronic equipment repair and maintenance ⁴	8112	94.1	102.3	99.1	-	-	135.3	147.8	143.1	-	-
Computer and office machine repair ⁴	811212	85.9	100.9	97.0	-	-	113.1	130.9	126.1	-	-
Miscellaneous electronic equipment repair and maintenance ⁴	811211,3,9	101.1	103.1	100.3	-	-	154.5	160.8	156.6	-	-
Commercial machinery repair and maintenance ⁴	8113	135.0	145.2	145.9	-	-	192.6	219.8	222.8	-	-
Household goods repair and maintenance ⁴	8114	87.7	93.8	92.1	-	-	115.4	120.7	119.7	-	-
Personal and laundry services ⁴	812	106.9	109.8	112.1	-	-	153.7	159.8	161.5	-	-
Personal care services ⁴	8121	126.6	128.3	131.7	-	-	191.6	191.6	194.0	-	-
Hair, nail, and skin care services ⁴	81211	116.9	120.2	123.7	-	-	170.9	173.8	175.1	-	-
Other personal care services ⁴	81219	195.0	192.5	188.2	-	-	342.8	350.2	345.9	-	-
Death care services ⁴	8122	92.0	90.0	92.9	-	-	139.1	134.7	139.8	-	-
Drycleaning and laundry services ⁴	8123	79.1	78.9	80.3	-	-	105.4	109.8	112.1	-	-
Coin-operated laundries and drycleaners ⁴	81231	72.9	62.6	65.5	-	-	83.0	74.5	78.2	-	-
Drycleaning and laundry services, except coin-operated ⁴	81232	62.7	59.4	60.4	-	-	86.6	85.5	88.5	-	-
Linen and uniform supply ⁴	81233	102.1	107.8	109.1	-	-	131.1	141.6	143.2	-	-
Other personal services ⁴	8129	126.6	137.0	141.5	-	-	165.8	187.4	189.3	-	-
Pet care services, except veterinary ⁴	81291	363.9	373.0	393.4	-	-	404.8	444.7	456.1	-	-
Parking lots and garages ⁴	81293	125.5	133.6	135.7	-	-	189.7	194.4	197.5	-	-
Membership associations and organizations ⁴	813	98.9	100.6	100.5	-	-	150.9	155.7	155.9	-	-
Grantmaking and giving services ⁴	8132	144.5	150.3	151.4	-	-	265.0	286.5	288.5	-	-
Grantmaking foundations ⁴	813211	252.4	256.8	261.9	-	-	455.0	476.4	481.0	-	-
Social advocacy organizations ⁴	8133	125.7	125.5	125.5	-	-	220.6	230.8	230.3	-	-
Human rights organizations ⁴	813311	111.1	109.8	110.4	-	-	185.5	204.2	204.5	-	-
Environment, conservation, and other social advocacy organizations ⁴	813312,9	130.1	130.2	130.6	-	-	232.7	239.7	240.2	-	-
Civic and social organizations ⁴	8134	83.5	83.6	82.5	-	-	126.4	124.6	125.4	-	-
Professional and similar organizations ⁴	8139	98.6	106.6	105.9	-	-	152.3	166.0	167.1	-	-
Business associations ⁴	81391	98.7	97.4	97.8	-	-	160.7	156.9	158.8	-	-

See footnotes at end of table.

ESTABLISHMENT DATA

Table B-9a. Indexes of aggregate weekly hours and payrolls for production and nonsupervisory employees on private nonfarm payrolls by industry sector, 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
Professional organizations ⁴	81392	143.1	150.0	155.0	—	—	222.2	230.2	237.2	—	—
Labor unions and similar labor organizations ⁴	81393	82.5	90.9	88.8	—	—	124.3	141.8	138.3	—	—
Miscellaneous professional and similar organizations ⁴ ...	81394,9	95.9	107.9	106.0	—	—	146.1	175.0	174.8	—	—

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 Seasonally Adjusted Independently. See https://www.bls.gov/web/empsit/cestn.htm#SA_ind for details.

⁵ Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

⁶ Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

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