

**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 adjusted<sup>1</sup>**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Total private.....		115.1	117.3	117.5	117.6	0.1	169.7	177.0	177.6	178.1	0.3
Goods-producing.....		90.9	94.2	94.3	94.8	0.5	129.0	137.5	137.8	138.7	0.7
Mining and logging.....		121.0	137.3	140.5	136.6	-2.8	192.8	223.1	229.3	222.5	-3.0
Logging <sup>4</sup> .....	1133	74.4	77.7	74.4	-	-	101.2	109.4	106.8	-	-
Mining <sup>4</sup> .....	21	127.3	145.5	149.2	-	-	203.1	236.2	243.0	-	-
Oil and gas extraction <sup>4</sup> .....	211	114.8	134.3	139.7	-	-	206.3	249.8	253.7	-	-
Mining, except oil and gas <sup>4</sup> .....	212	86.0	89.6	89.1	-	-	123.5	126.8	127.9	-	-
Coal mining <sup>4</sup> .....	2121	69.7	73.8	73.7	-	-	104.6	107.5	109.0	-	-
Stone mining and quarrying <sup>4</sup> .....	21231	87.8	89.7	89.2	-	-	124.4	132.1	130.8	-	-
Crushed and broken limestone mining <sup>4</sup> .....	212312	80.8	83.8	84.8	-	-	117.3	121.3	123.7	-	-
Other stone mining and quarrying <sup>4</sup> .....	212311,3,9	95.7	97.6	95.3	-	-	132.0	147.5	140.9	-	-
Support activities for mining <sup>4</sup> .....	213	180.9	213.7	222.4	-	-	312.4	379.0	395.6	-	-
Support activities for oil and gas operations <sup>4</sup> .....	213112	202.9	253.3	260.5	-	-	381.9	498.6	515.8	-	-
Construction.....	23	103.0	108.7	107.7	108.8	1.0	148.8	161.4	160.3	162.7	1.5
Construction of buildings <sup>4</sup> .....	236	93.2	95.1	95.3	-	-	137.8	145.8	146.9	-	-
Residential building <sup>4</sup> .....	2361	85.4	88.1	88.6	-	-	121.4	131.2	133.3	-	-
New single-family general contractors <sup>4</sup> .....	236115	64.8	65.7	65.7	-	-	93.1	99.9	100.0	-	-
Residential remodelers <sup>4</sup> .....	236118	122.1	133.6	135.8	-	-	163.6	187.2	193.6	-	-
Nonresidential building <sup>4</sup> .....	2362	100.2	101.4	101.2	-	-	150.4	157.1	157.3	-	-
Industrial building <sup>4</sup> .....	23621	91.4	95.6	93.3	-	-	141.2	151.9	150.4	-	-
Commercial building <sup>4</sup> .....	23622	103.6	103.5	104.0	-	-	154.0	158.9	159.2	-	-
Heavy and civil engineering construction <sup>4</sup> .....	237	109.0	114.2	112.9	-	-	174.2	185.1	183.6	-	-
Utility system construction <sup>4</sup> .....	2371	138.6	145.2	144.6	-	-	230.1	246.8	246.2	-	-
Water and sewer system construction <sup>4</sup> .....	23711	103.5	110.7	108.7	-	-	151.0	165.9	164.8	-	-
Oil and gas pipeline construction <sup>4</sup> .....	23712	202.1	202.6	198.5	-	-	398.4	385.6	372.6	-	-
Power and communication system construction <sup>4</sup> .....	23713	142.6	154.5	156.5	-	-	231.1	269.9	275.8	-	-
Highway, street, and bridge construction <sup>4</sup> .....	2373	95.2	99.8	97.7	-	-	136.1	145.9	143.6	-	-
Specialty trade contractors <sup>4</sup> .....	238	105.0	111.8	110.9	-	-	146.6	160.5	159.5	-	-
Building foundation and exterior contractors <sup>4</sup> .....	2381	97.2	102.6	101.8	-	-	132.9	144.3	143.6	-	-
Poured concrete structure contractors <sup>4</sup> .....	23811	122.5	131.7	131.1	-	-	182.2	199.3	197.1	-	-
