

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Total private.....		115.8	117.6	117.8	117.9	0.1	172.0	179.3	180.1	180.8	0.4
Goods-producing.....		91.9	94.1	94.3	93.9	-0.4	131.7	138.8	139.7	139.4	-0.2
Mining and logging.....		126.5	136.3	138.3	135.3	-2.2	202.2	228.9	231.9	227.8	-1.8
Logging ⁴	1133	73.5	72.4	71.9	-	-	105.4	102.2	102.5	-	-
Mining ⁴	21	133.8	145.3	147.5	-	-	213.7	243.5	247.3	-	-
Oil and gas extraction ⁴	211	119.6	135.9	139.2	-	-	212.3	255.4	262.5	-	-
Mining, except oil and gas ⁴	212	86.6	89.5	89.5	-	-	122.7	129.7	130.0	-	-
Coal mining ⁴	2121	70.2	74.7	75.9	-	-	103.3	112.5	114.0	-	-
Stone mining and quarrying ⁴	21231	86.9	89.3	87.3	-	-	125.0	136.9	135.6	-	-
Crushed and broken limestone mining ⁴	212312	82.9	83.5	83.3	-	-	122.2	126.4	128.2	-	-
Other stone mining and quarrying ⁴	212311,3,9	93.8	95.4	92.1	-	-	130.9	146.3	144.6	-	-
Support activities for mining ⁴	213	194.0	214.3	217.9	-	-	339.5	396.2	401.3	-	-
Support activities for oil and gas operations ⁴	213112	220.2	249.4	252.9	-	-	425.2	516.0	518.0	-	-
Construction.....	23	104.2	107.3	107.3	106.5	-0.7	151.9	161.7	162.3	161.7	-0.4
Construction of buildings ⁴	236	92.8	96.4	96.0	-	-	139.8	151.1	151.1	-	-
Residential building ⁴	2361	85.2	89.7	88.9	-	-	123.3	139.3	138.1	-	-
New single-family general contractors ⁴	236115	64.0	65.1	64.4	-	-	93.7	104.0	103.5	-	-
Residential remodelers ⁴	236118	124.0	136.3	137.6	-	-	170.1	197.6	199.1	-	-
Nonresidential building ⁴	2362	100.2	102.6	102.9	-	-	153.2	160.4	162.0	-	-
Industrial building ⁴	23621	92.9	98.3	101.5	-	-	144.6	161.2	167.0	-	-
Commercial building ⁴	23622	103.0	104.0	103.3	-	-	156.1	159.5	159.9	-	-
Heavy and civil engineering construction ⁴	237	106.4	111.7	111.4	-	-	170.7	186.7	185.9	-	-
Utility system construction ⁴	2371	130.3	144.3	144.6	-	-	216.3	260.0	257.0	-	-
Water and sewer system construction ⁴	23711	104.6	104.7	104.9	-	-	157.4	162.2	162.8	-	-
Oil and gas pipeline construction ⁴	23712	164.6	201.0	206.6	-	-	312.8	384.6	395.5	-	-
Power and communication system construction ⁴	23713	145.9	164.4	158.4	-	-	241.4	324.2	303.2	-	-
Highway, street, and bridge construction ⁴	2373	94.7	95.8	93.6	-	-	136.7	143.8	141.1	-	-
Specialty trade contractors ⁴	238	107.5	110.4	110.2	-	-	151.3	160.4	160.5	-	-
Building foundation and exterior contractors ⁴	2381	99.0	97.0	96.9	-	-	135.6	138.6	138.8	-	-
Poured concrete structure contractors ⁴	23811	120.6	124.7	122.1	-	-	180.5	192.6	189.6	-	-
Steel and precast concrete contractors ⁴	23812	89.9	93.6	91.3	-	-	118.3	122.8	118.0	-	-
Framing contractors ⁴	23813	73.4	63.4	64.3	-	-	89.6	83.8	85.6	-	-
Masonry contractors ⁴	23814	69.7	65.6	64.4	-	-	95.1	92.3	90.8	-	-
Glass and glazing contractors ⁴	23815	131.7	120.1	121.5	-	-	175.0	178.5	181.7	-	-
Roofing contractors ⁴	23816	116.5	114.5	113.1	-	-	165.4	169.5	168.0	-	-
Siding contractors ⁴	23817	118.2	116.1	116.2	-	-	188.7	212.6	212.3	-	-
Other building exterior contractors ⁴	23819	129.7	143.0	149.2	-	-	167.9	193.6	202.2	-	-
Building equipment contractors ⁴	2382	114.1	119.0	119.8	-	-	158.1	168.7	170.6	-	-
Electrical contractors ⁴	23821	100.7	105.5	107.2	-	-	140.5	152.0	154.4	-	-
Plumbing and HVAC contractors ⁴	23822	127.2	131.2	131.7	-	-	175.9	185.8	187.2	-	-
Other building equipment contractors ⁴	23829	131.3	137.1	136.0	-	-	178.5	188.4	188.9	-	-
Building finishing contractors ⁴	2383	94.4	96.4	96.1	-	-	137.7	143.8	144.1	-	-
Drywall and insulation contractors ⁴	23831	81.5	83.6	84.2	-	-	123.2	127.4	129.3	-	-
Painting and wall covering contractors ⁴	23832	96.4	93.0	91.7	-	-	130.4	137.3	135.9	-	-
Flooring contractors ⁴	23833	98.5	102.8	101.4	-	-	146.4	143.6	144.0	-	-
Tile and terrazzo contractors ⁴	23834	118.8	117.5	120.1	-	-	199.5	192.0	198.1	-	-
Finish carpentry contractors ⁴	23835	104.9	112.4	111.0	-	-	149.5	172.0	172.2	-	-
Other building finishing contractors ⁴	23839	111.5	114.0	118.2	-	-	165.9	159.7	164.0	-	-
Other specialty trade contractors ⁴	2389	119.3	124.8	122.3	-	-	171.5	187.4	182.3	-	-
Site preparation contractors ⁴	23891	122.5	125.6	123.6	-	-	174.3	187.3	182.3	-	-
All other specialty trade contractors ⁴	23899	115.5	124.0	120.6	-	-	167.3	187.5	181.8	-	-
Manufacturing.....		84.6	86.4	86.4	86.3	-0.1	116.8	122.1	122.5	122.9	0.3
Durable goods.....		85.0	87.5	87.7	87.5	-0.2	117.4	123.4	124.0	124.0	0.0
Wood products.....	321	72.7	74.7	74.1	73.5	-0.8	104.5	108.5	107.9	106.9	-0.9

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Sawmills and wood preservation ⁴	3211	74.2	74.7	75.1	-	-	100.8	103.8	103.8	-	-
Plywood and engineered wood products ⁴	3212	64.3	67.7	67.7	-	-	96.0	102.7	102.6	-	-
Other wood products ⁴	3219	75.0	77.2	76.7	-	-	109.4	112.5	113.0	-	-
Millwork ⁴	32191	66.4	70.0	71.7	-	-	94.6	100.0	103.4	-	-
Wood windows and doors ⁴	321911	68.9	69.7	71.5	-	-	105.4	106.4	110.3	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring ⁴	321912,8	63.4	70.8	71.6	-	-	83.8	94.6	96.4	-	-
Wood containers and pallets ⁴	32192	104.1	104.1	106.7	-	-	165.0	168.2	174.3	-	-
All other wood products ⁴	32199	69.2	70.8	65.2	-	-	102.8	102.1	95.5	-	-
Nonmetallic mineral products.....	327	79.3	82.3	82.7	81.1	-1.9	106.2	114.1	116.1	115.5	-0.5
Cement and concrete products ⁴	3273	88.0	86.5	87.1	-	-	117.1	122.7	124.6	-	-
Ready-mix concrete ⁴	32732	83.8	84.0	84.1	-	-	114.9	126.7	128.1	-	-
Other cement and concrete products ⁴	32731,3,9	92.5	89.7	90.9	-	-	120.7	117.7	119.9	-	-
Primary metals.....	331	76.5	77.9	78.6	79.2	0.8	99.4	104.3	105.1	106.5	1.3
Foundries ⁴	3315	64.3	67.9	68.9	-	-	83.8	91.5	93.6	-	-
Fabricated metal products.....	332	96.4	100.0	100.1	100.1	0.0	133.1	140.5	141.0	141.6	0.4
Forging and stamping ⁴	3321	94.3	97.4	97.5	-	-	125.7	128.8	129.6	-	-
Architectural and structural metals ⁴	3323	95.8	99.1	100.1	-	-	131.4	140.9	142.9	-	-
