

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Total private.....		115.0	117.0	117.2	117.4	0.2	169.2	176.1	176.9	177.5	0.3
Goods-producing.....		91.0	94.2	94.2	94.3	0.1	128.7	137.4	137.5	137.9	0.3
Mining and logging.....		120.5	135.9	137.9	139.7	1.3	191.8	221.0	224.5	228.2	1.6
Logging ⁴	1133	75.3	76.8	77.1	-	-	105.4	108.4	109.4	-	-
Mining ⁴	21	126.7	143.5	146.2	-	-	202.0	233.3	237.7	-	-
Oil and gas extraction ⁴	211	112.9	133.0	135.2	-	-	204.8	239.7	251.7	-	-
Mining, except oil and gas ⁴	212	86.1	86.9	89.3	-	-	124.0	123.1	126.4	-	-
Coal mining ⁴	2121	70.1	70.9	74.3	-	-	105.5	102.9	108.2	-	-
Stone mining and quarrying ⁴	21231	87.8	88.5	89.9	-	-	123.4	128.6	132.1	-	-
Crushed and broken limestone mining ⁴	212312	80.5	82.5	83.6	-	-	115.5	119.1	120.9	-	-
Other stone mining and quarrying ⁴	212311,3,9	98.0	96.9	97.7	-	-	134.1	142.9	147.1	-	-
Support activities for mining ⁴	213	176.6	212.4	214.1	-	-	303.0	379.3	380.5	-	-
Support activities for oil and gas operations ⁴	213112	197.5	247.6	254.3	-	-	371.3	491.3	501.6	-	-
Construction.....	23	103.2	107.9	108.6	107.7	-0.8	148.4	160.1	161.3	160.2	-0.7
Construction of buildings ⁴	236	93.5	95.4	94.9	-	-	137.3	146.3	145.2	-	-
Residential building ⁴	2361	86.2	88.2	88.2	-	-	121.9	131.8	130.6	-	-
New single-family general contractors ⁴	236115	65.5	65.8	66.0	-	-	93.3	99.1	99.3	-	-
Residential remodelers ⁴	236118	122.9	132.0	133.3	-	-	164.7	186.8	186.6	-	-
Nonresidential building ⁴	2362	100.7	102.2	101.0	-	-	150.0	157.9	156.5	-	-
Industrial building ⁴	23621	90.9	100.0	95.1	-	-	139.2	156.9	150.8	-	-
Commercial building ⁴	23622	104.3	103.5	103.1	-	-	153.6	159.1	158.4	-	-
Heavy and civil engineering construction ⁴	237	108.3	111.7	114.1	-	-	172.4	181.2	185.1	-	-
Utility system construction ⁴	2371	136.6	142.3	145.1	-	-	224.8	242.6	246.1	-	-
Water and sewer system construction ⁴	23711	104.2	110.1	111.6	-	-	151.7	163.8	167.0	-	-
Oil and gas pipeline construction ⁴	23712	192.8	191.7	197.6	-	-	370.4	371.0	374.5	-	-
Power and communication system construction ⁴	23713	143.6	151.6	154.3	-	-	232.3	264.4	269.2	-	-
Highway, street, and bridge construction ⁴	2373	94.9	96.8	99.6	-	-	135.9	140.1	145.7	-	-
Specialty trade contractors ⁴	238	105.5	110.9	111.7	-	-	147.0	159.1	160.6	-	-
Building foundation and exterior contractors ⁴	2381	99.0	101.9	103.6	-	-	135.5	143.0	146.8	-	-
Poured concrete structure contractors ⁴	23811	125.2	131.1	132.2	-	-	188.0	198.2	199.6	-	-
Steel and precast concrete contractors ⁴	23812	92.2	95.9	104.9	-	-	123.3	122.8	144.5	-	-
Framing contractors ⁴	23813	68.2	67.8	65.5	-	-	83.1	88.3	86.8	-	-
Masonry contractors ⁴	23814	66.1	68.8	70.5	-	-	88.6	94.6	98.7	-	-
Glass and glazing contractors ⁴	23815	130.0	129.2	127.3	-	-	168.5	179.1	179.4	-	-
Roofing contractors ⁴	23816	116.5	119.5	122.3	-	-	163.3	173.6	178.2	-	-
Siding contractors ⁴	23817	116.5	120.4	123.6	-	-	180.5	202.5	211.1	-	-
Other building exterior contractors ⁴	23819	131.9	136.9	131.3	-	-	174.9	192.0	170.1	-	-
Building equipment contractors ⁴	2382	112.2	117.1	117.8	-	-	154.2	165.5	165.9	-	-
Electrical contractors ⁴	23821	98.7	104.3	104.3	-	-	138.3	149.1	147.5	-	-
Plumbing and HVAC contractors ⁴	23822	123.9	129.5	130.8	-	-	168.5	182.5	184.9	-	-
Other building equipment contractors ⁴	23829	133.4	135.3	133.1	-	-	180.8	184.1	181.0	-	-
Building finishing contractors ⁴	2383	91.4	96.0	96.6	-	-	129.5	143.3	143.7	-	-
Drywall and insulation contractors ⁴	23831	76.5	83.1	83.5	-	-	113.0	126.6	126.1	-	-
Painting and wall covering contractors ⁴	23832	96.1	93.3	94.2	-	-	125.3	131.1	136.1	-	-
Flooring contractors ⁴	23833	97.4	104.5	104.9	-	-	135.7	152.6	156.6	-	-
Tile and terrazzo contractors ⁴	23834	114.9	127.5	126.2	-	-	197.4	226.6	216.2	-	-
Finish carpentry contractors ⁴	23835	101.6	113.3	114.5	-	-	142.5	172.1	172.8	-	-
Other building finishing contractors ⁴	23839	108.0	113.7	114.3	-	-	158.3	163.1	161.6	-	-
Other specialty trade contractors ⁴	2389	117.3	126.6	128.2	-	-	167.4	184.3	188.7	-	-
Site preparation contractors ⁴	23891	115.6	130.6	131.7	-	-	162.5	191.4	193.8	-	-
All other specialty trade contractors ⁴	23899	118.1	121.3	123.2	-	-	171.1	174.8	181.4	-	-
Manufacturing.....		84.0	86.3	85.7	86.1	0.5	114.6	121.0	120.1	120.9	0.7
Durable goods.....		84.5	87.1	86.3	87.0	0.8	115.1	121.8	120.4	121.9	1.2
Wood products.....	321	72.7	73.8	73.5	74.2	1.0	102.7	106.2	105.6	107.1	1.4

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Sawmills and wood preservation ⁴	3211	77.4	73.9	74.7	-	-	104.6	100.8	102.9	-	-
Plywood and engineered wood products ⁴	3212	64.0	68.1	68.1	-	-	93.3	102.8	102.4	-	-
Other wood products ⁴	3219	74.4	76.3	74.6	-	-	106.4	110.7	107.2	-	-
Millwork ⁴	32191	68.9	69.5	68.6	-	-	96.8	98.7	96.7	-	-
Wood windows and doors ⁴	321911	66.9	71.9	71.1	-	-	101.3	109.7	107.6	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring ⁴	321912,8	69.8	66.9	66.0	-	-	91.3	88.1	85.8	-	-
Wood containers and pallets ⁴	32192	103.5	104.0	104.4	-	-	163.4	163.3	164.8	-	-
All other wood products ⁴	32199	64.8	68.1	65.4	-	-	91.5	99.7	94.6	-	-
Nonmetallic mineral products.....	327	78.0	83.1	83.3	82.5	-1.0	102.3	115.1	115.1	114.3	-0.7
Cement and concrete products ⁴	3273	87.5	92.2	91.0	-	-	113.6	127.5	127.1	-	-
Ready-mix concrete ⁴	32732	81.6	89.5	89.9	-	-	107.5	129.3	132.2	-	-
Other cement and concrete products ⁴	32731,3,9	94.8	94.7	92.1	-	-	122.4	124.5	119.6	-	-
Primary metals.....	331	74.8	79.1	77.9	78.6	0.9	97.3	104.0	103.0	103.8	0.8
Foundries ⁴	3315	64.9	65.9	65.0	-	-	81.3	87.9	86.7	-	-
Fabricated metal products.....	332	94.5	99.2	98.4	99.8	1.4	129.6	139.3	137.2	140.3	2.3
Forging and stamping ⁴	3321	90.7	99.2	97.6	-	-	122.8	132.4	130.2	-	-
Architectural and structural metals ⁴	3323	95.2	98.5	98.5	-	-	128.2	136.2	135.7	-	-