Steel and precast concrete contractors <sup>4</sup> .....	23812	91.5	99.2	95.3	-	-	123.2	128.5	118.4	-	-
Framing contractors <sup>4</sup> .....	23813	67.6	64.6	65.8	-	-	82.6	85.7	87.5	-	-
Masonry contractors <sup>4</sup> .....	23814	66.3	70.1	70.2	-	-	89.0	98.0	97.5	-	-
Glass and glazing contractors <sup>4</sup> .....	23815	125.1	127.4	126.7	-	-	165.8	179.5	178.4	-	-
Roofing contractors <sup>4</sup> .....	23816	114.2	122.1	119.6	-	-	161.3	177.4	176.4	-	-
Siding contractors <sup>4</sup> .....	23817	113.1	124.7	119.9	-	-	179.6	213.6	214.1	-	-
Other building exterior contractors <sup>4</sup> .....	23819	123.6	131.4	136.0	-	-	161.4	170.1	186.0	-	-
Building equipment contractors <sup>4</sup> .....	2382	112.3	117.8	117.8	-	-	154.7	166.1	166.3	-	-
Electrical contractors <sup>4</sup> .....	23821	99.0	104.4	104.4	-	-	138.8	148.2	149.0	-	-
Plumbing and HVAC contractors <sup>4</sup> .....	23822	124.0	130.6	130.6	-	-	169.2	184.4	184.6	-	-
Other building equipment contractors <sup>4</sup> .....	23829	134.7	134.0	126.3	-	-	180.7	182.2	170.5	-	-
Building finishing contractors <sup>4</sup> .....	2383	91.6	97.0	96.9	-	-	130.4	144.5	143.4	-	-
Drywall and insulation contractors <sup>4</sup> .....	23831	76.2	83.3	82.5	-	-	113.1	125.7	125.5	-	-
Painting and wall covering contractors <sup>4</sup> .....	23832	94.4	95.2	95.4	-	-	124.0	137.8	135.9	-	-
Flooring contractors <sup>4</sup> .....	23833	96.4	104.1	108.1	-	-	136.6	154.5	155.4	-	-
Tile and terrazzo contractors <sup>4</sup> .....	23834	115.5	125.6	119.7	-	-	198.1	214.9	198.5	-	-
Finish carpentry contractors <sup>4</sup> .....	23835	100.7	114.1	113.3	-	-	138.6	173.3	172.0	-	-
Other building finishing contractors <sup>4</sup> .....	23839	107.3	114.6	115.0	-	-	156.3	162.4	162.6	-	-
Other specialty trade contractors <sup>4</sup> .....	2389	116.4	128.1	124.2	-	-	166.1	188.5	183.2	-	-
Site preparation contractors <sup>4</sup> .....	23891	115.0	131.4	128.1	-	-	161.8	193.0	188.4	-	-
All other specialty trade contractors <sup>4</sup> .....	23899	117.2	123.4	119.8	-	-	169.7	182.2	176.6	-	-
Manufacturing.....		84.0	85.7	86.2	86.5	0.3	114.7	120.0	121.0	121.3	0.2
Durable goods.....		84.0	86.3	87.4	87.6	0.2	114.7	120.4	122.4	122.7	0.2
Wood products.....	321	72.6	73.3	74.1	74.5	0.5	103.0	105.3	107.1	107.8	0.7

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Sawmills and wood preservation <sup>4</sup> .....	3211	77.1	74.4	76.1	-	-	104.4	102.6	105.5	-	-
Plywood and engineered wood products <sup>4</sup> .....	3212	63.9	68.5	66.5	-	-	94.1	103.1	101.1	-	-
Other wood products <sup>4</sup> .....	3219	74.4	74.9	76.5	-	-	106.6	107.6	110.7	-	-
Millwork <sup>4</sup> .....	32191	68.8	68.6	71.0	-	-	97.2	96.9	100.7	-	-
Wood windows and doors <sup>4</sup> .....	321911	67.0	71.1	73.8	-	-	102.9	107.5	111.9	-	-
Cut stock, resawing lumber, planing, and other millwork, including flooring <sup>4</sup> .....	321912,8	71.1	66.3	69.3	-	-	93.4	86.5	91.0	-	-