Plate work and fabricated structural products ⁴	33231	92.3	99.0	100.0	-	-	130.6	142.3	146.0	-	-
Fabricated structural metal products ⁴	332312	94.6	102.6	103.1	-	-	134.6	144.2	150.7	-	-
Ornamental and architectural metal products ⁴	33232	99.3	98.9	99.9	-	-	133.5	139.6	140.3	-	-
Sheet metal work ⁴	332322	116.1	116.9	117.5	-	-	152.5	163.5	162.5	-	-
Boilers, tanks, and shipping containers ⁴	3324	99.2	98.0	97.6	-	-	133.8	134.6	133.3	-	-
Machine shops and threaded products ⁴	3327	119.3	125.7	125.4	-	-	163.6	177.5	177.8	-	-
Machine shops ⁴	33271	129.3	139.3	139.3	-	-	176.3	196.3	197.4	-	-
Turned products and screws, nuts, and bolts ⁴	33272	92.9	92.5	91.1	-	-	129.3	129.2	125.9	-	-
Coating, engraving, and heat treating metals ⁴	3328	96.2	104.3	102.3	-	-	131.4	145.1	142.5	-	-
Metal heat treating and coating and nonprecious engraving ⁴	332811,2	114.0	126.9	127.7	-	-	146.0	173.3	173.8	-	-
Electroplating, anodizing, and coloring metals ⁴	332813	81.2	85.1	81.6	-	-	117.9	120.0	115.8	-	-
Other fabricated metal products ⁴	3329	97.3	98.1	97.9	-	-	137.3	137.9	136.4	-	-
Metal valves ⁴	33291	86.3	84.3	86.5	-	-	126.7	128.0	129.7	-	-
All other fabricated metal products ⁴	33299	102.9	105.5	104.1	-	-	142.1	143.6	140.2	-	-
Machinery.....	333	93.6	96.9	97.5	97.4	-0.1	133.6	140.8	142.1	142.2	0.1
Agricultural, construction, and mining machinery ⁴	3331	125.8	136.5	138.6	-	-	192.9	211.9	215.5	-	-
Farm machinery and equipment ⁴	333111	89.5	94.5	99.7	-	-	132.7	145.5	155.2	-	-
Industrial machinery ⁴	3332	90.4	88.1	88.9	-	-	126.8	130.5	133.1	-	-
Commercial and service industry machinery ⁴	3333	75.2	80.9	81.1	-	-	114.9	124.4	124.1	-	-
HVAC and commercial refrigeration equipment ⁴	3334	79.6	82.9	82.6	-	-	114.7	123.8	124.6	-	-
Metalworking machinery ⁴	3335	86.4	86.8	86.9	-	-	114.1	117.8	117.8	-	-
Special tools, dies, jigs, and fixtures ⁴	333514	75.1	74.1	73.3	-	-	101.5	104.9	102.6	-	-
Turbine and power transmission equipment ⁴	3336	81.3	80.9	80.1	-	-	111.4	112.8	112.2	-	-
Other general purpose machinery ⁴	3339	99.4	102.0	102.8	-	-	144.1	148.6	149.9	-	-
Computer and electronic products.....	334	85.1	85.3	85.9	85.5	-0.5	129.7	132.8	133.8	133.2	-0.4
Communications equipment ⁴	3342	62.5	57.0	57.7	-	-	79.0	74.2	75.9	-	-
Semiconductors and electronic components ⁴	3344	72.1	71.1	70.9	-	-	102.9	103.1	102.8	-	-
Semiconductors and related devices ⁴	334413	76.8	72.7	72.2	-	-	127.9	114.6	112.1	-	-
Electronic connectors and misc. electronic components ⁴	334416,7,9	63.6	69.2	68.2	-	-	90.0	102.4	100.7	-	-
Electronic instruments ⁴	3345	127.2	131.5	132.1	-	-	217.3	228.6	231.0	-	-
Electrical equipment and appliances.....	335	78.1	80.1	79.7	79.4	-0.4	112.3	119.5	117.4	116.3	-0.9
Electrical equipment ⁴	3353	81.2	83.0	83.3	-	-	117.4	123.9	120.6	-	-
Other electrical equipment and components ⁴	3359	92.5	96.6	95.4	-	-	133.3	144.7	142.7	-	-
Transportation equipment.....	336	89.9	93.1	93.4	93.3	-0.1	111.7	119.5	119.9	120.3	0.3
Motor vehicles and parts ⁵	3361,2,3	82.8	84.6	85.1	84.6	-0.6	85.7	91.3	92.1	92.1	0.0
Motor vehicles ⁴	3361	79.0	82.6	83.6	-	-	84.5	90.2	91.6	-	-
Motor vehicle bodies and trailers ⁴	3362	112.0	118.2	116.6	-	-	133.0	146.2	146.8	-	-
Motor vehicle parts ⁴	3363	78.5	79.5	79.9	-	-	80.0	84.6	84.7	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Motor vehicle gasoline engine and parts ⁴	33631	67.9	67.1	68.1	-	-	76.7	74.0	75.0	-	-
Motor vehicle power train components ⁴	33635	71.2	67.9	69.0	-	-	69.6	68.7	70.5	-	-
Motor vehicle metal stamping ⁴	33637	92.2	92.8	92.0	-	-	90.5	96.4	96.2	-	-
All other motor vehicle parts ⁴	33639	95.9	98.0	99.0	-	-	109.7	114.4	113.8	-	-
Aerospace products and parts ⁴	3364	125.0	131.9	132.6	-	-	214.1	227.6	227.2	-	-
Aircraft ⁴	336411	117.7	132.3	133.3	-	-	189.3	212.1	213.7	-	-
Furniture and related products.....	337	59.9	61.7	62.1	61.9	-0.3	84.0	88.0	88.1	88.2	0.1
Household and institutional furniture ⁴	3371	57.5	59.6	59.9	-	-	81.6	85.4	85.4	-	-
Wood kitchen cabinets and countertops ⁴	33711	75.4	80.8	79.9	-	-	105.4	114.5	111.5	-	-
Other household and institutional furniture ⁴	33712	47.0	47.3	48.2	-	-	66.3	67.4	68.8	-	-
Upholstered household furniture ⁴	337121	65.7	66.4	67.4	-	-	89.2	90.5	92.8	-	-
Miscellaneous durable goods manufacturing.....	339	81.5	82.9	83.1	83.0	-0.1	122.2	122.3	123.2	123.9	0.6
Medical equipment and supplies ⁴	3391	101.2	100.5	101.3	-	-	155.7	150.9	151.2	-	-
Surgical appliances and supplies ⁴	339113	108.7	109.4	113.0	-	-	146.4	147.0	152.5	-	-
Dental laboratories ⁴	339116	74.7	75.4	73.6	-	-	115.6	117.8	114.6	-	-
Other miscellaneous durable goods manufacturing ⁴ ...	3399	67.6	69.9	69.8	-	-	95.7	98.6	100.0	-	-
Signs ⁴	33995	95.8	95.2	92.9	-	-	132.0	132.9	130.3	-	-
All other miscellaneous durable goods manufacturing ⁴	33993,4,9	70.4	70.8	71.2	-	-	103.7	105.9	107.8	-	-
Nondurable goods.....		84.0	84.5	84.3	84.6	0.4	116.2	119.4	120.0	120.9	0.8
Food manufacturing.....	311	111.5	114.1	112.9	114.3	1.2	151.6	158.9	159.1	162.2	1.9
Sugar and confectionery products ⁴	3113	77.5	78.3	77.9	-	-	91.5	107.8	108.9	-	-
Fruit and vegetable preserving and specialty ⁴	3114	108.6	106.6	104.8	-	-	136.3	138.2	139.7	-	-
Frozen food ⁴	31141	109.6	100.6	99.8	-	-	143.6	134.3	134.2	-	-
Fruit and vegetable canning and drying ⁴	31142	110.6	111.5	111.8	-	-	133.7	139.6	147.6	-	-
Dairy products ⁴	3115	110.2	113.6	114.7	-	-	157.1	163.7	165.0	-	-
Animal slaughtering and processing ⁴	3116	107.2	107.5	106.3	-	-	149.5	153.4	152.9	-	-
Poultry processing ⁴	311615	108.1	108.6	106.4	-	-	150.1	154.4	152.5	-	-
Seafood product preparation and packaging ⁴	3117	104.6	119.2	125.3	-	-	137.7	161.1	165.7	-	-
Bakeries and tortilla manufacturing ⁴	3118	103.6	107.3	106.8	-	-	141.2	147.6	148.2	-	-