Plate work and fabricated structural products ⁴	33231	90.7	95.5	96.2	-	-	126.1	134.2	136.1	-	-
Fabricated structural metal products ⁴	332312	92.6	95.7	97.1	-	-	128.9	131.7	136.8	-	-
Ornamental and architectural metal products ⁴	33232	98.7	100.4	100.3	-	-	129.6	137.0	134.9	-	-
Sheet metal work ⁴	332322	116.8	115.7	116.5	-	-	148.5	153.2	151.7	-	-
Boilers, tanks, and shipping containers ⁴	3324	99.9	103.7	101.4	-	-	133.8	139.2	137.1	-	-
Machine shops and threaded products ⁴	3327	117.8	124.1	123.5	-	-	158.9	174.2	173.3	-	-
Machine shops ⁴	33271	128.2	136.4	136.4	-	-	173.4	191.8	191.9	-	-
Turned products and screws, nuts, and bolts ⁴	33272	91.4	92.1	91.3	-	-	120.4	127.3	126.1	-	-
Coating, engraving, and heat treating metals ⁴	3328	94.5	100.4	99.6	-	-	130.1	138.6	136.1	-	-
Metal heat treating and coating and nonprecious engraving ⁴	332811,2	115.7	118.5	117.2	-	-	152.8	158.6	155.6	-	-
Electroplating, anodizing, and coloring metals ⁴	332813	76.5	85.1	84.8	-	-	110.2	121.9	119.6	-	-
Other fabricated metal products ⁴	3329	94.5	97.3	95.6	-	-	135.4	141.8	136.1	-	-
Metal valves ⁴	33291	84.4	84.6	85.6	-	-	126.7	127.7	129.2	-	-
All other fabricated metal products ⁴	33299	99.9	104.5	100.5	-	-	139.5	149.7	138.8	-	-
Machinery.....	333	92.7	97.8	95.4	97.0	1.7	130.2	141.1	138.1	141.0	2.1
Agricultural, construction, and mining machinery ⁴	3331	117.9	136.2	132.7	-	-	175.7	212.6	204.0	-	-
Farm machinery and equipment ⁴	333111	86.7	96.7	95.2	-	-	125.3	143.0	141.1	-	-
Industrial machinery ⁴	3332	88.9	90.7	87.6	-	-	124.9	132.6	130.4	-	-
Commercial and service industry machinery ⁴	3333	76.4	78.2	79.0	-	-	113.8	120.2	121.4	-	-
HVAC and commercial refrigeration equipment ⁴	3334	83.5	84.7	77.2	-	-	115.2	125.3	113.6	-	-
Metalworking machinery ⁴	3335	85.5	88.7	88.8	-	-	113.8	118.6	119.5	-	-
Special tools, dies, jigs, and fixtures ⁴	333514	74.9	77.6	76.5	-	-	101.6	106.9	107.0	-	-
Turbine and power transmission equipment ⁴	3336	81.2	82.4	79.2	-	-	109.6	112.5	108.4	-	-
Other general purpose machinery ⁴	3339	98.9	102.0	101.2	-	-	141.8	149.0	148.2	-	-
Computer and electronic products.....	334	83.8	85.9	85.6	86.5	1.1	126.7	132.2	131.8	133.3	1.1
Communications equipment ⁴	3342	60.7	60.8	60.0	-	-	75.9	78.6	78.2	-	-
Semiconductors and electronic components ⁴	3344	70.5	71.7	71.2	-	-	100.8	103.7	102.7	-	-
Semiconductors and related devices ⁴	334413	74.2	75.3	74.9	-	-	122.8	120.2	119.2	-	-
Electronic connectors and misc. electronic components ⁴	334416,7,9	64.2	65.7	64.8	-	-	88.9	98.3	96.9	-	-
Electronic instruments ⁴	3345	128.1	129.4	129.8	-	-	217.2	221.3	222.4	-	-
Electrical equipment and appliances.....	335	77.7	79.8	79.7	79.3	-0.5	108.7	117.3	117.1	117.2	0.1
Electrical equipment ⁴	3353	79.6	83.4	82.2	-	-	112.8	121.3	119.8	-	-
Other electrical equipment and components ⁴	3359	90.1	94.7	95.4	-	-	128.2	141.4	141.1	-	-
Transportation equipment.....	336	90.2	91.8	89.9	91.1	1.3	110.3	115.9	113.4	115.5	1.9
Motor vehicles and parts ⁵	3361,2,3	83.5	84.4	82.4	83.4	1.2	85.1	89.8	87.4	88.4	1.1
Motor vehicles ⁴	3361	79.5	81.7	72.8	-	-	83.2	88.9	79.5	-	-
Motor vehicle bodies and trailers ⁴	3362	109.9	117.2	117.2	-	-	127.2	142.6	142.2	-	-
Motor vehicle parts ⁴	3363	79.8	79.9	79.3	-	-	79.3	83.8	82.8	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Motor vehicle gasoline engine and parts ⁴	33631	67.2	67.9	67.9	—	—	74.7	75.7	74.5	—	—
Motor vehicle power train components ⁴	33635	74.1	66.3	67.1	—	—	69.8	64.5	65.1	—	—
Motor vehicle metal stamping ⁴	33637	89.6	96.5	95.3	—	—	84.8	97.5	95.2	—	—
All other motor vehicle parts ⁴	33639	96.1	95.0	94.2	—	—	107.9	109.6	108.1	—	—
Aerospace products and parts ⁴	3364	123.2	126.3	125.4	—	—	206.9	216.3	214.9	—	—
Aircraft ⁴	336411	115.8	121.6	121.5	—	—	182.4	196.2	196.3	—	—
Furniture and related products.....	337	61.9	60.4	61.0	61.3	0.5	85.6	85.0	86.1	86.3	0.2
Household and institutional furniture ⁴	3371	58.9	58.2	58.9	—	—	83.0	82.5	83.6	—	—
Wood kitchen cabinets and countertops ⁴	33711	76.2	78.2	79.3	—	—	106.1	109.2	111.3	—	—
Other household and institutional furniture ⁴	33712	49.2	46.5	47.3	—	—	68.7	65.6	66.6	—	—
Upholstered household furniture ⁴	337121	68.9	63.6	65.3	—	—	92.7	87.7	89.4	—	—
Miscellaneous durable goods manufacturing.....	339	83.3	82.2	83.3	82.4	-1.1	123.2	122.8	123.6	121.9	-1.4
Medical equipment and supplies ⁴	3391	103.1	101.0	101.3	—	—	154.1	154.7	153.9	—	—
Surgical appliances and supplies ⁴	339113	110.1	111.6	113.0	—	—	145.2	154.3	154.5	—	—
Dental laboratories ⁴	339116	76.5	73.9	74.8	—	—	115.9	116.4	116.6	—	—
Other miscellaneous durable goods manufacturing ⁴ ...	3399	68.9	68.4	69.5	—	—	98.1	97.3	98.1	—	—
Signs ⁴	33995	96.5	98.8	100.8	—	—	129.9	136.9	138.6	—	—
All other miscellaneous durable goods manufacturing ⁴	33993,4,9	69.0	70.3	72.1	—	—	101.5	104.9	107.9	—	—
Nondurable goods.....		83.1	85.2	84.6	84.5	-0.1	113.3	119.8	119.1	119.1	0.0
Food manufacturing.....	311	109.6	113.4	112.9	112.4	-0.4	148.3	157.5	156.2	155.2	-0.6
Sugar and confectionery products ⁴	3113	83.7	81.7	79.4	—	—	100.5	105.7	102.6	—	—
Fruit and vegetable preserving and specialty ⁴	3114	106.7	105.3	103.9	—	—	134.9	138.1	137.7	—	—
Frozen food ⁴	31141	107.6	104.6	104.6	—	—	143.2	134.8	136.1	—	—
Fruit and vegetable canning and drying ⁴	31142	104.1	105.4	103.7	—	—	125.5	141.2	140.1	—	—
Dairy products ⁴	3115	109.5	114.2	113.7	—	—	156.8	163.7	164.8	—	—
Animal slaughtering and processing ⁴	3116	107.0	105.3	107.7	—	—	147.2	150.6	152.0	—	—
Poultry processing ⁴	311615	104.9	103.6	107.5	—	—	139.6	145.3	147.9	—	—
Seafood product preparation and packaging ⁴	3117	95.5	130.8	125.0	—	—	137.9	167.5	161.3	—	—
Bakeries and tortilla manufacturing ⁴	3118	102.0	107.4	107.4	—	—	138.8	147.6	146.8	—	—