Wood containers and pallets <sup>4</sup> .....	32192	101.5	104.1	103.9	-	-	158.2	163.5	164.3	-	-
All other wood products <sup>4</sup> .....	32199	65.0	65.7	67.2	-	-	92.1	95.2	97.1	-	-
Nonmetallic mineral products.....	327	78.1	83.4	82.8	83.0	0.2	102.5	115.3	115.1	115.5	0.3
Cement and concrete products <sup>4</sup> .....	3273	86.9	90.5	89.8	-	-	114.4	126.3	125.7	-	-
Ready-mix concrete <sup>4</sup> .....	32732	81.2	89.5	89.3	-	-	109.3	131.4	130.7	-	-
Other cement and concrete products <sup>4</sup> .....	32731,3,9	94.1	91.4	90.5	-	-	121.5	118.8	118.1	-	-
Primary metals.....	331	75.4	77.6	78.3	78.2	-0.1	98.7	102.6	103.5	102.8	-0.7
Foundries <sup>4</sup> .....	3315	63.0	64.6	65.3	-	-	80.2	86.1	87.4	-	-
Fabricated metal products.....	332	94.8	98.3	99.8	99.9	0.1	130.1	137.1	139.5	139.7	0.1
Forging and stamping <sup>4</sup> .....	3321	91.1	97.2	98.8	-	-	122.6	130.4	131.9	-	-
Architectural and structural metals <sup>4</sup> .....	3323	94.0	98.7	99.8	-	-	127.6	135.9	137.9	-	-
Plate work and fabricated structural products <sup>4</sup> .....	33231	90.2	96.4	98.8	-	-	126.0	136.3	138.1	-	-
Fabricated structural metal products <sup>4</sup> .....	332312	92.5	97.5	102.2	-	-	129.6	137.4	141.4	-	-
Ornamental and architectural metal products <sup>4</sup> .....	33232	96.1	100.2	100.3	-	-	127.9	134.9	137.0	-	-
Sheet metal work <sup>4</sup> .....	332322	114.6	116.7	119.4	-	-	149.2	151.8	158.2	-	-
Boilers, tanks, and shipping containers <sup>4</sup> .....	3324	98.4	101.3	103.0	-	-	130.2	137.0	140.1	-	-
Machine shops and threaded products <sup>4</sup> .....	3327	119.4	123.6	124.8	-	-	161.5	173.3	175.1	-	-
Machine shops <sup>4</sup> .....	33271	130.5	136.6	137.9	-	-	176.3	191.6	193.7	-	-
Turned products and screws, nuts, and bolts <sup>4</sup> .....	33272	91.3	90.9	92.1	-	-	122.3	125.5	126.9	-	-
Coating, engraving, and heat treating metals <sup>4</sup> .....	3328	93.1	99.9	102.3	-	-	127.2	136.7	143.0	-	-
Metal heat treating and coating and nonprecious engraving <sup>4</sup> .....	332811,2	116.2	117.4	123.3	-	-	152.0	155.9	168.1	-	-
Electroplating, anodizing, and coloring metals <sup>4</sup> .....	332813	73.6	85.0	84.8	-	-	104.9	120.1	121.3	-	-
Other fabricated metal products <sup>4</sup> .....	3329	96.9	95.6	96.9	-	-	136.8	136.1	138.4	-	-
Metal valves <sup>4</sup> .....	33291	85.8	85.9	83.9	-	-	126.2	129.3	127.0	-	-
All other fabricated metal products <sup>4</sup> .....	33299	102.5	100.9	103.4	-	-	141.5	139.5	142.8	-	-
Machinery.....	333	93.0	95.5	96.6	96.8	0.2	131.4	137.7	139.2	139.5	0.2
Agricultural, construction, and mining machinery <sup>4</sup> .....	3331	118.3	133.1	135.0	-	-	178.2	203.3	209.1	-	-
Farm machinery and equipment <sup>4</sup> .....	333111	87.0	95.7	93.6	-	-	126.3	142.0	140.1	-	-
Industrial machinery <sup>4</sup> .....	3332	89.8	87.9	89.4	-	-	126.6	130.2	131.7	-	-
Commercial and service industry machinery <sup>4</sup> .....	3333	74.9	78.7	80.4	-	-	113.3	120.8	121.7	-	-