Textile mills.....	313	35.5	37.3	38.1	39.1	2.6	49.7	52.0	53.9	54.7	1.5
Textile product mills.....	314	53.0	50.0	49.3	48.7	-1.2	74.4	71.2	69.7	68.5	-1.7
Apparel.....	315	29.3	28.5	27.8	27.8	0.0	47.6	49.5	47.3	47.5	0.4
Paper and paper products.....	322	68.7	69.2	68.7	68.7	0.0	88.7	90.6	90.0	90.5	0.6
Pulp, paper, and paperboard mills ⁴	3221	63.0	63.3	62.7	-	-	77.3	75.7	75.0	-	-
Converted paper products ⁴	3222	71.1	71.7	71.4	-	-	96.4	100.9	100.2	-	-
Paperboard containers ⁴	32221	75.5	76.7	75.6	-	-	100.0	106.7	105.4	-	-
Corrugated and solid fiber boxes ⁴	322211	75.2	78.0	77.0	-	-	100.5	106.4	105.1	-	-
Paper bags and coated and treated paper ⁴	32222	66.6	64.5	63.5	-	-	86.8	85.4	83.8	-	-
Printing and related support activities.....	323	62.9	61.6	60.7	60.5	-0.3	78.5	77.0	76.2	76.3	0.1
Petroleum and coal products.....	324	107.2	105.5	107.5	102.6	-4.6	186.0	186.7	196.0	187.3	-4.4
Chemicals.....	325	99.0	102.6	103.3	103.9	0.6	137.9	144.8	145.6	147.9	1.6
Basic chemicals ⁴	3251	77.9	87.1	86.3	-	-	106.9	114.2	112.0	-	-
Resin, rubber, and artificial fibers ⁴	3252	77.9	79.0	78.2	-	-	112.0	126.6	132.5	-	-
Pharmaceuticals and medicines ⁴	3254	140.9	148.5	151.5	-	-	212.8	226.7	228.7	-	-
Soaps, cleaning compounds, and toiletries ⁴	3256	92.3	92.0	91.4	-	-	122.1	129.0	129.1	-	-
Plastics and rubber products.....	326	87.4	84.8	84.7	85.0	0.4	114.5	116.7	116.7	117.4	0.6
Plastics products ⁴	3261	90.6	88.5	88.2	-	-	124.9	127.7	128.0	-	-
Plastics packaging materials, film, and sheet ⁴	32611	105.6	104.7	103.6	-	-	140.6	152.7	151.2	-	-
Foam products ⁴	32614,5	118.3	105.5	106.3	-	-	157.7	152.0	152.8	-	-
Other plastics products ⁴	32619	83.0	81.9	82.8	-	-	117.5	118.8	121.0	-	-
Rubber products ⁴	3262	76.6	72.7	72.5	-	-	86.1	86.9	86.1	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	100.8	99.8	99.2	98.0	-1.2	125.2	125.9	126.0	125.5	-0.4
Private service-providing.....		122.6	123.9	124.1	124.6	0.4	184.8	191.6	192.3	193.7	0.7
Trade, transportation, and utilities.....		110.5	111.2	111.3	111.5	0.2	153.7	159.4	159.9	160.8	0.6
Wholesale trade.....	42	109.8	110.1	110.3	110.8	0.5	160.6	165.5	165.7	166.2	0.3

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Durable goods ⁴	423	104.1	105.4	105.4	-	-	147.5	153.5	153.5	-	-
Motor vehicles and parts ⁴	4231	100.9	100.3	99.7	-	-	136.4	139.8	138.8	-	-
Motor vehicles ⁴	42311	101.3	104.5	104.2	-	-	140.6	160.7	160.3	-	-
New motor vehicle parts ⁴	42312	96.2	92.5	92.2	-	-	125.1	121.2	121.1	-	-
Furniture and furnishings ⁴	4232	101.8	103.3	102.4	-	-	140.8	146.1	144.5	-	-
Lumber and construction supplies ⁴	4233	103.7	104.1	103.7	-	-	155.8	161.9	161.8	-	-
Lumber and wood ⁴	42331	88.6	90.2	89.5	-	-	137.5	146.3	145.5	-	-
Commercial equipment ⁴	4234	95.9	96.9	96.8	-	-	134.8	136.7	137.7	-	-
Office equipment ⁴	42342	71.4	65.5	65.6	-	-	104.9	95.0	93.7	-	-
Computer and software ⁴	42343	82.1	84.1	83.7	-	-	106.1	109.8	110.9	-	-
Medical equipment ⁴	42345	133.4	132.4	132.0	-	-	211.2	212.1	215.3	-	-
Miscellaneous professional and commercial equipment ⁴	42341,4,6,9	111.4	117.1	120.2	-	-	176.3	182.5	188.0	-	-
Metals and minerals ⁴	4235	105.3	105.0	105.9	-	-	143.2	152.2	150.8	-	-
Electric goods ⁴	4236	95.8	96.3	95.7	-	-	135.6	141.7	140.3	-	-
Electrical equipment and wiring ⁴	42361	106.5	106.3	105.7	-	-	147.7	146.5	145.8	-	-
Electric appliances and other electronic parts ⁴	42362,9	86.5	88.0	87.1	-	-	126.8	138.6	135.1	-	-
Hardware and plumbing ⁴	4237	115.0	121.8	122.4	-	-	173.9	190.5	191.2	-	-
Hardware ⁴	42371	109.2	116.6	117.0	-	-	172.2	184.2	181.9	-	-
Plumbing equipment ⁴	42372	121.3	132.3	131.3	-	-	194.5	226.8	222.9	-	-
HVAC and refrigeration equipment ⁴	42373,4	112.8	114.9	117.1	-	-	155.1	161.3	165.8	-	-
Machinery and supplies ⁴	4238	107.4	109.6	109.7	-	-	156.0	164.4	164.0	-	-
Construction equipment ⁴	42381	115.4	118.1	118.8	-	-	168.3	178.6	175.4	-	-
Farm and garden equipment ⁴	42382	108.4	109.2	106.6	-	-	175.7	183.0	178.9	-	-
Industrial machinery ⁴	42383	101.2	103.2	104.5	-	-	145.3	150.2	151.0	-	-
Industrial supplies ⁴	42384	134.6	132.9	133.3	-	-	202.5	206.0	207.9	-	-
Miscellaneous durable goods ⁴	4239	121.2	124.4	124.5	-	-	175.4	185.4	186.8	-	-
Sporting goods ⁴	42391	112.6	113.3	116.2	-	-	165.0	173.4	181.5	-	-
Recyclable materials ⁴	42393	124.7	131.1	130.9	-	-	173.9	192.1	193.6	-	-
Nondurable goods ⁴	424	105.3	105.2	105.1	-	-	150.1	157.1	157.3	-	-
Paper and paper products ⁴	4241	84.9	87.0	85.2	-	-	124.3	131.6	129.7	-	-
Druggists' goods ⁴	4242	91.4	95.1	94.9	-	-	134.7	150.6	152.8	-	-
Apparel and piece goods ⁴	4243	98.8	94.6	94.0	-	-	139.9	136.7	136.1	-	-
Grocery and related products ⁴	4244	114.1	113.6	114.3	-	-	157.5	162.9	164.0	-	-
General line grocery ⁴	42441	112.4	110.8	110.7	-	-	146.0	145.7	145.3	-	-
Fruits and vegetables ⁴	42448	145.6	150.2	152.4	-	-	205.1	214.2	221.1	-	-
Farm product raw materials ⁴	4245	105.7	102.1	98.3	-	-	166.2	164.2	161.5	-	-
Chemicals ⁴	4246	103.0	110.7	112.8	-	-	146.4	165.8	171.6	-	-
Petroleum ⁴	4247	102.0	95.0	95.3	-	-	154.0	143.6	144.7	-	-
Alcoholic beverages ⁴	4248	150.6	151.7	150.6	-	-	202.5	215.9	210.8	-	-
Misc. nondurable goods ⁴	4249	92.0	90.3	89.1	-	-	136.6	142.1	139.9	-	-
Farm supplies ⁴	42491	114.1	115.5	114.9	-	-	173.9	184.1	182.4	-	-
Nursery stock and florists' supplies ⁴	42493	74.9	70.2	70.5	-	-	110.4	103.2	104.1	-	-
Electronic markets and agents and brokers ⁴	425	152.9	153.2	154.2	-	-	242.9	241.7	241.8	-	-
Retail trade.....		104.3	104.6	104.1	104.5	0.4	138.1	143.6	143.5	144.7	0.8
Motor vehicle and parts dealers ⁴	441	113.8	114.1	114.9	-	-	140.4	147.3	149.2	-	-
Automobile dealers ⁴	4411	113.6	113.8	114.1	-	-	134.8	142.1	144.0	-	-
New car dealers ⁴	44111	107.8	108.4	108.4	-	-	128.2	135.3	137.2	-	-
Used car dealers ⁴	44112	188.0	187.7	187.6	-	-	246.4	266.5	263.2	-	-