Textile mills.....	313	36.0	37.1	36.6	37.0	1.1	48.8	52.0	51.5	51.8	0.6
Textile product mills.....	314	53.1	52.2	50.4	51.2	1.6	72.9	74.3	70.8	71.4	0.8
Apparel.....	315	30.4	31.2	30.3	29.0	-4.3	47.8	51.7	50.4	49.5	-1.8
Paper and paper products.....	322	66.3	69.4	68.9	69.4	0.7	86.5	90.1	89.9	90.1	0.2
Pulp, paper, and paperboard mills ⁴	3221	61.3	62.9	62.3	—	—	76.2	76.6	75.6	—	—
Converted paper products ⁴	3222	68.6	72.4	72.1	—	—	93.3	99.4	99.8	—	—
Paperboard containers ⁴	32221	73.1	77.9	77.4	—	—	97.9	105.3	105.6	—	—
Corrugated and solid fiber boxes ⁴	322211	74.9	77.5	77.6	—	—	99.0	103.0	104.1	—	—
Paper bags and coated and treated paper ⁴	32222	65.6	66.7	66.5	—	—	84.8	84.7	85.2	—	—
Printing and related support activities.....	323	64.2	62.4	62.6	62.6	0.0	79.9	78.2	79.1	78.6	-0.6
Petroleum and coal products.....	324	113.3	111.3	111.1	112.3	1.1	197.4	198.3	195.2	197.8	1.3
Chemicals.....	325	97.0	102.1	101.7	102.4	0.7	129.8	144.1	143.7	144.7	0.7
Basic chemicals ⁴	3251	80.4	82.6	81.1	—	—	108.8	107.8	107.5	—	—
Resin, rubber, and artificial fibers ⁴	3252	78.1	78.8	79.1	—	—	113.3	115.4	117.9	—	—
Pharmaceuticals and medicines ⁴	3254	134.9	143.9	144.4	—	—	186.4	222.7	223.9	—	—
Soaps, cleaning compounds, and toiletries ⁴	3256	89.4	94.6	93.0	—	—	114.2	129.7	128.5	—	—
Plastics and rubber products.....	326	86.1	85.5	85.1	84.8	-0.4	110.6	115.1	115.8	115.4	-0.3
Plastics products ⁴	3261	89.4	89.2	88.3	—	—	120.6	126.4	126.2	—	—
Plastics packaging materials, film, and sheet ⁴	32611	105.6	107.4	106.3	—	—	134.0	145.6	149.0	—	—
Foam products ⁴	32614,5	114.2	114.8	112.2	—	—	151.8	162.1	158.1	—	—
Other plastics products ⁴	32619	81.8	81.2	80.2	—	—	113.9	117.6	116.6	—	—
Rubber products ⁴	3262	74.7	72.4	73.0	—	—	83.2	83.8	85.7	—	—
Miscellaneous nondurable goods manufacturing.....	312,6	99.7	104.4	105.1	103.3	-1.7	123.7	128.8	130.2	128.4	-1.4
Private service-providing.....		121.8	123.3	123.6	123.7	0.1	182.0	188.1	189.0	189.6	0.3
Trade, transportation, and utilities.....		109.0	110.8	111.3	111.2	-0.1	150.5	156.0	157.6	157.6	0.0
Wholesale trade.....	42	108.3	109.3	110.1	109.5	-0.5	157.6	160.2	162.4	162.7	0.2

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Durable goods ⁴	423	102.3	104.1	104.8	-	-	143.9	149.2	150.3	-	-
Motor vehicles and parts ⁴	4231	101.3	100.8	101.8	-	-	135.4	136.8	138.2	-	-
Motor vehicles ⁴	42311	101.2	103.9	104.9	-	-	135.6	151.1	154.2	-	-
New motor vehicle parts ⁴	42312	96.5	92.9	96.2	-	-	127.0	121.7	124.7	-	-
Furniture and furnishings ⁴	4232	95.7	102.5	101.4	-	-	132.7	141.7	139.2	-	-
Lumber and construction supplies ⁴	4233	103.3	104.1	104.5	-	-	151.4	159.1	160.6	-	-
Lumber and wood ⁴	42331	88.5	89.4	89.7	-	-	132.8	140.8	142.5	-	-
Commercial equipment ⁴	4234	95.5	95.7	95.9	-	-	135.3	135.6	135.0	-	-
Office equipment ⁴	42342	71.5	68.8	67.8	-	-	103.1	99.7	98.3	-	-
Computer and software ⁴	42343	78.8	81.0	81.2	-	-	108.2	109.2	108.1	-	-
Medical equipment ⁴	42345	135.8	133.0	133.6	-	-	208.7	206.0	206.0	-	-
Miscellaneous professional and commercial equipment ⁴	42341,4,6,9	110.1	113.0	114.9	-	-	169.0	178.8	179.0	-	-
Metals and minerals ⁴	4235	101.6	105.3	105.0	-	-	137.4	149.5	148.9	-	-
Electric goods ⁴	4236	95.9	94.8	94.6	-	-	132.7	133.7	134.3	-	-
Electrical equipment and wiring ⁴	42361	108.6	105.3	104.8	-	-	149.0	141.6	141.9	-	-
Electric appliances and other electronic parts ⁴	42362,9	85.4	85.3	86.3	-	-	120.0	127.1	128.9	-	-
Hardware and plumbing ⁴	4237	114.0	116.0	119.4	-	-	169.7	177.4	183.5	-	-
Hardware ⁴	42371	108.7	112.3	116.6	-	-	162.8	179.1	181.5	-	-
Plumbing equipment ⁴	42372	120.6	121.7	125.6	-	-	188.6	199.8	208.4	-	-
HVAC and refrigeration equipment ⁴	42373,4	110.6	112.4	113.8	-	-	154.7	153.3	157.2	-	-
Machinery and supplies ⁴	4238	104.8	108.7	108.7	-	-	150.5	160.6	161.1	-	-
Construction equipment ⁴	42381	114.5	118.8	119.9	-	-	162.0	174.1	176.3	-	-
Farm and garden equipment ⁴	42382	102.4	108.3	108.2	-	-	168.5	179.7	180.0	-	-
Industrial machinery ⁴	42383	99.3	102.0	102.3	-	-	141.8	147.4	147.9	-	-
Industrial supplies ⁴	42384	130.2	132.5	131.0	-	-	189.9	206.5	204.2	-	-
Miscellaneous durable goods ⁴	4239	116.2	123.3	122.5	-	-	166.8	182.4	180.3	-	-
Sporting goods ⁴	42391	111.9	117.5	116.2	-	-	163.0	175.4	175.5	-	-
Recyclable materials ⁴	42393	119.6	127.7	128.1	-	-	162.2	182.5	182.5	-	-
Nondurable goods ⁴	424	105.1	104.2	105.3	-	-	149.5	151.7	154.8	-	-
Paper and paper products ⁴	4241	83.3	84.2	84.0	-	-	118.3	125.0	127.4	-	-
Druggists' goods ⁴	4242	89.4	91.3	92.7	-	-	132.9	139.2	142.0	-	-
Apparel and piece goods ⁴	4243	101.0	94.9	95.6	-	-	140.0	136.4	137.7	-	-
Grocery and related products ⁴	4244	114.5	113.0	114.1	-	-	158.6	157.3	159.9	-	-
General line grocery ⁴	42441	110.4	109.2	110.6	-	-	152.6	143.5	146.9	-	-
Fruits and vegetables ⁴	42448	147.3	145.6	147.4	-	-	199.0	211.0	214.1	-	-
Farm product raw materials ⁴	4245	105.0	101.5	106.3	-	-	163.5	164.7	173.9	-	-
Chemicals ⁴	4246	103.3	108.8	111.1	-	-	147.6	158.4	160.6	-	-
Petroleum ⁴	4247	102.2	101.3	99.4	-	-	164.2	150.0	149.8	-	-
Alcoholic beverages ⁴	4248	148.6	151.6	150.4	-	-	199.2	213.9	216.2	-	-
Misc. nondurable goods ⁴	4249	90.8	87.2	90.6	-	-	132.0	133.4	140.1	-	-
Farm supplies ⁴	42491	106.1	105.3	113.0	-	-	155.5	163.5	178.8	-	-
Nursery stock and florists' supplies ⁴	42493	79.9	72.6	74.6	-	-	117.0	105.7	109.6	-	-
Electronic markets and agents and brokers ⁴	425	150.2	152.5	152.1	-	-	238.9	230.6	234.2	-	-
Retail trade.....		103.1	104.4	105.0	105.1	0.1	135.1	141.4	143.2	143.0	-0.1
Motor vehicle and parts dealers ⁴	441	113.4	113.4	113.8	-	-	137.0	143.6	145.0	-	-
Automobile dealers ⁴	4411	113.5	113.4	114.1	-	-	131.1	138.3	140.0	-	-
New car dealers ⁴	44111	107.8	107.2	108.3	-	-	124.2	130.9	133.0	-	-
Used car dealers ⁴	44112	182.8	188.9	185.3	-	-	246.3	269.0	259.9	-	-