HVAC and commercial refrigeration equipment <sup>4</sup> .....	3334	83.1	78.2	82.2	-	-	116.2	114.2	120.8	-	-
Metalworking machinery <sup>4</sup> .....	3335	85.4	88.3	88.1	-	-	112.9	118.6	118.7	-	-
Special tools, dies, jigs, and fixtures <sup>4</sup> .....	333514	74.9	76.3	75.6	-	-	101.7	106.7	105.8	-	-
Turbine and power transmission equipment <sup>4</sup> .....	3336	79.5	79.2	79.0	-	-	108.0	108.1	109.3	-	-
Other general purpose machinery <sup>4</sup> .....	3339	100.9	100.9	100.6	-	-	145.8	147.6	144.9	-	-
Computer and electronic products.....	334	82.9	85.5	85.9	86.5	0.7	125.9	131.6	132.7	133.3	0.5
Communications equipment <sup>4</sup> .....	3342	62.9	59.7	58.9	-	-	79.7	77.4	76.9	-	-
Semiconductors and electronic components <sup>4</sup> .....	3344	70.2	71.2	71.8	-	-	101.7	102.7	103.5	-	-
Semiconductors and related devices <sup>4</sup> .....	334413	74.0	74.6	75.7	-	-	123.3	119.1	120.6	-	-
Electronic connectors and misc. electronic components <sup>4</sup> .....	334416,7,9	63.6	64.9	66.4	-	-	89.5	96.9	98.8	-	-
Electronic instruments <sup>4</sup> .....	3345	128.0	130.2	131.3	-	-	217.4	222.8	225.6	-	-
Electrical equipment and appliances.....	335	78.5	80.0	79.6	80.4	1.0	110.8	117.6	117.9	119.5	1.4
Electrical equipment <sup>4</sup> .....	3353	79.8	82.2	83.5	-	-	114.7	119.8	122.8	-	-
Other electrical equipment and components <sup>4</sup> .....	3359	92.2	95.5	95.2	-	-	131.6	141.4	142.3	-	-
Transportation equipment.....	336	87.9	90.0	92.9	93.8	1.0	107.9	113.6	117.7	119.0	1.1
Motor vehicles and parts <sup>5</sup> .....	3361,2,3	79.7	82.2	85.5	86.6	1.3	81.5	87.4	91.3	92.6	1.4
Motor vehicles <sup>4</sup> .....	3361	67.8	72.7	80.5	-	-	72.4	79.3	87.2	-	-
Motor vehicle bodies and trailers <sup>4</sup> .....	3362	107.4	116.6	119.6	-	-	124.3	141.4	145.0	-	-
Motor vehicle parts <sup>4</sup> .....	3363	77.4	79.1	80.7	-	-	77.2	82.8	84.9	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Motor vehicle gasoline engine and parts <sup>4</sup> .....	33631	63.1	68.5	69.8	-	-	69.7	75.3	77.5	-	-
Motor vehicle power train components <sup>4</sup> .....	33635	70.0	67.2	70.5	-	-	66.6	65.6	69.1	-	-
Motor vehicle metal stamping <sup>4</sup> .....	33637	88.9	95.7	95.8	-	-	84.2	96.4	97.1	-	-
All other motor vehicle parts <sup>4</sup> .....	33639	93.4	93.4	96.1	-	-	104.8	107.4	110.7	-	-
Aerospace products and parts <sup>4</sup> .....	3364	124.3	125.5	128.7	-	-	209.7	215.1	220.7	-	-
Aircraft <sup>4</sup> .....	336411	115.2	121.6	124.4	-	-	182.2	196.5	201.1	-	-
Furniture and related products.....	337	61.1	60.9	60.8	60.5	-0.5	85.0	86.0	86.0	85.8	-0.2
Household and institutional furniture <sup>4</sup> .....	3371	58.1	58.7	58.9	-	-	82.0	83.5	83.8	-	-
Wood kitchen cabinets and countertops <sup>4</sup> .....	33711	75.8	79.0	79.8	-	-	106.0	111.3	111.5	-	-
Other household and institutional furniture <sup>4</sup> .....	33712	47.8	47.0	47.0	-	-	67.1	66.3	66.4	-	-