Other motor vehicle dealers ⁴	4412	113.6	112.7	112.7	-	-	162.2	167.7	167.1	-	-
Auto parts, accessories, and tire stores ⁴	4413	113.8	115.1	117.1	-	-	154.2	161.4	163.3	-	-
Automotive parts and accessories stores ⁴	44131	109.9	111.5	113.4	-	-	155.5	163.6	164.9	-	-
Tire dealers ⁴	44132	121.3	123.4	123.3	-	-	151.6	159.0	158.7	-	-
Furniture and home furnishings stores ⁴	442	91.4	90.9	90.7	-	-	127.8	129.2	128.8	-	-
Furniture stores ⁴	4421	88.6	91.5	91.6	-	-	122.0	126.6	125.5	-	-
Home furnishings stores ⁴	4422	94.2	90.2	89.5	-	-	134.4	133.4	132.8	-	-
Floor covering stores ⁴	44221	76.6	75.7	77.7	-	-	115.7	113.2	115.3	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Other home furnishings stores ⁴	44229	109.4	101.8	98.9	-	-	158.2	155.5	152.5	-	-
Electronics and appliance stores ⁴	443	96.5	97.6	96.3	-	-	135.7	138.5	138.2	-	-
Household appliance stores ⁴	443141	61.3	67.3	65.6	-	-	81.6	98.1	96.4	-	-
Electronics stores ⁴	443142	103.3	103.5	102.3	-	-	142.7	147.2	144.9	-	-
Building material and garden supply stores ⁴	444	101.8	103.7	104.2	-	-	134.9	142.2	142.6	-	-
Building material and supplies dealers ⁴	4441	100.6	102.7	102.9	-	-	132.4	140.3	140.3	-	-
Home centers ⁴	44411	114.9	117.4	117.7	-	-	145.8	155.6	156.2	-	-
Hardware stores ⁴	44413	89.2	87.7	87.7	-	-	122.1	126.8	125.1	-	-
Lawn and garden equipment and supplies stores ⁴	4442	111.3	113.5	114.2	-	-	155.8	160.0	161.3	-	-
Food and beverage stores ⁴	445	94.1	94.9	95.0	-	-	116.1	121.5	122.6	-	-
Grocery stores ⁴	4451	95.6	96.0	95.8	-	-	118.6	123.1	123.9	-	-
Supermarkets and other grocery stores ⁴	44511	94.4	95.0	95.2	-	-	117.0	121.7	123.1	-	-
Convenience stores ⁴	44512	113.4	110.7	109.1	-	-	146.8	148.6	146.1	-	-
Specialty food stores ⁴	4452	76.9	81.5	81.8	-	-	91.4	102.7	102.9	-	-
Meat markets and fish and seafood markets ⁴	44521,2	99.4	102.0	102.2	-	-	122.1	129.7	128.5	-	-
Beer, wine, and liquor stores ⁴	4453	104.7	107.1	105.7	-	-	124.5	134.6	134.7	-	-
Health and personal care stores ⁴	446	106.2	106.3	104.7	-	-	158.1	161.9	159.4	-	-
Pharmacies and drug stores ⁴	44611	97.5	93.9	94.1	-	-	155.9	153.2	153.7	-	-
Cosmetic and beauty supply stores ⁴	44612	160.7	168.5	155.1	-	-	199.3	215.4	198.2	-	-
Optical goods stores ⁴	44613	133.9	137.7	135.8	-	-	179.4	192.3	188.7	-	-
Other health and personal care stores ⁴	44619	98.6	107.1	106.5	-	-	128.6	150.0	144.3	-	-
Gasoline stations ⁴	447	103.1	103.7	104.2	-	-	139.8	142.1	142.9	-	-
Gasoline stations with convenience stores ⁴	44711	107.5	108.8	109.0	-	-	147.1	150.1	150.3	-	-
Other gasoline stations ⁴	44719	79.1	78.7	79.6	-	-	106.7	108.9	110.2	-	-
Clothing and clothing accessories stores ⁴	448	91.4	90.4	89.0	-	-	124.3	131.0	129.5	-	-
Clothing stores ⁴	4481	91.6	90.5	88.1	-	-	120.7	126.6	124.1	-	-
Women's clothing stores ⁴	44812	107.5	101.3	98.0	-	-	133.0	127.6	123.2	-	-
Family clothing stores ⁴	44814	82.7	83.1	80.5	-	-	104.1	115.0	112.3	-	-
Clothing accessories stores ⁴	44815	130.4	124.6	123.1	-	-	197.7	194.8	196.5	-	-
Shoe stores ⁴	4482	107.9	112.8	112.2	-	-	171.5	188.8	186.1	-	-
Jewelry, luggage, and leather goods stores ⁴	4483	73.5	72.1	73.2	-	-	107.2	112.2	115.2	-	-
Sporting goods, hobby, book, and music stores ⁴	451	108.1	96.6	95.4	-	-	158.4	142.4	138.5	-	-
Sporting goods and musical instrument stores ⁴	4511	129.0	115.9	114.0	-	-	184.7	166.2	161.3	-	-
Sporting goods stores ⁴	45111	151.9	149.0	147.9	-	-	209.3	210.9	207.3	-	-
Book stores and news dealers ⁴	4512	42.8	37.3	39.1	-	-	67.0	57.6	61.0	-	-
General merchandise stores ⁴	452	120.6	121.2	120.7	-	-	160.9	171.3	172.1	-	-
Miscellaneous store retailers ⁴	453	82.1	82.6	82.0	-	-	104.7	108.9	108.4	-	-
Florists ⁴	4531	45.8	45.4	44.5	-	-	61.8	64.7	64.2	-	-
Office supplies, stationery, and gift stores ⁴	4532	49.0	48.4	49.1	-	-	61.6	61.9	62.4	-	-
Office supplies and stationery stores ⁴	45321	47.5	45.6	46.6	-	-	56.4	55.3	54.8	-	-
Gift, novelty, and souvenir stores ⁴	45322	51.6	51.1	51.5	-	-	70.9	72.8	74.3	-	-
Used merchandise stores ⁴	4533	172.8	174.3	172.0	-	-	252.1	260.4	257.4	-	-
Other miscellaneous store retailers ⁴	4539	113.9	115.6	113.3	-	-	143.5	151.8	149.9	-	-
Pet and pet supplies stores ⁴	45391	175.4	177.5	177.1	-	-	243.6	255.4	256.4	-	-
Nonstore retailers ⁴	454	128.6	128.1	127.7	-	-	182.7	179.6	179.6	-	-
Electronic shopping and mail-order houses ⁴	4541	170.2	168.1	167.3	-	-	228.2	221.3	221.4	-	-
Transportation and warehousing.....		131.6	134.7	135.3	135.9	0.4	180.0	188.2	189.5	192.0	1.3
Air transportation ⁴	481	74.2	74.0	74.2	-	-	161.7	160.3	159.9	-	-
Truck transportation ⁴	484	116.4	120.0	119.7	-	-	161.2	169.7	171.6	-	-
General freight trucking ⁴	4841	112.5	115.8	115.1	-	-	152.2	158.7	159.8	-	-
General freight trucking, local ⁴	48411	112.1	116.0	113.0	-	-	154.4	166.9	165.1	-	-
General freight trucking, long-distance ⁴	48412	112.5	116.3	115.6	-	-	151.3	156.7	157.5	-	-
General freight trucking, long-distance TL ⁴	484121	107.5	110.3	110.2	-	-	147.1	149.0	150.6	-	-
General freight trucking, long-distance LTL ⁴	484122	124.8	129.8	129.2	-	-	160.4	172.1	172.4	-	-
Specialized freight trucking ⁴	4842	127.0	130.6	130.3	-	-	187.4	201.5	201.6	-	-
Used household and office goods moving ⁴	48421	87.8	92.7	92.3	-	-	123.6	138.2	137.1	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Other specialized trucking, local ⁴	48422	136.7	139.0	138.7	-	-	205.6	223.2	223.6	-	-
Other specialized trucking, long-distance ⁴	48423	144.2	148.6	149.6	-	-	202.5	209.8	214.9	-	-
Transit and ground passenger transportation ⁴	485	138.8	141.8	139.5	-	-	189.4	200.6	199.3	-	-
School and employee bus transportation ⁴	4854	142.1	145.7	146.9	-	-	197.2	215.0	217.8	-	-
Other ground passenger transportation ⁴	4859	202.8	209.6	211.9	-	-	258.3	274.2	279.1	-	-