Other motor vehicle dealers ⁴	4412	114.6	111.3	110.5	-	-	161.7	159.3	159.3	-	-
Auto parts, accessories, and tire stores ⁴	4413	112.9	113.9	114.1	-	-	151.9	159.0	160.1	-	-
Automotive parts and accessories stores ⁴	44131	110.2	109.8	109.9	-	-	153.8	161.9	162.5	-	-
Tire dealers ⁴	44132	118.9	121.1	122.4	-	-	148.5	152.5	155.4	-	-
Furniture and home furnishings stores ⁴	442	89.2	90.0	90.6	-	-	123.0	127.6	128.8	-	-
Furniture stores ⁴	4421	88.2	89.6	90.5	-	-	118.8	123.6	124.2	-	-
Home furnishings stores ⁴	4422	90.2	90.2	90.8	-	-	127.9	133.3	135.2	-	-
Floor covering stores ⁴	44221	74.9	77.4	77.4	-	-	109.5	114.7	118.5	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Other home furnishings stores ⁴	44229	103.1	100.4	102.1	-	-	149.7	154.7	155.5	-	-
Electronics and appliance stores ⁴	443	99.5	100.3	99.7	-	-	144.4	151.2	149.1	-	-
Household appliance stores ⁴	443141	63.5	64.8	65.5	-	-	83.8	89.7	94.1	-	-
Electronics stores ⁴	443142	106.2	106.9	106.5	-	-	153.8	159.6	158.8	-	-
Building material and garden supply stores ⁴	444	99.2	104.1	104.4	-	-	131.5	140.2	141.6	-	-
Building material and supplies dealers ⁴	4441	98.0	102.5	103.3	-	-	129.3	137.7	139.2	-	-
Home centers ⁴	44411	112.1	115.3	117.3	-	-	144.0	153.7	156.6	-	-
Hardware stores ⁴	44413	89.2	90.0	91.0	-	-	122.1	124.8	126.9	-	-
Lawn and garden equipment and supplies stores ⁴	4442	107.9	112.6	113.8	-	-	149.1	159.9	165.3	-	-
Food and beverage stores ⁴	445	93.4	93.7	95.1	-	-	114.7	117.6	120.0	-	-
Grocery stores ⁴	4451	94.8	95.4	96.0	-	-	117.2	120.2	121.6	-	-
Supermarkets and other grocery stores ⁴	44511	93.9	94.4	95.1	-	-	116.0	119.1	120.6	-	-
Convenience stores ⁴	44512	114.3	113.4	113.0	-	-	148.7	147.8	147.8	-	-
Specialty food stores ⁴	4452	74.5	80.2	80.4	-	-	87.7	97.4	99.8	-	-
Meat markets and fish and seafood markets ⁴	44521,2	99.2	101.1	100.3	-	-	126.7	124.9	126.5	-	-
Beer, wine, and liquor stores ⁴	4453	100.1	104.8	104.4	-	-	115.1	126.0	126.7	-	-
Health and personal care stores ⁴	446	105.6	106.0	104.9	-	-	151.8	159.6	158.8	-	-
Pharmacies and drug stores ⁴	44611	97.8	95.9	95.4	-	-	149.1	154.3	153.8	-	-
Cosmetic and beauty supply stores ⁴	44612	152.2	158.3	148.1	-	-	188.8	201.1	190.2	-	-
Optical goods stores ⁴	44613	129.7	139.6	138.9	-	-	175.4	195.0	192.2	-	-
Other health and personal care stores ⁴	44619	99.7	103.3	104.4	-	-	126.3	142.0	144.7	-	-
Gasoline stations ⁴	447	102.3	104.5	104.4	-	-	137.2	142.3	142.3	-	-
Gasoline stations with convenience stores ⁴	44711	107.1	109.1	109.3	-	-	144.9	149.9	150.1	-	-
Other gasoline stations ⁴	44719	78.0	78.7	79.4	-	-	104.1	106.3	108.5	-	-
Clothing and clothing accessories stores ⁴	448	92.0	89.2	90.4	-	-	123.7	126.5	129.4	-	-
Clothing stores ⁴	4481	92.0	89.0	90.7	-	-	119.6	121.8	124.8	-	-
Women's clothing stores ⁴	44812	111.0	102.2	101.3	-	-	138.2	126.0	126.7	-	-
Family clothing stores ⁴	44814	83.0	82.1	84.1	-	-	102.8	109.9	113.8	-	-
Clothing accessories stores ⁴	44815	128.4	119.4	108.0	-	-	183.4	180.0	167.6	-	-
Shoe stores ⁴	4482	109.3	108.4	109.2	-	-	178.2	179.1	183.9	-	-
Jewelry, luggage, and leather goods stores ⁴	4483	77.3	73.9	74.1	-	-	105.8	111.2	114.5	-	-
Sporting goods, hobby, book, and music stores ⁴	451	101.2	101.9	102.6	-	-	148.3	152.0	154.3	-	-
Sporting goods and musical instrument stores ⁴	4511	119.1	121.2	122.4	-	-	171.5	176.0	178.2	-	-
Sporting goods stores ⁴	45111	143.4	144.2	146.0	-	-	198.7	200.8	204.8	-	-
Book stores and news dealers ⁴	4512	46.9	42.9	42.5	-	-	71.6	69.9	67.3	-	-
General merchandise stores ⁴	452	117.2	120.7	122.3	-	-	152.5	165.8	170.2	-	-
Miscellaneous store retailers ⁴	453	83.1	83.7	84.2	-	-	106.5	108.5	109.2	-	-
Florists ⁴	4531	48.0	46.2	47.8	-	-	63.6	65.7	66.9	-	-
Office supplies, stationery, and gift stores ⁴	4532	51.3	49.9	50.2	-	-	64.8	63.4	64.3	-	-
Office supplies and stationery stores ⁴	45321	48.9	45.8	46.3	-	-	59.4	54.2	54.9	-	-
Gift, novelty, and souvenir stores ⁴	45322	53.2	53.7	54.0	-	-	72.0	77.2	78.3	-	-
Used merchandise stores ⁴	4533	174.5	173.5	174.6	-	-	258.0	257.9	257.3	-	-
Other miscellaneous store retailers ⁴	4539	112.1	116.1	116.8	-	-	141.0	148.5	148.7	-	-
Pet and pet supplies stores ⁴	45391	172.3	180.4	182.5	-	-	229.1	248.9	252.7	-	-
Nonstore retailers ⁴	454	126.2	128.1	127.9	-	-	184.2	179.8	178.8	-	-
Electronic shopping and mail-order houses ⁴	4541	165.8	166.6	166.3	-	-	233.7	219.5	217.6	-	-
Transportation and warehousing.....		129.9	133.0	133.1	133.9	0.6	175.7	183.9	183.9	184.9	0.5
Air transportation ⁴	481	74.3	74.2	74.4	-	-	157.1	162.2	161.6	-	-
Truck transportation ⁴	484	117.8	119.0	119.2	-	-	160.8	165.3	165.9	-	-
General freight trucking ⁴	4841	114.2	114.7	114.9	-	-	153.2	155.0	155.4	-	-
General freight trucking, local ⁴	48411	111.0	116.4	114.6	-	-	151.6	162.4	160.7	-	-
General freight trucking, long-distance ⁴	48412	115.2	113.9	115.7	-	-	154.5	152.4	154.6	-	-
General freight trucking, long-distance TL ⁴	484121	110.4	109.6	110.8	-	-	151.2	147.1	148.9	-	-
General freight trucking, long-distance LTL ⁴	484122	126.5	124.5	125.8	-	-	161.5	164.3	164.8	-	-
Specialized freight trucking ⁴	4842	127.8	129.9	129.6	-	-	183.1	194.1	195.1	-	-
Used household and office goods moving ⁴	48421	85.3	93.7	91.0	-	-	110.4	135.3	132.0	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Other specialized trucking, local ⁴	48422	137.5	139.2	139.2	-	-	201.1	215.2	217.7	-	-
Other specialized trucking, long-distance ⁴	48423	146.7	146.8	147.5	-	-	203.2	204.3	205.1	-	-
Transit and ground passenger transportation ⁴	485	138.2	141.1	139.0	-	-	186.6	195.7	193.6	-	-
School and employee bus transportation ⁴	4854	140.2	147.8	138.7	-	-	191.5	211.5	199.4	-	-
Other ground passenger transportation ⁴	4859	194.2	199.9	200.9	-	-	244.3	256.8	259.0	-	-