Upholstered household furniture <sup>4</sup> .....	337121	66.6	65.2	65.1	-	-	89.3	88.9	88.8	-	-
Miscellaneous durable goods manufacturing.....	339	83.4	83.1	82.2	81.5	-0.9	123.7	123.3	121.9	120.4	-1.2
Medical equipment and supplies <sup>4</sup> .....	3391	103.4	101.5	101.6	-	-	156.6	153.8	153.5	-	-
Surgical appliances and supplies <sup>4</sup> .....	339113	109.9	113.2	111.8	-	-	147.7	154.4	152.5	-	-
Dental laboratories <sup>4</sup> .....	339116	78.9	75.4	74.8	-	-	120.0	117.5	116.5	-	-
Other miscellaneous durable goods manufacturing <sup>4</sup> ...	3399	68.7	69.1	68.1	-	-	97.5	97.6	96.3	-	-
Signs <sup>4</sup> .....	33995	96.0	99.9	96.8	-	-	129.0	137.6	133.5	-	-
All other miscellaneous durable goods manufacturing <sup>4</sup> .....	33993,4,9	68.8	71.2	70.4	-	-	101.1	106.5	104.3	-	-
Nondurable goods.....		83.9	84.8	84.7	84.9	0.2	114.5	119.2	118.8	119.0	0.2
Food manufacturing.....	311	111.4	113.2	112.8	113.4	0.5	150.0	156.7	156.4	157.9	1.0
Sugar and confectionery products <sup>4</sup> .....	3113	79.8	81.9	80.7	-	-	96.9	105.4	109.0	-	-
Fruit and vegetable preserving and specialty <sup>4</sup> .....	3114	107.1	104.8	104.0	-	-	134.4	139.3	138.7	-	-
Frozen food <sup>4</sup> .....	31141	111.5	105.4	103.7	-	-	149.3	137.9	137.4	-	-
Fruit and vegetable canning and drying <sup>4</sup> .....	31142	101.2	103.8	103.1	-	-	119.6	140.4	139.2	-	-
Dairy products <sup>4</sup> .....	3115	110.4	113.4	113.5	-	-	157.9	164.3	163.0	-	-
Animal slaughtering and processing <sup>4</sup> .....	3116	107.3	107.5	105.9	-	-	146.7	151.6	147.4	-	-
Poultry processing <sup>4</sup> .....	311615	104.8	107.1	106.3	-	-	138.5	147.6	145.2	-	-
Seafood product preparation and packaging <sup>4</sup> .....	3117	100.3	125.9	109.1	-	-	140.6	162.1	143.0	-	-
Bakeries and tortilla manufacturing <sup>4</sup> .....	3118	103.1	107.3	108.8	-	-	140.0	146.9	150.0	-	-
Textile mills.....	313	35.5	36.8	37.3	36.5	-2.1	49.5	51.9	52.2	52.0	-0.4
Textile product mills.....	314	54.0	50.3	51.0	50.9	-0.2	73.4	70.6	71.2	70.8	-0.6
Apparel.....	315	30.4	30.7	29.7	31.7	6.7	48.7	51.0	50.8	53.6	5.5
Paper and paper products.....	322	67.4	69.3	69.2	69.0	-0.3	87.2	90.2	89.9	89.3	-0.7
Pulp, paper, and paperboard mills <sup>4</sup> .....	3221	60.6	62.4	63.2	-	-	75.8	75.7	76.0	-	-
Converted paper products <sup>4</sup> .....	3222	70.8	72.5	71.8	-	-	95.6	100.3	99.1	-	-
Paperboard containers <sup>4</sup> .....	32221	75.4	77.9	76.8	-	-	100.1	106.1	104.6	-	-
Corrugated and solid fiber boxes <sup>4</sup> .....	322211	76.5	78.2	78.2	-	-	100.4	104.8	104.2	-	-
Paper bags and coated and treated paper <sup>4</sup> .....	32222	66.1	66.5	65.9	-	-	85.9	84.8	84.7	-	-
Printing and related support activities.....	323	63.9	62.4	62.4	61.9	-0.8	79.7	78.8	78.4	77.7	-0.9
Petroleum and coal products.....	324	108.6	109.6	103.3	104.2	0.9	190.3	191.7	177.2	177.9	0.4
Chemicals.....	325	98.4	102.0	102.7	103.1	0.4	132.9	143.3	144.3	142.1	-1.5