Pipeline transportation ⁴	486	128.6	131.3	131.4	-	-	240.1	250.2	254.6	-	-
Support activities for transportation ⁴	488	132.8	136.9	138.8	-	-	170.1	180.0	183.8	-	-
Support activities for air transportation ⁴	4881	146.3	155.0	157.5	-	-	164.8	185.4	190.1	-	-
Airport operations ⁴	48811	150.6	155.9	157.6	-	-	143.9	157.0	162.5	-	-
Support activities for water transportation ⁴	4883	85.2	88.6	91.7	-	-	133.5	141.3	147.5	-	-
Support activities for road transportation ⁴	4884	157.9	154.0	156.6	-	-	172.1	173.4	176.9	-	-
Freight transportation arrangement ⁴	4885	136.7	142.8	142.6	-	-	194.0	205.4	204.9	-	-
Support activities for other transportation, including rail ⁴	4882,9	138.4	140.4	142.6	-	-	214.4	217.5	221.1	-	-
Couriers and messengers ⁴	492	176.7	184.4	187.3	-	-	220.6	237.2	243.8	-	-
Warehousing and storage ⁴	493	216.0	221.2	223.1	-	-	254.6	270.6	274.1	-	-
General warehousing and storage ⁴	49311	231.3	235.3	237.9	-	-	272.7	288.3	294.1	-	-
Utilities.....	22	96.8	96.5	96.7	97.3	0.6	145.9	149.4	149.1	151.2	1.4
Power generation and supply ⁴	2211	96.3	96.6	97.3	-	-	150.5	151.6	152.9	-	-
Electric power generation ⁴	22111	61.5	60.4	59.9	-	-	96.3	93.3	91.5	-	-
Fossil fuel electric power generation ⁴	221112	68.1	68.0	67.1	-	-	112.7	113.9	110.1	-	-
Electric power transmission and distribution ⁴	22112	144.7	153.4	155.0	-	-	237.3	254.9	258.5	-	-
Natural gas distribution ⁴	2212	93.5	90.1	89.2	-	-	131.1	142.0	138.6	-	-
Water, sewage and other systems ⁴	2213	116.5	112.1	117.7	-	-	148.2	143.0	149.5	-	-
Information.....	51	90.8	90.2	90.3	90.3	0.0	139.5	143.8	144.6	145.1	0.3
Publishing industries, except Internet ⁴	511	97.6	100.4	98.4	-	-	154.5	160.8	159.4	-	-
Newspaper, book, and directory publishers ⁴	5111	72.6	69.1	68.6	-	-	110.6	103.7	104.5	-	-
Newspaper publishers ⁴	51111	64.3	60.5	59.3	-	-	84.3	77.3	77.9	-	-
Periodical publishers ⁴	51112	90.5	88.1	88.9	-	-	152.6	145.6	148.5	-	-
Software publishers ⁴	5112	140.3	151.2	148.6	-	-	192.5	206.4	206.8	-	-
Motion picture and sound recording industries ⁴	512	92.3	90.9	94.0	-	-	106.2	107.7	111.4	-	-
Broadcasting, except Internet ⁴	515	81.2	80.9	81.7	-	-	125.1	133.1	135.9	-	-
Radio broadcasting ⁴	51511	81.7	84.6	84.8	-	-	132.5	154.3	156.6	-	-
Telecommunications ⁴	517	70.1	66.7	66.5	-	-	105.8	105.8	105.7	-	-
Wired and wireless telecommunications carriers ⁴	5173	76.4	72.8	72.5	-	-	114.8	116.1	115.7	-	-
Data processing, hosting and related services ⁴	518	114.8	114.8	115.4	-	-	200.4	212.4	214.6	-	-
Other information services ⁴	519	251.1	261.8	263.4	-	-	399.0	429.6	419.6	-	-
Financial activities.....		114.8	116.1	116.7	116.6	-0.1	188.2	193.0	193.6	194.2	0.3
Credit intermediation and related activities ⁴	522	108.6	108.3	108.6	-	-	177.1	180.0	179.6	-	-
Depository credit intermediation ⁴	5221	106.0	106.4	106.4	-	-	176.9	185.2	186.2	-	-
Commercial banking ⁴	52211	111.9	112.4	112.6	-	-	190.7	199.9	202.0	-	-
Savings institutions ⁴	52212	49.8	49.4	49.3	-	-	76.3	80.5	80.5	-	-
Credit unions and other depository credit intermediation ⁴	52213,9	130.4	133.4	133.4	-	-	211.5	222.6	220.1	-	-
Nondepository credit intermediation ⁴	5222	101.3	101.9	102.0	-	-	155.0	158.4	156.7	-	-
Consumer lending ⁴	522291	109.9	106.1	105.7	-	-	143.5	141.6	140.9	-	-
Real estate credit ⁴	522292	97.1	98.3	98.1	-	-	138.7	139.8	136.6	-	-
Activities related to credit intermediation ⁴	5223	148.7	141.8	143.2	-	-	247.3	218.9	213.1	-	-
Securities, commodity contracts, investments, and funds and trusts ⁴	523,5	129.4	129.6	131.6	-	-	235.8	233.6	236.4	-	-
Securities brokerage ⁴	52312	105.7	108.2	108.4	-	-	182.3	192.0	192.0	-	-
Securities and commodity contracts brokerage and exchanges ⁴	5231,2	101.7	100.4	102.3	-	-	193.5	181.1	183.6	-	-
Other financial investment activities, including funds and trusts ⁴	5239; 525	177.3	179.4	180.5	-	-	306.2	320.7	322.6	-	-
Portfolio management ⁴	52392	174.7	171.5	170.5	-	-	318.7	324.9	325.2	-	-
Investment advice ⁴	52393	222.9	236.2	239.8	-	-	360.9	410.6	414.4	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Insurance carriers and related activities ⁴	524	117.9	118.1	118.2	-	-	181.2	184.8	185.1	-	-
Insurance carriers ⁴	5241	105.4	104.9	104.5	-	-	163.3	165.8	165.3	-	-
Direct life and health insurance carriers ⁴	52411	111.1	112.9	114.0	-	-	179.0	188.3	189.3	-	-
Direct insurers, except life and health ⁴	52412	99.2	97.8	94.8	-	-	145.2	144.2	140.1	-	-
Reinsurance carriers ⁴	52413	94.7	93.7	94.8	-	-	228.0	212.5	212.1	-	-
Insurance agencies, brokerages, and related services ⁴ ..	5242	144.6	144.1	144.7	-	-	223.6	226.5	227.3	-	-
Insurance agencies and brokerages ⁴	52421	142.1	140.7	141.3	-	-	216.7	219.0	219.7	-	-
Other insurance-related activities ⁴	52429	149.8	151.8	153.0	-	-	237.3	243.7	245.5	-	-
Third-party administration of insurance funds ⁴	524292	142.1	147.1	149.7	-	-	231.1	245.1	247.8	-	-
Real estate ⁴	531	123.0	126.2	127.2	-	-	203.9	213.2	214.9	-	-
Lessors of real estate ⁴	5311	95.3	99.0	99.6	-	-	156.1	168.4	169.9	-	-
Lessors of residential buildings ⁴	53111	91.4	91.8	93.6	-	-	143.8	148.2	153.1	-	-
Lessors of nonresidential buildings ⁴	53112	90.4	98.0	98.2	-	-	174.7	200.3	200.0	-	-
Offices of real estate agents and brokers ⁴	5312	114.4	115.9	117.4	-	-	201.5	203.6	205.5	-	-
Activities related to real estate ⁴	5313	167.2	171.4	171.7	-	-	262.6	272.6	272.9	-	-
Real estate property managers ⁴	53131	169.3	174.1	174.3	-	-	264.1	277.2	277.8	-	-
Residential property managers ⁴	531311	181.1	185.4	185.3	-	-	277.5	294.2	295.4	-	-
Nonresidential property managers ⁴	531312	143.1	148.5	150.2	-	-	240.5	246.8	248.1	-	-
Rental and leasing services ⁴	532	99.3	106.1	107.7	-	-	160.8	181.1	183.4	-	-
Home health equipment rental ⁴	532283	120.0	119.3	119.7	-	-	126.7	132.2	134.3	-	-
General rental centers ⁴	5323	62.1	59.3	58.9	-	-	63.0	62.1	63.1	-	-