Pipeline transportation ⁴	486	132.0	126.3	128.8	-	-	243.1	239.7	243.1	-	-
Support activities for transportation ⁴	488	131.8	136.9	137.7	-	-	168.4	179.7	180.6	-	-
Support activities for air transportation ⁴	4881	145.7	150.1	151.4	-	-	167.1	173.5	176.8	-	-
Airport operations ⁴	48811	146.5	150.4	150.9	-	-	142.4	145.9	147.4	-	-
Support activities for water transportation ⁴	4883	85.1	94.0	91.3	-	-	130.0	153.0	147.6	-	-
Support activities for road transportation ⁴	4884	149.7	159.6	158.9	-	-	164.1	176.1	175.5	-	-
Freight transportation arrangement ⁴	4885	138.0	140.3	140.9	-	-	197.7	201.9	203.1	-	-
Support activities for other transportation, including rail ⁴	4882,9	134.4	140.2	138.0	-	-	202.6	214.0	209.9	-	-
Couriers and messengers ⁴	492	166.8	177.7	179.0	-	-	205.8	229.2	228.7	-	-
Warehousing and storage ⁴	493	208.0	215.7	218.0	-	-	237.2	257.1	260.2	-	-
General warehousing and storage ⁴	49311	221.9	230.6	233.3	-	-	252.8	275.3	278.8	-	-
Utilities.....	22	97.2	98.1	97.2	97.1	-0.1	147.7	149.2	147.9	147.9	0.0
Power generation and supply ⁴	2211	96.3	97.3	96.4	-	-	151.3	152.4	151.0	-	-
Electric power generation ⁴	22111	61.0	62.3	60.7	-	-	96.5	96.4	93.9	-	-
Fossil fuel electric power generation ⁴	221112	67.5	67.8	67.6	-	-	112.9	113.2	112.1	-	-
Electric power transmission and distribution ⁴	22112	154.1	152.8	153.0	-	-	251.5	252.2	252.8	-	-
Natural gas distribution ⁴	2212	93.4	93.6	91.2	-	-	134.0	137.5	134.9	-	-
Water, sewage and other systems ⁴	2213	118.2	117.7	118.0	-	-	152.3	151.5	148.5	-	-
Information.....	51	92.3	91.4	90.6	90.6	0.0	141.0	141.5	141.5	142.6	0.8
Publishing industries, except Internet ⁴	511	99.7	99.2	98.8	-	-	157.2	157.0	158.3	-	-
Newspaper, book, and directory publishers ⁴	5111	74.4	71.2	71.4	-	-	111.6	106.3	108.1	-	-
Newspaper publishers ⁴	51111	67.2	61.8	61.8	-	-	89.6	79.2	79.7	-	-
Periodical publishers ⁴	51112	90.9	89.4	90.4	-	-	148.5	147.5	150.8	-	-
Software publishers ⁴	5112	141.5	146.7	144.2	-	-	194.7	201.1	200.5	-	-
Motion picture and sound recording industries ⁴	512	92.6	90.6	90.6	-	-	110.1	106.1	106.5	-	-
Broadcasting, except Internet ⁴	515	82.8	82.1	81.4	-	-	124.2	129.9	129.9	-	-
Radio broadcasting ⁴	51511	86.1	85.1	83.8	-	-	133.0	149.2	143.2	-	-
Telecommunications ⁴	517	72.0	69.6	68.4	-	-	105.2	107.3	106.0	-	-
Wired and wireless telecommunications carriers ⁴	5173	78.5	75.5	74.2	-	-	115.1	116.4	115.3	-	-
Data processing, hosting and related services ⁴	518	115.7	116.7	116.8	-	-	211.7	199.4	202.4	-	-
Other information services ⁴	519	247.9	253.8	253.5	-	-	387.6	411.5	402.0	-	-
Financial activities.....		114.5	115.4	115.3	115.5	0.2	187.1	190.9	190.8	191.1	0.2
Credit intermediation and related activities ⁴	522	108.0	108.3	108.5	-	-	175.0	179.3	180.0	-	-
Depository credit intermediation ⁴	5221	105.7	106.2	106.4	-	-	174.7	182.3	182.6	-	-
Commercial banking ⁴	52211	112.0	112.1	112.6	-	-	189.6	196.9	197.3	-	-
Savings institutions ⁴	52212	50.0	49.5	49.5	-	-	75.6	77.6	79.3	-	-
Credit unions and other depository credit intermediation ⁴	52213,9	129.5	131.5	131.5	-	-	204.3	217.0	217.7	-	-
Nondepository credit intermediation ⁴	5222	101.4	102.2	102.2	-	-	154.2	160.9	161.4	-	-
Consumer lending ⁴	522291	109.2	109.0	108.4	-	-	140.9	145.7	146.6	-	-
Real estate credit ⁴	522292	98.2	98.4	98.7	-	-	135.7	144.9	146.5	-	-
Activities related to credit intermediation ⁴	5223	145.7	142.3	141.7	-	-	247.7	225.5	221.5	-	-
Securities, commodity contracts, investments, and funds and trusts ⁴	523,5	130.3	129.3	128.5	-	-	235.6	234.9	232.3	-	-
Securities brokerage ⁴	52312	108.1	103.6	103.5	-	-	186.4	181.9	183.0	-	-
Securities and commodity contracts brokerage and exchanges ⁴	5231,2	104.0	100.5	98.8	-	-	198.4	184.7	180.6	-	-
Other financial investment activities, including funds and trusts ⁴	5239; 525	176.1	179.0	177.8	-	-	299.5	320.7	315.8	-	-
Portfolio management ⁴	52392	168.7	173.6	172.6	-	-	292.4	329.3	327.1	-	-
Investment advice ⁴	52393	224.3	230.1	230.2	-	-	365.1	395.1	384.4	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Insurance carriers and related activities ⁴	524	119.0	118.1	118.1	-	-	181.5	183.9	184.3	-	-
Insurance carriers ⁴	5241	106.3	104.8	105.0	-	-	164.9	164.3	164.4	-	-
Direct life and health insurance carriers ⁴	52411	111.5	112.5	113.2	-	-	179.7	184.2	184.8	-	-
Direct insurers, except life and health ⁴	52412	101.5	97.0	96.7	-	-	148.7	142.9	142.6	-	-
Reinsurance carriers ⁴	52413	93.4	92.0	92.6	-	-	227.2	214.3	215.7	-	-
Insurance agencies, brokerages, and related services ⁴ ..	5242	143.7	144.5	144.2	-	-	216.9	227.6	227.5	-	-
Insurance agencies and brokerages ⁴	52421	141.5	142.6	141.5	-	-	209.7	223.0	222.4	-	-
Other insurance-related activities ⁴	52429	149.9	149.4	149.7	-	-	234.3	237.1	240.0	-	-
Third-party administration of insurance funds ⁴	524292	142.7	143.9	145.2	-	-	226.7	234.8	238.4	-	-
Real estate ⁴	531	120.4	124.9	125.1	-	-	198.8	208.1	209.1	-	-
Lessors of real estate ⁴	5311	95.3	97.3	97.6	-	-	153.7	161.4	164.6	-	-
Lessors of residential buildings ⁴	53111	91.8	91.9	91.7	-	-	143.1	146.8	147.4	-	-
Lessors of nonresidential buildings ⁴	53112	89.1	95.0	95.5	-	-	169.2	179.1	189.1	-	-
Offices of real estate agents and brokers ⁴	5312	109.8	114.7	115.4	-	-	195.8	204.6	208.5	-	-
Activities related to real estate ⁴	5313	162.8	171.3	170.7	-	-	254.5	268.6	265.6	-	-
Real estate property managers ⁴	53131	164.2	172.3	173.3	-	-	256.3	268.5	268.5	-	-
Residential property managers ⁴	531311	173.2	183.8	185.3	-	-	264.9	285.5	287.7	-	-
Nonresidential property managers ⁴	531312	143.0	145.9	146.2	-	-	240.5	234.6	233.9	-	-
Rental and leasing services ⁴	532	93.8	101.1	101.2	-	-	151.3	164.8	166.6	-	-
Home health equipment rental ⁴	532283	123.9	116.1	118.2	-	-	128.4	127.2	129.5	-	-
General rental centers ⁴	5323	60.0	61.1	60.3	-	-	61.7	62.5	64.9	-	-