Basic chemicals <sup>4</sup> .....	3251	81.5	80.4	82.2	-	-	110.9	106.2	108.1	-	-
Resin, rubber, and artificial fibers <sup>4</sup> .....	3252	77.3	78.9	80.2	-	-	112.6	117.7	121.4	-	-
Pharmaceuticals and medicines <sup>4</sup> .....	3254	136.2	147.6	147.6	-	-	194.2	225.5	223.4	-	-
Soaps, cleaning compounds, and toiletries <sup>4</sup> .....	3256	90.7	93.0	94.0	-	-	116.8	128.1	129.6	-	-
Plastics and rubber products.....	326	86.5	85.2	85.2	86.0	0.9	112.1	115.9	116.0	117.8	1.6
Plastics products <sup>4</sup> .....	3261	89.6	88.7	88.7	-	-	122.0	126.6	126.7	-	-
Plastics packaging materials, film, and sheet <sup>4</sup> .....	32611	105.1	106.6	108.0	-	-	135.0	149.2	149.8	-	-
Foam products <sup>4</sup> .....	32614,5	113.2	112.1	112.0	-	-	153.0	157.8	158.2	-	-
Other plastics products <sup>4</sup> .....	32619	82.3	80.6	79.6	-	-	116.3	117.2	115.9	-	-
Rubber products <sup>4</sup> .....	3262	76.1	73.4	72.8	-	-	84.5	86.3	86.1	-	-
Miscellaneous nondurable goods manufacturing.....	312,6	100.9	105.2	102.6	100.0	-2.5	124.8	130.5	127.7	125.0	-2.1
Private service-providing.....		121.6	123.6	123.8	124.0	0.2	182.1	189.1	189.8	190.2	0.2
Trade, transportation, and utilities.....		109.1	111.4	111.3	111.4	0.1	150.6	157.6	157.6	157.7	0.1
Wholesale trade.....	42	108.4	110.2	109.7	109.7	0.0	157.9	162.5	163.0	162.1	-0.6

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Durable goods <sup>4</sup> .....	423	102.7	104.8	104.7	-	-	144.8	150.3	151.3	-	-
Motor vehicles and parts <sup>4</sup> .....	4231	101.7	102.1	100.0	-	-	135.6	138.4	138.2	-	-
Motor vehicles <sup>4</sup> .....	42311	101.8	104.9	104.3	-	-	136.6	154.2	153.6	-	-
New motor vehicle parts <sup>4</sup> .....	42312	96.9	96.2	93.6	-	-	126.8	124.6	124.6	-	-
Furniture and furnishings <sup>4</sup> .....	4232	96.9	101.2	101.3	-	-	133.5	139.2	142.7	-	-
Lumber and construction supplies <sup>4</sup> .....	4233	103.1	104.5	104.2	-	-	152.0	160.7	160.9	-	-
Lumber and wood <sup>4</sup> .....	42331	87.4	89.5	89.4	-	-	132.2	142.5	143.6	-	-
Commercial equipment <sup>4</sup> .....	4234	94.5	95.8	96.0	-	-	133.4	134.8	134.2	-	-
Office equipment <sup>4</sup> .....	42342	69.8	67.8	69.0	-	-	102.4	96.6	96.8	-	-
Computer and software <sup>4</sup> .....	42343	79.0	81.0	81.4	-	-	107.2	107.4	106.3	-	-
Medical equipment <sup>4</sup> .....	42345	132.7	133.5	131.9	-	-	203.2	208.9	208.8	-	-
Miscellaneous professional and commercial equipment <sup>4</sup> .....	42341,4,6,9	109.5	115.0	117.2	-	-	166.9	178.7	180.8	-	-
Metals and minerals <sup>4</sup> .....	4235	102.0	105.3	106.7	-	-	140.2	149.5	151.4	-	-
Electric goods <sup>4</sup> .....	4236	97.5	94.6	95.5	-	-	136.6	134.9	137.5	-	-
Electrical equipment and wiring <sup>4</sup> .....	42361	110.2	104.9	105.7	-	-	152.7	141.9	142.6	-	-
Electric appliances and other electronic parts <sup>4</sup> .....	42362,9	86.8	86.0	88.0	-	-	125.5	129.8	134.3	-	-
Hardware and plumbing <sup>4</sup> .....	4237	113.6	118.8	119.0	-	-	170.9	182.3	184.7	-	-