Machinery and equipment rental and leasing ⁴	5324	162.2	186.1	190.8	-	-	275.7	338.9	352.1	-	-
Heavy machinery rental and leasing ⁴	53241	155.5	181.4	180.3	-	-	302.1	355.1	356.7	-	-
Office equipment and other machinery rental and leasing ⁴	53242,9	173.2	193.0	207.1	-	-	239.9	312.8	342.7	-	-
Professional and business services.....		133.6	136.0	136.8	136.9	0.1	208.5	217.7	219.4	220.2	0.4
Professional and technical services ⁴	54	144.0	147.4	148.0	-	-	227.2	238.5	239.4	-	-
Legal services ⁴	5411	102.9	103.5	103.5	-	-	157.1	166.2	166.5	-	-
Offices of lawyers ⁴	54111	101.3	101.6	101.7	-	-	155.4	163.8	164.4	-	-
Other legal services ⁴	54119	129.9	128.5	129.2	-	-	209.0	209.5	210.6	-	-
Title abstract and settlement offices ⁴	541191	113.1	113.0	113.5	-	-	159.7	164.5	165.6	-	-
Accounting and bookkeeping services ⁴	5412	117.9	119.1	120.9	-	-	187.3	195.0	197.5	-	-
Offices of certified public accountants ⁴	541211	131.8	130.8	133.0	-	-	195.3	198.1	200.4	-	-
Payroll services ⁴	541214	130.7	136.3	136.9	-	-	211.4	233.5	231.5	-	-
Architectural and engineering services ⁴	5413	116.2	117.5	118.4	-	-	183.1	189.1	190.7	-	-
Architectural services ⁴	54131	108.1	109.5	110.6	-	-	164.9	171.5	174.1	-	-
Landscape architectural services ⁴	54132	76.7	82.2	84.9	-	-	128.1	141.8	142.3	-	-
Engineering and drafting services ⁴	54133,4	121.0	122.5	122.7	-	-	191.1	196.7	197.8	-	-
Building inspection, surveying, and mapping services ⁴ ..	54135,6,7	96.4	99.9	100.9	-	-	157.9	167.4	167.2	-	-
Testing laboratories ⁴	54138	120.1	120.4	120.5	-	-	174.5	184.1	184.6	-	-
Specialized design services ⁴	5414	115.7	119.3	117.5	-	-	202.3	211.8	208.9	-	-
Graphic design services ⁴	54143	97.9	93.0	93.0	-	-	175.1	171.5	171.3	-	-
Computer systems design and related services ⁴	5415	184.8	190.2	189.9	-	-	269.8	282.6	282.1	-	-
Custom computer programming services ⁴	541511	175.8	180.1	180.3	-	-	253.0	262.9	262.6	-	-
Computer systems design services ⁴	541512	227.6	234.7	234.1	-	-	317.0	333.6	332.5	-	-
Management and technical consulting services ⁴	5416	236.5	246.5	250.0	-	-	357.9	378.8	382.0	-	-
Management consulting services ⁴	54161	235.4	246.1	251.3	-	-	347.1	368.7	374.4	-	-
Administrative management consulting services ⁴	541611	264.5	280.6	287.7	-	-	420.3	448.6	455.4	-	-
Marketing consulting services ⁴	541613	403.5	418.2	416.9	-	-	582.7	616.9	615.2	-	-
Process and logistics consulting services ⁴	541614	213.5	230.3	230.9	-	-	265.1	285.7	285.4	-	-
Scientific research and development services ⁴	5417	136.0	142.2	143.3	-	-	230.8	243.5	247.9	-	-
Research and development in the physical, engineering, and life sciences ⁴	54171	142.2	149.2	150.4	-	-	242.3	255.5	260.3	-	-
Research and development in nanotechnology ⁴	541713	160.0	178.5	177.0	-	-	262.0	311.4	319.5	-	-
Research and development in biotechnology, except nanobiotechnology ⁴	541714	174.3	182.9	184.4	-	-	281.8	297.5	303.6	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology ⁴	541715	131.3	136.7	137.9	-	-	230.4	240.3	243.6	-	-
Social science and humanities research ⁴	54172	87.9	87.8	90.1	-	-	132.4	138.4	141.5	-	-
Advertising and related services ⁴	5418	125.1	127.8	127.1	-	-	202.6	212.9	213.5	-	-
Advertising agencies ⁴	54181	141.3	141.2	143.0	-	-	216.3	220.2	221.7	-	-
Public relations agencies ⁴	54182	130.3	146.6	146.9	-	-	211.3	248.2	249.2	-	-
Advertising material distribution and other advertising services ⁴	54187,9	144.9	151.3	146.4	-	-	230.7	252.1	256.5	-	-
Other professional and technical services ⁴	5419	167.0	175.7	176.2	-	-	284.3	309.8	311.5	-	-
Marketing research and public opinion polling ⁴	54191	84.0	90.9	86.7	-	-	140.0	154.3	150.0	-	-
Photographic services ⁴	54192	69.8	57.6	55.7	-	-	114.7	103.7	98.5	-	-
Veterinary services ⁴	54194	172.2	176.1	178.1	-	-	273.4	275.5	277.6	-	-
Miscellaneous professional and technical services ⁴	54193,9	429.0	488.1	498.1	-	-	769.5	924.9	946.0	-	-
Management of companies and enterprises ⁴	55	125.9	127.5	127.8	-	-	218.8	226.4	227.0	-	-
Offices of bank holding companies and of other holding companies ⁴	551111,2	98.2	110.0	111.8	-	-	166.0	190.6	191.1	-	-
Managing offices ⁴	551114	127.2	128.2	128.5	-	-	222.1	228.4	229.0	-	-
Administrative and waste services ⁴	56	126.8	128.7	129.4	-	-	179.2	186.8	188.7	-	-
Administrative and support services ⁴	561	126.7	128.1	129.1	-	-	179.8	186.6	188.9	-	-
Office administrative services ⁴	5611	195.8	192.4	195.5	-	-	338.8	345.1	352.1	-	-
Facilities support services ⁴	5612	155.6	152.4	152.1	-	-	175.7	176.3	176.1	-	-
Employment services ⁴	5613	120.0	121.2	122.2	-	-	162.9	168.4	170.4	-	-
Employment placement agencies and executive search services ⁴	56131	107.7	115.0	113.3	-	-	173.5	178.8	175.6	-	-
Temporary help services ⁴	56132	144.7	144.8	146.8	-	-	195.8	201.5	205.2	-	-
Professional employer organizations ⁴	56133	50.5	51.4	51.4	-	-	66.4	68.4	69.0	-	-
Business support services ⁴	5614	129.9	131.5	132.3	-	-	189.8	195.5	199.8	-	-
Telephone call centers ⁴	56142	168.2	167.4	166.3	-	-	260.7	262.1	262.6	-	-
Business service centers ⁴	56143	90.8	89.6	91.2	-	-	125.8	121.6	124.4	-	-
Collection agencies ⁴	56144	86.5	88.2	88.0	-	-	124.8	128.4	128.7	-	-
Travel arrangement and reservation services ⁴	5615	89.8	86.0	86.8	-	-	149.3	142.0	146.3	-	-
Travel agencies ⁴	56151	75.4	67.8	69.6	-	-	102.0	94.1	97.8	-	-
Investigation and security services ⁴	5616	127.7	129.9	130.3	-	-	191.6	204.1	205.2	-	-
Security and armored car services ⁴	56161	125.0	125.7	126.7	-	-	184.9	193.0	194.8	-	-
Security systems services ⁴	56162	147.5	155.9	153.8	-	-	223.7	252.1	251.2	-	-
Services to buildings and dwellings ⁴	5617	134.6	138.0	139.2	-	-	190.8	202.5	204.6	-	-
Exterminating and pest control services ⁴	56171	166.0	157.5	159.3	-	-	252.0	234.1	233.1	-	-