Machinery and equipment rental and leasing ⁴	5324	144.6	173.1	176.6	-	-	242.1	291.1	304.8	-	-
Heavy machinery rental and leasing ⁴	53241	132.2	161.9	174.5	-	-	252.8	311.4	339.6	-	-
Office equipment and other machinery rental and leasing ⁴	53242,9	161.7	188.5	180.3	-	-	225.5	262.5	260.1	-	-
Professional and business services.....		133.1	134.5	134.8	135.6	0.6	205.4	212.4	213.6	215.2	0.7
Professional and technical services ⁴	54	143.9	144.9	145.5	-	-	224.4	232.3	233.5	-	-
Legal services ⁴	5411	103.1	103.2	103.1	-	-	155.6	162.4	162.1	-	-
Offices of lawyers ⁴	54111	101.2	101.1	101.2	-	-	153.8	159.7	160.0	-	-
Other legal services ⁴	54119	129.5	129.6	130.8	-	-	198.0	213.3	213.6	-	-
Title abstract and settlement offices ⁴	541191	112.5	114.8	116.1	-	-	155.8	166.4	167.7	-	-
Accounting and bookkeeping services ⁴	5412	119.6	117.7	119.9	-	-	188.2	190.3	194.0	-	-
Offices of certified public accountants ⁴	541211	129.2	130.4	131.3	-	-	190.7	195.2	196.0	-	-
Payroll services ⁴	541214	132.7	132.9	135.7	-	-	214.4	223.7	230.3	-	-
Architectural and engineering services ⁴	5413	116.5	116.8	116.7	-	-	180.7	186.1	186.7	-	-
Architectural services ⁴	54131	108.0	108.0	108.5	-	-	160.2	167.3	168.5	-	-
Landscape architectural services ⁴	54132	75.5	79.4	77.6	-	-	124.0	133.7	132.1	-	-
Engineering and drafting services ⁴	54133,4	123.1	121.9	122.2	-	-	191.7	194.6	195.8	-	-
Building inspection, surveying, and mapping services ⁴ ..	54135,6,7	98.0	98.2	98.6	-	-	157.3	160.3	160.1	-	-
Testing laboratories ⁴	54138	118.3	118.8	117.7	-	-	166.6	176.2	175.5	-	-
Specialized design services ⁴	5414	119.7	115.5	117.1	-	-	205.0	202.2	206.1	-	-
Graphic design services ⁴	54143	99.4	93.5	93.4	-	-	174.0	172.8	173.6	-	-
Computer systems design and related services ⁴	5415	183.5	186.7	187.1	-	-	264.6	276.6	276.8	-	-
Custom computer programming services ⁴	541511	171.4	177.0	178.4	-	-	244.2	259.1	260.5	-	-
Computer systems design services ⁴	541512	229.4	229.3	228.8	-	-	315.3	324.4	321.3	-	-
Management and technical consulting services ⁴	5416	234.9	240.2	240.0	-	-	351.4	365.6	366.3	-	-
Management consulting services ⁴	54161	232.5	242.5	242.3	-	-	340.6	358.5	359.5	-	-
Administrative management consulting services ⁴	541611	262.1	276.3	278.6	-	-	417.1	440.6	445.0	-	-
Marketing consulting services ⁴	541613	391.6	416.1	405.8	-	-	552.1	599.8	586.8	-	-
Process and logistics consulting services ⁴	541614	216.1	222.7	221.7	-	-	279.2	273.5	273.2	-	-
Scientific research and development services ⁴	5417	133.4	141.1	140.5	-	-	224.3	239.5	239.6	-	-
Research and development in the physical, engineering, and life sciences ⁴	54171	140.6	147.8	147.5	-	-	237.2	251.5	252.4	-	-
Research and development in nanotechnology ⁴	541713	135.9	172.8	176.1	-	-	225.6	288.2	303.0	-	-
Research and development in biotechnology, except nanobiotechnology ⁴	541714	171.3	180.9	179.9	-	-	271.8	296.7	293.9	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology ⁴	541715	130.6	136.0	135.3	-	-	227.0	236.4	237.2	-	-
Social science and humanities research ⁴	54172	83.7	90.2	89.4	-	-	124.6	135.8	133.7	-	-
Advertising and related services ⁴	5418	128.5	126.5	126.4	-	-	209.8	210.1	208.4	-	-
Advertising agencies ⁴	54181	146.1	140.7	141.1	-	-	226.1	219.0	217.8	-	-
Public relations agencies ⁴	54182	134.9	135.8	136.9	-	-	218.8	227.3	231.3	-	-
Advertising material distribution and other advertising services ⁴	54187,9	150.6	145.6	147.8	-	-	236.5	237.6	242.1	-	-
Other professional and technical services ⁴	5419	166.5	170.9	171.4	-	-	278.5	296.5	299.2	-	-
Marketing research and public opinion polling ⁴	54191	86.6	86.0	84.5	-	-	142.1	147.2	145.0	-	-
Photographic services ⁴	54192	67.4	62.0	61.9	-	-	110.1	109.8	110.3	-	-
Veterinary services ⁴	54194	170.2	175.0	175.1	-	-	263.9	272.6	274.4	-	-
Miscellaneous professional and technical services ⁴	54193,9	428.0	453.9	462.0	-	-	753.3	846.6	866.7	-	-
Management of companies and enterprises ⁴	55	126.6	124.4	124.0	-	-	217.1	218.0	217.8	-	-
Offices of bank holding companies and of other holding companies ⁴	551111,2	98.0	105.6	107.6	-	-	161.2	180.2	183.7	-	-
Managing offices ⁴	551114	128.1	124.9	124.7	-	-	220.8	219.7	219.6	-	-
Administrative and waste services ⁴	56	125.8	128.1	128.6	-	-	175.8	183.8	185.1	-	-
Administrative and support services ⁴	561	125.5	127.9	128.4	-	-	176.0	184.2	185.5	-	-
Office administrative services ⁴	5611	195.7	195.2	194.7	-	-	336.2	346.4	345.0	-	-
Facilities support services ⁴	5612	155.8	151.2	151.7	-	-	177.5	171.4	174.0	-	-
Employment services ⁴	5613	117.5	121.3	120.9	-	-	157.5	166.4	165.9	-	-
Employment placement agencies and executive search services ⁴	56131	105.1	112.6	111.4	-	-	178.1	175.7	173.7	-	-
Temporary help services ⁴	56132	142.4	146.1	145.7	-	-	188.9	199.9	199.8	-	-
Professional employer organizations ⁴	56133	48.6	50.4	50.0	-	-	63.8	67.5	67.7	-	-
Business support services ⁴	5614	128.5	130.5	130.6	-	-	187.1	193.1	194.1	-	-
Telephone call centers ⁴	56142	165.3	167.8	167.1	-	-	250.2	264.7	264.5	-	-
Business service centers ⁴	56143	90.6	88.4	89.5	-	-	128.1	122.0	122.2	-	-
Collection agencies ⁴	56144	87.4	87.5	88.8	-	-	125.6	126.0	129.3	-	-
Travel arrangement and reservation services ⁴	5615	90.1	89.3	91.0	-	-	146.0	150.0	153.7	-	-
Travel agencies ⁴	56151	74.1	72.0	74.5	-	-	96.2	99.2	104.3	-	-
Investigation and security services ⁴	5616	127.9	129.4	129.8	-	-	188.6	198.5	199.8	-	-
Security and armored car services ⁴	56161	125.6	125.9	125.9	-	-	182.9	189.6	189.9	-	-
Security systems services ⁴	56162	143.4	154.1	153.7	-	-	215.4	239.2	240.8	-	-
Services to buildings and dwellings ⁴	5617	135.5	135.3	137.6	-	-	189.6	195.8	200.7	-	-
Exterminating and pest control services ⁴	56171	162.6	165.0	165.8	-	-	243.0	248.6	252.9	-	-