Janitorial services ⁴	56172	126.5	131.3	132.1	-	-	175.4	186.0	187.0	-	-
Landscaping services ⁴	56173	142.9	146.4	147.1	-	-	204.4	220.5	223.4	-	-
Carpet and upholstery cleaning services ⁴	56174	95.4	98.5	100.8	-	-	133.3	146.2	148.9	-	-
Other services to buildings and dwellings ⁴	56179	125.1	144.5	143.4	-	-	160.7	193.1	188.8	-	-
Other support services ⁴	5619	113.4	118.4	118.3	-	-	148.3	160.9	161.5	-	-
Packaging and labeling services ⁴	56191	128.9	124.6	122.3	-	-	196.5	188.7	183.7	-	-
Convention and trade show organizers ⁴	56192	103.9	111.2	109.7	-	-	114.5	124.5	122.4	-	-
All other support services ⁴	56199	110.4	118.7	119.4	-	-	153.9	173.3	175.5	-	-
Waste management and remediation services ⁴	562	129.5	136.7	137.9	-	-	172.3	188.6	190.5	-	-
Waste collection ⁴	5621	169.1	176.7	179.5	-	-	229.0	245.5	248.6	-	-
Waste treatment and disposal ⁴	5622	86.6	91.2	89.9	-	-	133.0	142.6	141.2	-	-
Remediation and other waste services ⁴	5629	135.5	145.0	145.5	-	-	165.6	188.8	190.3	-	-
Education and health services.....		141.3	143.2	143.4	143.5	0.1	216.6	224.3	225.0	225.9	0.4
Health care and social assistance ⁴	62	143.2	145.3	145.6	-	-	221.3	230.4	231.1	-	-
Health care ^{6, 4}	621,2,3	138.8	141.1	141.4	-	-	219.7	228.9	229.8	-	-
Ambulatory health care services ⁴	621	161.8	164.4	164.7	-	-	254.4	263.2	264.1	-	-
Offices of physicians ⁴	6211	138.8	142.2	142.1	-	-	250.3	260.7	260.6	-	-
Offices of physicians, except mental health ⁴	621111	139.1	142.3	142.2	-	-	251.6	262.2	261.8	-	-
Offices of mental health physicians ⁴	621112	128.5	133.7	129.0	-	-	187.1	179.5	183.6	-	-
Offices of dentists ⁴	6212	127.1	126.1	126.7	-	-	181.7	184.0	184.0	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Offices of other health practitioners ⁴	6213	180.0	185.8	186.6	-	-	263.5	276.9	277.7	-	-
Offices of chiropractors ⁴	62131	139.1	138.3	138.8	-	-	198.7	194.8	201.0	-	-
Offices of optometrists ⁴	62132	152.0	161.7	162.6	-	-	233.9	245.6	246.7	-	-
Offices of mental health practitioners ⁴	62133	146.0	147.5	147.3	-	-	178.4	177.1	174.0	-	-
Offices of specialty therapists ⁴	62134	197.3	206.3	208.0	-	-	290.4	316.1	316.9	-	-
Offices of all other health practitioners ⁴	62139	255.5	255.2	256.8	-	-	356.7	357.7	363.2	-	-
Outpatient care centers ⁴	6214	215.8	225.8	227.5	-	-	339.3	362.0	364.8	-	-
Outpatient mental health centers ⁴	62142	176.1	179.8	182.4	-	-	236.7	253.7	257.8	-	-
Outpatient care centers, except mental health ⁴	62141,9	234.8	246.9	247.7	-	-	380.5	404.9	406.1	-	-
Freestanding emergency medical centers ⁴	621493	254.8	269.5	271.5	-	-	398.6	419.0	424.9	-	-
Miscellaneous outpatient care centers ⁴	621410,98	234.5	248.3	251.9	-	-	379.3	404.9	410.5	-	-
Medical and diagnostic laboratories ⁴	6215	162.1	159.8	159.7	-	-	234.3	242.0	242.9	-	-
Medical laboratories ⁴	621511	164.5	161.9	163.5	-	-	239.2	244.5	247.4	-	-
Diagnostic imaging centers ⁴	621512	155.5	152.9	151.2	-	-	223.2	235.2	232.5	-	-
Home health care services ⁴	6216	213.1	216.4	214.6	-	-	285.0	291.6	290.2	-	-
Other ambulatory health care services ⁴	6219	163.5	158.3	158.2	-	-	267.7	263.9	264.4	-	-
Ambulance services ⁴	62191	164.1	159.6	159.6	-	-	253.4	261.6	261.1	-	-
All other ambulatory health care services ⁴	62199	164.1	156.1	156.6	-	-	288.2	266.9	268.6	-	-
Hospitals ⁴	622	129.2	131.6	131.8	-	-	212.4	222.4	222.9	-	-
General medical and surgical hospitals ⁴	6221	126.8	128.6	128.8	-	-	209.4	218.1	218.4	-	-
Nursing and residential care facilities ⁴	623	120.6	120.8	121.1	-	-	167.2	172.8	173.8	-	-
Nursing care facilities ⁴	6231	103.2	102.6	102.4	-	-	144.4	147.4	148.2	-	-
Residential mental health facilities ⁴	6232	133.0	134.6	136.1	-	-	187.9	199.5	201.4	-	-
Residential intellectual and developmental disability facilities ⁴	62321	123.0	123.2	124.6	-	-	166.9	173.4	175.7	-	-
Residential mental health and substance abuse facilities ⁴	62322	154.9	159.8	160.5	-	-	228.6	249.7	249.8	-	-
Community care facilities for the elderly ⁴	6233	167.8	170.6	170.8	-	-	237.2	248.3	249.2	-	-
Continuing care retirement communities ⁴	623311	206.2	204.6	206.4	-	-	293.7	300.1	303.5	-	-
Assisted living facilities for the elderly ⁴	623312	136.1	141.9	142.1	-	-	185.2	199.5	200.6	-	-
Other residential care facilities ⁴	6239	98.2	99.7	100.1	-	-	131.5	138.2	138.9	-	-
Social assistance ⁴	624	167.1	169.6	170.2	-	-	231.4	242.3	244.0	-	-
Individual and family services ⁴	6241	225.0	230.3	231.9	-	-	302.2	319.7	322.7	-	-
Child and youth services ⁴	62411	132.9	138.9	141.9	-	-	193.0	204.8	209.8	-	-
Services for the elderly and persons with disabilities ⁴	62412	289.3	293.5	296.4	-	-	397.3	419.8	424.3	-	-
Other individual and family services ⁴	62419	142.7	147.2	145.8	-	-	209.0	219.2	218.9	-	-
Emergency and other relief services ⁴	6242	140.3	145.9	146.9	-	-	213.2	223.9	224.6	-	-
Vocational rehabilitation services ⁴	6243	95.5	94.9	95.7	-	-	130.8	131.3	132.3	-	-
Child day care services ⁴	6244	129.4	129.5	129.4	-	-	179.1	184.8	186.4	-	-
Leisure and hospitality.....		130.0	130.8	131.7	131.8	0.1	199.6	207.9	210.3	211.3	0.5
Arts, entertainment, and recreation ⁴	71	115.7	114.9	117.2	-	-	168.6	172.8	178.0	-	-
Performing arts and spectator sports ⁴	711	123.4	128.9	132.6	-	-	201.4	213.6	222.9	-	-
Performing arts companies ⁴	7111	110.6	118.9	116.6	-	-	215.2	228.8	226.4	-	-
Spectator sports ⁴	7112	99.4	110.6	117.3	-	-	151.3	166.4	176.1	-	-
Arts and sports promoters and agents and managers for public figures ⁴	7113,4	176.5	179.1	183.2	-	-	251.0	283.4	295.3	-	-
Independent artists, writers, and performers ⁴	7115	130.1	133.0	132.6	-	-	242.9	238.3	237.5	-	-
Museums, historical sites, and similar institutions ⁴	712	135.0	141.3	144.3	-	-	188.0	199.4	204.0	-	-
Museums ⁴	71211	118.7	123.1	124.9	-	-	163.1	169.2	173.5	-	-