Janitorial services ⁴	56172	125.8	128.4	128.7	-	-	171.3	178.7	180.3	-	-
Landscaping services ⁴	56173	145.7	143.4	146.3	-	-	205.4	212.4	217.3	-	-
Carpet and upholstery cleaning services ⁴	56174	92.4	98.0	97.9	-	-	124.1	137.7	139.3	-	-
Other services to buildings and dwellings ⁴	56179	134.5	132.2	138.9	-	-	171.2	173.2	181.6	-	-
Other support services ⁴	5619	110.4	115.9	116.0	-	-	145.4	156.2	158.5	-	-
Packaging and labeling services ⁴	56191	130.2	122.6	124.9	-	-	201.8	190.4	193.3	-	-
Convention and trade show organizers ⁴	56192	98.0	111.3	111.2	-	-	117.5	124.2	123.9	-	-
All other support services ⁴	56199	107.2	113.6	113.8	-	-	146.1	163.0	167.9	-	-
Waste management and remediation services ⁴	562	126.2	132.5	133.7	-	-	166.6	179.3	181.9	-	-
Waste collection ⁴	5621	162.2	173.2	173.4	-	-	217.9	234.4	236.1	-	-
Waste treatment and disposal ⁴	5622	87.7	85.0	87.5	-	-	135.5	134.1	136.3	-	-
Remediation and other waste services ⁴	5629	132.2	140.1	142.8	-	-	157.9	175.6	180.9	-	-
Education and health services.....		139.7	142.3	142.5	142.9	0.3	212.2	220.4	221.4	222.6	0.5
Health care and social assistance ⁴	62	141.3	144.0	144.6	-	-	216.3	225.3	227.2	-	-
Health care ^{6, 4}	621,2,3	137.2	140.3	140.6	-	-	215.3	224.9	226.2	-	-
Ambulatory health care services ⁴	621	159.3	164.3	164.2	-	-	248.5	261.3	261.8	-	-
Offices of physicians ⁴	6211	137.3	141.3	141.1	-	-	245.8	258.0	259.2	-	-
Offices of physicians, except mental health ⁴	621111	137.6	141.5	141.3	-	-	247.0	259.2	260.6	-	-
Offices of mental health physicians ⁴	621112	117.5	131.1	131.9	-	-	168.8	192.0	189.8	-	-
Offices of dentists ⁴	6212	124.7	127.2	126.5	-	-	177.6	183.8	183.3	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Offices of other health practitioners ⁴	6213	176.3	183.6	185.9	-	-	256.6	273.5	275.4	-	-
Offices of chiropractors ⁴	62131	133.7	139.8	141.6	-	-	192.7	204.0	201.1	-	-
Offices of optometrists ⁴	62132	152.1	157.5	159.9	-	-	226.1	243.7	247.7	-	-
Offices of mental health practitioners ⁴	62133	138.7	143.6	144.4	-	-	166.8	175.0	177.5	-	-
Offices of specialty therapists ⁴	62134	198.6	203.3	205.7	-	-	291.5	308.8	312.4	-	-
Offices of all other health practitioners ⁴	62139	238.0	259.8	262.3	-	-	336.0	356.9	357.2	-	-
Outpatient care centers ⁴	6214	210.4	222.5	223.8	-	-	323.7	351.9	353.8	-	-
Outpatient mental health centers ⁴	62142	170.7	177.6	178.4	-	-	227.1	244.0	245.1	-	-
Outpatient care centers, except mental health ⁴	62141,9	228.3	243.7	244.2	-	-	361.0	394.8	395.7	-	-
Freestanding emergency medical centers ⁴	621493	244.8	269.0	268.2	-	-	376.2	412.4	413.2	-	-
Miscellaneous outpatient care centers ⁴	621410,98	225.7	242.9	243.0	-	-	353.2	399.4	396.2	-	-
Medical and diagnostic laboratories ⁴	6215	158.6	161.8	162.8	-	-	227.9	238.4	239.3	-	-
Medical laboratories ⁴	621511	160.9	163.9	164.8	-	-	234.1	242.1	244.5	-	-
Diagnostic imaging centers ⁴	621512	153.3	154.7	158.7	-	-	214.2	226.1	231.4	-	-
Home health care services ⁴	6216	209.6	215.5	214.9	-	-	283.0	289.6	289.9	-	-
Other ambulatory health care services ⁴	6219	163.1	161.5	160.8	-	-	257.5	266.5	263.5	-	-
Ambulance services ⁴	62191	163.0	161.5	160.0	-	-	240.9	256.1	253.3	-	-
All other ambulatory health care services ⁴	62199	162.5	161.5	160.8	-	-	277.7	277.1	274.8	-	-
Hospitals ⁴	622	127.3	130.4	130.5	-	-	207.5	216.5	218.1	-	-
General medical and surgical hospitals ⁴	6221	125.0	127.8	128.0	-	-	204.8	213.0	214.5	-	-
Nursing and residential care facilities ⁴	623	118.9	120.0	120.0	-	-	162.8	168.5	169.2	-	-
Nursing care facilities ⁴	6231	101.6	103.0	102.6	-	-	141.8	145.0	145.4	-	-
Residential mental health facilities ⁴	6232	131.1	131.9	133.0	-	-	180.8	191.3	192.8	-	-
Residential intellectual and developmental disability facilities ⁴	62321	122.0	122.5	123.1	-	-	161.8	171.1	171.5	-	-
Residential mental health and substance abuse facilities ⁴	62322	151.8	153.9	155.8	-	-	218.4	232.9	235.9	-	-
Community care facilities for the elderly ⁴	6233	166.8	167.3	167.4	-	-	229.9	240.8	241.3	-	-
Continuing care retirement communities ⁴	623311	203.1	204.9	205.3	-	-	282.2	297.4	298.7	-	-
Assisted living facilities for the elderly ⁴	623312	136.3	136.1	137.2	-	-	181.5	188.7	190.3	-	-
Other residential care facilities ⁴	6239	95.7	98.7	99.6	-	-	127.6	134.0	137.3	-	-
Social assistance ⁴	624	166.5	168.3	168.4	-	-	229.0	236.6	237.2	-	-
Individual and family services ⁴	6241	224.3	226.7	228.0	-	-	298.7	309.5	311.7	-	-
Child and youth services ⁴	62411	131.6	133.0	134.8	-	-	187.2	195.1	195.8	-	-
Services for the elderly and persons with disabilities ⁴	62412	286.8	291.1	291.2	-	-	391.8	408.0	409.7	-	-
Other individual and family services ⁴	62419	144.3	143.8	144.3	-	-	208.1	212.7	212.5	-	-
Emergency and other relief services ⁴	6242	137.5	141.3	142.1	-	-	204.8	214.1	215.0	-	-
Vocational rehabilitation services ⁴	6243	94.3	96.6	95.9	-	-	129.2	132.7	133.2	-	-
Child day care services ⁴	6244	129.2	129.6	128.7	-	-	177.9	182.1	181.8	-	-
Leisure and hospitality.....		129.0	130.5	130.7	131.3	0.5	196.0	203.6	204.7	206.1	0.7
Arts, entertainment, and recreation ⁴	71	117.2	114.1	115.0	-	-	170.4	168.0	168.7	-	-
Performing arts and spectator sports ⁴	711	127.7	125.5	125.3	-	-	205.6	205.2	205.6	-	-
Performing arts companies ⁴	7111	110.1	118.3	118.6	-	-	214.4	228.2	232.5	-	-
Spectator sports ⁴	7112	110.2	110.0	107.6	-	-	169.2	166.5	160.9	-	-
Arts and sports promoters and agents and managers for public figures ⁴	7113,4	186.5	178.7	174.3	-	-	260.9	269.4	264.2	-	-
Independent artists, writers, and performers ⁴	7115	129.5	118.3	110.4	-	-	223.7	199.1	187.4	-	-
Museums, historical sites, and similar institutions ⁴	712	134.6	135.4	135.4	-	-	189.8	187.4	188.5	-	-
Museums ⁴	71211	119.9	120.0	120.1	-	-	167.7	161.4	163.0	-	-
Historical sites and other similar institutions ⁴	71212,3,9	158.0	161.0	160.7	-	-	235.0	241.8	242.3	-	-
Amusements, gambling, and recreation ⁴	713	113.2	108.9	110.1	-	-	154.6	150.0	151.4	-	-
Gambling industries ⁴	7132	91.5	88.3	89.4	-	-	147.5	148.2	149.1	-	-
Golf courses and country clubs ⁴	71391	122.0	113.5	118.5	-	-	171.5	166.1	171.6	-	-
Skiing facilities ⁴	71392	158.1	152.3	167.1	-	-	254.4	257.0	278.7	-	-
Marinas ⁴	71393	126.3	126.3	129.4	-	-	185.0	182.4	184.7	-	-
Fitness and recreational sports centers ⁴	71394	104.9	111.8	112.1	-	-	132.2	136.1	135.2	-	-

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				
		June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P	June 2017	Apr. 2018	May 2018 ^P	June 2018 ^P	Percent change from: May2018 - June2018 ^P
Bowling centers ⁴	71395	77.2	76.3	76.8	-	-	101.9	101.1	100.8	-	-
Accommodation and food services ⁴	72	130.9	133.3	133.5	-	-	202.0	212.3	213.3	-	-
Accommodation ⁴	721	112.8	113.4	114.1	-	-	162.1	167.8	167.8	-	-
Traveler accommodation ⁴	7211	111.2	112.2	112.3	-	-	160.6	166.4	165.7	-	-
Hotels and motels, except casino hotels ⁴	72111	115.3	115.5	115.3	-	-	168.4	173.8	172.8	-	-
RV parks and recreational camps ⁴	7212	168.3	178.3	184.1	-	-	216.6	247.8	257.9	-	-
Food services and drinking places ⁴	722	135.8	137.9	138.1	-	-	215.5	225.7	227.3	-	-
Special food services ⁴	7223	136.1	144.2	143.8	-	-	198.7	214.5	214.6	-	-
Food service contractors ⁴	72231	138.2	146.6	146.8	-	-	193.0	209.4	211.6	-	-
Caterers and mobile food services ⁴	72232,3	126.5	133.4	128.5	-	-	214.1	228.7	217.2	-	-
Drinking places, alcoholic beverages ⁴	7224	100.4	103.9	103.5	-	-	193.1	205.8	207.4	-	-
Restaurants and other eating places ⁴	7225	137.2	139.1	139.5	-	-	217.3	227.8	229.6	-	-
Full-service restaurants ⁴	722511	132.0	133.4	133.9	-	-	220.3	230.0	232.1	-	-
Limited-service restaurants ⁴	722513	140.7	143.5	143.8	-	-	209.6	221.1	223.0	-	-
Cafeterias, grill buffets, and buffets ⁴	722514	80.6	75.8	75.9	-	-	109.3	104.3	105.7	-	-
Snack and nonalcoholic beverage bars ⁴	722515	208.6	206.5	208.7	-	-	311.4	319.5	324.0	-	-
Other services.....	81	103.3	104.5	104.4	104.6	0.2	150.6	156.3	156.2	156.6	0.3
Repair and maintenance ⁴	811	109.0	108.4	108.8	-	-	151.9	159.0	160.2	-	-
Automotive repair and maintenance ⁴	8111	106.3	104.1	104.5	-	-	148.6	152.9	153.6	-	-
Automotive mechanical and electrical repair ⁴	81111	99.3	100.5	99.9	-	-	138.6	141.7	140.8	-	-
General automotive repair ⁴	811111	111.8	114.2	114.2	-	-	154.8	158.4	158.2	-	-
Automotive body, interior, and glass repair ⁴	811112	110.4	104.1	105.1	-	-	157.5	161.6	161.3	-	-
Other automotive repair and maintenance ⁴	81119	115.6	112.2	113.0	-	-	160.8	171.5	174.5	-	-
Car washes ⁴	811192	125.8	124.8	127.0	-	-	171.3	191.5	196.7	-	-
Auto oil change shops and all other auto repair and maintenance ⁴	811191,8	101.5	93.7	91.7	-	-	148.1	147.3	147.6	-	-
Electronic equipment repair and maintenance ⁴	8112	99.3	99.6	98.2	-	-	131.7	140.5	139.9	-	-
Computer and office machine repair ⁴	811212	84.2	95.9	93.6	-	-	102.0	120.9	123.6	-	-
Miscellaneous electronic equipment repair and maintenance ⁴	811211,3,9	112.1	102.3	101.0	-	-	154.3	153.4	151.1	-	-
Commercial machinery repair and maintenance ⁴	8113	139.1	145.9	147.0	-	-	195.6	216.6	219.8	-	-
Household goods repair and maintenance ⁴	8114	88.0	94.0	94.0	-	-	108.9	119.8	120.3	-	-
Personal and laundry services ⁴	812	106.9	109.0	109.1	-	-	152.6	157.2	157.3	-	-
Personal care services ⁴	8121	125.7	126.9	127.4	-	-	190.4	189.5	189.6	-	-
Hair, nail, and skin care services ⁴	81211	114.2	117.6	118.2	-	-	168.8	168.8	169.4	-	-
Other personal care services ⁴	81219	214.9	201.8	202.7	-	-	377.0	370.9	373.5	-	-
Death care services ⁴	8122	92.0	93.0	93.0	-	-	133.5	137.2	137.2	-	-
Drycleaning and laundry services ⁴	8123	80.1	78.1	78.0	-	-	105.2	106.9	106.6	-	-
Coin-operated laundries and drycleaners ⁴	81231	72.0	62.4	62.2	-	-	82.6	72.8	72.6	-	-
Drycleaning and laundry services, except coin-operated ⁴	81232	63.1	59.7	60.4	-	-	86.7	85.2	86.0	-	-
Linen and uniform supply ⁴	81233	103.9	105.6	104.9	-	-	128.7	135.4	134.8	-	-
Other personal services ⁴	8129	129.2	137.2	138.1	-	-	168.5	186.5	186.9	-	-
Pet care services, except veterinary ⁴	81291	360.8	366.8	379.6	-	-	390.8	425.3	441.0	-	-
Parking lots and garages ⁴	81293	128.4	135.5	132.1	-	-	195.2	200.9	190.3	-	-
Membership associations and organizations ⁴	813	99.0	100.5	100.1	-	-	149.2	154.6	154.1	-	-
Grantmaking and giving services ⁴	8132	149.7	146.7	148.3	-	-	266.8	276.1	279.8	-	-
Grantmaking foundations ⁴	813211	275.0	254.5	258.4	-	-	474.5	467.3	473.4	-	-
Social advocacy organizations ⁴	8133	123.1	127.6	127.9	-	-	208.6	231.5	230.0	-	-
Human rights organizations ⁴	813311	112.0	112.7	111.1	-	-	177.4	203.9	198.0	-	-
Environment, conservation, and other social advocacy organizations ⁴	813312,9	126.9	133.3	133.2	-	-	220.0	243.2	241.3	-	-
Civic and social organizations ⁴	8134	82.4	83.4	83.3	-	-	119.1	122.6	123.6	-	-
Professional and similar organizations ⁴	8139	98.5	105.2	104.8	-	-	149.2	165.3	164.6	-	-
Business associations ⁴	81391	98.7	97.3	98.0	-	-	158.1	158.9	160.0	-	-

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				
		June 2017	Apr. 2018	May 2018 ^p	June 2018 ^p	Percent change from: May2018 - June2018 ^p	June 2017	Apr. 2018	May 2018 ^p	June 2018 ^p	Percent change from: May2018 - June2018 ^p
Professional organizations ⁴	81392	136.5	148.9	151.4	—	—	212.5	233.6	233.3	—	—
Labor unions and similar labor organizations ⁴	81393	81.4	91.1	88.5	—	—	121.4	140.1	135.7	—	—
Miscellaneous professional and similar organizations ⁴ ...	81394,9	98.7	106.0	103.4	—	—	151.3	172.0	169.5	—	—

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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