Historical sites and other similar institutions ⁴	71212,3,9	160.9	170.4	175.3	-	-	237.9	261.5	269.0	-	-
Amusements, gambling, and recreation ⁴	713	111.5	108.7	110.2	-	-	151.9	153.3	155.2	-	-
Gambling industries ⁴	7132	91.1	86.3	87.7	-	-	147.4	141.1	143.9	-	-
Golf courses and country clubs ⁴	71391	118.0	117.8	120.9	-	-	167.1	173.9	178.2	-	-
Skiing facilities ⁴	71392	144.1	159.9	171.7	-	-	240.8	281.5	301.9	-	-
Marinas ⁴	71393	126.7	127.8	125.8	-	-	186.9	199.9	207.5	-	-
Fitness and recreational sports centers ⁴	71394	109.3	110.2	110.6	-	-	135.5	136.9	138.1	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P	Nov. 2017	Sept. 2018	Oct. 2018 ^P	Nov. 2018 ^P	Percent change from: Oct.2018 - Nov.2018 ^P
Bowling centers ⁴	71395	74.5	73.7	74.5	-	-	100.4	105.5	106.2	-	-
Accommodation and food services ⁴	72	132.2	133.5	134.3	-	-	207.2	216.4	218.5	-	-
Accommodation ⁴	721	113.4	113.1	113.1	-	-	164.5	169.0	169.2	-	-
Traveler accommodation ⁴	7211	111.9	111.3	111.2	-	-	162.6	166.5	166.8	-	-
Hotels and motels, except casino hotels ⁴	72111	116.1	114.2	113.7	-	-	171.1	173.0	172.8	-	-
RV parks and recreational camps ⁴	7212	173.9	184.8	180.8	-	-	247.1	266.8	253.8	-	-
Food services and drinking places ⁴	722	136.6	138.7	139.0	-	-	219.7	231.4	232.9	-	-
Special food services ⁴	7223	137.5	148.1	145.8	-	-	200.2	225.7	222.6	-	-
Food service contractors ⁴	72231	140.1	150.4	147.1	-	-	196.7	221.1	218.0	-	-
Caterers and mobile food services ⁴	72232,3	128.3	138.9	138.9	-	-	212.3	238.6	235.1	-	-
Drinking places, alcoholic beverages ⁴	7224	102.8	103.4	103.5	-	-	198.2	208.1	211.9	-	-
Restaurants and other eating places ⁴	7225	138.3	139.7	140.7	-	-	222.9	233.4	235.7	-	-
Full-service restaurants ⁴	722511	132.2	134.3	134.8	-	-	224.1	235.3	237.3	-	-
Limited-service restaurants ⁴	722513	142.1	142.5	144.0	-	-	215.6	224.0	227.0	-	-
Cafeterias, grill buffets, and buffets ⁴	722514	78.3	79.4	80.2	-	-	106.6	115.7	120.7	-	-
Snack and nonalcoholic beverage bars ⁴	722515	210.6	209.5	211.7	-	-	321.8	334.6	340.0	-	-
Other services.....	81	103.5	105.1	105.6	106.0	0.4	153.9	158.8	159.8	160.6	0.5
Repair and maintenance ⁴	811	108.3	108.3	109.5	-	-	156.4	161.5	164.0	-	-
Automotive repair and maintenance ⁴	8111	105.8	104.4	105.3	-	-	153.2	154.5	156.3	-	-
Automotive mechanical and electrical repair ⁴	81111	100.3	100.0	100.5	-	-	141.9	141.9	143.1	-	-
General automotive repair ⁴	811111	113.7	114.2	114.7	-	-	158.9	160.2	161.8	-	-
Automotive body, interior, and glass repair ⁴	81112	107.7	105.9	106.6	-	-	162.2	161.2	162.2	-	-
Other automotive repair and maintenance ⁴	81119	114.7	111.0	112.9	-	-	167.2	177.1	182.8	-	-
Car washes ⁴	811192	126.5	124.1	125.4	-	-	186.5	195.2	197.5	-	-
Auto oil change shops and all other auto repair and maintenance ⁴	811191,8	98.2	95.0	95.8	-	-	144.4	159.1	165.9	-	-
Electronic equipment repair and maintenance ⁴	8112	97.3	98.9	98.5	-	-	139.7	144.2	144.9	-	-
Computer and office machine repair ⁴	811212	88.2	100.2	100.1	-	-	119.5	129.4	132.6	-	-
Miscellaneous electronic equipment repair and maintenance ⁴	811211,3,9	105.1	98.3	97.5	-	-	157.0	156.5	155.6	-	-
Commercial machinery repair and maintenance ⁴	8113	139.7	145.8	148.9	-	-	201.2	226.2	231.4	-	-
Household goods repair and maintenance ⁴	8114	85.9	92.5	90.1	-	-	111.2	118.5	118.2	-	-
Personal and laundry services ⁴	812	107.8	111.6	114.1	-	-	154.1	161.7	165.6	-	-
Personal care services ⁴	8121	128.0	131.2	134.6	-	-	190.2	194.1	199.4	-	-
Hair, nail, and skin care services ⁴	81211	118.5	122.7	125.4	-	-	169.3	173.9	178.3	-	-
Other personal care services ⁴	81219	206.4	195.2	206.3	-	-	363.3	357.3	377.5	-	-
Death care services ⁴	8122	91.9	91.9	94.8	-	-	137.4	135.8	140.6	-	-
Drycleaning and laundry services ⁴	8123	80.0	79.9	80.5	-	-	107.9	112.1	113.1	-	-
Coin-operated laundries and drycleaners ⁴	81231	77.2	66.5	67.9	-	-	87.9	80.9	84.0	-	-
Drycleaning and laundry services, except coin-operated ⁴	81232	61.8	60.1	61.4	-	-	86.4	88.8	90.3	-	-
Linen and uniform supply ⁴	81233	105.0	109.3	109.1	-	-	134.0	143.2	142.6	-	-
Other personal services ⁴	8129	128.1	141.2	145.9	-	-	168.9	194.6	199.3	-	-
Pet care services, except veterinary ⁴	81291	360.2	379.2	390.2	-	-	407.5	454.5	459.3	-	-
Parking lots and garages ⁴	81293	127.1	136.0	140.0	-	-	189.7	200.0	205.9	-	-
Membership associations and organizations ⁴	813	99.6	100.7	100.7	-	-	153.2	156.5	156.7	-	-
Grantmaking and giving services ⁴	8132	146.4	151.9	149.9	-	-	272.0	292.1	294.7	-	-
Grantmaking foundations ⁴	813211	259.1	265.0	259.6	-	-	472.6	490.2	493.0	-	-
Social advocacy organizations ⁴	8133	125.4	126.4	127.0	-	-	224.1	233.1	233.2	-	-
Human rights organizations ⁴	813311	111.6	110.9	110.3	-	-	194.4	205.7	204.3	-	-
Environment, conservation, and other social advocacy organizations ⁴	813312,9	129.6	131.0	131.7	-	-	234.7	242.9	243.0	-	-
Civic and social organizations ⁴	8134	84.3	82.5	81.6	-	-	124.7	126.0	125.6	-	-
Professional and similar organizations ⁴	8139	101.1	107.3	107.6	-	-	157.5	168.1	169.4	-	-
Business associations ⁴	81391	98.5	98.2	98.3	-	-	161.7	157.4	162.3	-	-

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				
		Nov. 2017	Sept. 2018	Oct. 2018 ^p	Nov. 2018 ^p	Percent change from: Oct.2018 - Nov.2018 ^p	Nov. 2017	Sept. 2018	Oct. 2018 ^p	Nov. 2018 ^p	Percent change from: Oct.2018 - Nov.2018 ^p
Professional organizations ⁴	81392	150.5	151.2	153.1	—	—	230.5	232.7	234.7	—	—
Labor unions and similar labor organizations ⁴	81393	85.9	91.0	91.0	—	—	128.7	142.5	143.0	—	—
Miscellaneous professional and similar organizations ⁴ ...	81394,9	97.5	110.3	111.8	—	—	154.0	179.2	182.4	—	—

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 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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