Hardware <sup>4</sup> .....	42371	110.0	116.4	114.3	-	-	168.7	181.0	180.6	-	-
Plumbing equipment <sup>4</sup> .....	42372	120.2	125.1	126.6	-	-	190.1	207.9	213.8	-	-
HVAC and refrigeration equipment <sup>4</sup> .....	42373,4	108.9	113.8	114.4	-	-	153.5	156.4	159.0	-	-
Machinery and supplies <sup>4</sup> .....	4238	105.8	108.8	109.0	-	-	153.2	161.0	163.1	-	-
Construction equipment <sup>4</sup> .....	42381	112.6	119.2	120.0	-	-	160.8	174.3	181.7	-	-
Farm and garden equipment <sup>4</sup> .....	42382	105.7	108.2	105.8	-	-	175.0	179.8	178.1	-	-
Industrial machinery <sup>4</sup> .....	42383	99.7	102.7	102.7	-	-	143.2	147.8	149.0	-	-
Industrial supplies <sup>4</sup> .....	42384	130.7	131.9	134.5	-	-	192.5	204.9	211.9	-	-
Miscellaneous durable goods <sup>4</sup> .....	4239	117.3	122.8	122.8	-	-	169.6	180.7	184.1	-	-
Sporting goods <sup>4</sup> .....	42391	112.0	116.3	115.6	-	-	163.7	176.5	180.7	-	-
Recyclable materials <sup>4</sup> .....	42393	120.3	127.2	130.0	-	-	166.5	181.2	187.6	-	-
Nondurable goods <sup>4</sup> .....	424	105.6	105.5	104.4	-	-	150.7	154.7	153.4	-	-
Paper and paper products <sup>4</sup> .....	4241	83.0	84.1	82.6	-	-	118.2	127.3	126.6	-	-
Druggists' goods <sup>4</sup> .....	4242	91.5	92.7	91.7	-	-	138.4	142.6	143.1	-	-
Apparel and piece goods <sup>4</sup> .....	4243	101.5	95.4	95.6	-	-	142.1	137.4	137.2	-	-
Grocery and related products <sup>4</sup> .....	4244	114.5	113.8	113.3	-	-	158.3	159.8	159.8	-	-
General line grocery <sup>4</sup> .....	42441	110.9	110.3	110.0	-	-	150.9	146.4	145.3	-	-
Fruits and vegetables <sup>4</sup> .....	42448	148.9	147.3	146.1	-	-	204.2	214.4	214.1	-	-
Farm product raw materials <sup>4</sup> .....	4245	103.5	105.7	103.1	-	-	161.1	168.4	163.0	-	-
Chemicals <sup>4</sup> .....	4246	103.0	111.3	112.1	-	-	147.6	160.4	163.1	-	-
Petroleum <sup>4</sup> .....	4247	102.1	99.4	97.0	-	-	162.6	149.8	144.9	-	-
Alcoholic beverages <sup>4</sup> .....	4248	149.6	150.7	149.6	-	-	201.5	216.0	211.2	-	-
Misc. nondurable goods <sup>4</sup> .....	4249	92.2	90.6	88.6	-	-	133.6	140.1	136.4	-	-
Farm supplies <sup>4</sup> .....	42491	108.5	112.7	110.0	-	-	157.6	178.0	173.5	-	-
Nursery stock and florists' supplies <sup>4</sup> .....	42493	79.7	74.5	71.4	-	-	115.4	108.8	103.0	-	-
Electronic markets and agents and brokers <sup>4</sup> .....	425	150.4	152.2	152.8	-	-	238.4	233.6	237.6	-	-
Retail trade.....		103.1	105.0	105.2	105.2	0.0	135.3	143.1	142.9	143.1	0.1
Motor vehicle and parts dealers <sup>4</sup> .....	441	113.5	114.1	114.3	-	-	137.9	145.2	145.1	-	-
Automobile dealers <sup>4</sup> .....	4411	113.5	114.4	114.2	-	-	132.4	139.7	138.8	-	-
New car dealers <sup>4</sup> .....	44111	108.0	108.5	108.6	-	-	125.7	132.7	132.0	-	-
Used car dealers <sup>4</sup> .....	44112	183.4	186.5	185.2	-	-	248.4	258.7	256.5	-	-
Other motor vehicle dealers <sup>4</sup> .....	4412	114.7	110.7	110.1	-	-	161.3	160.3	161.7	-	-
Auto parts, accessories, and tire stores <sup>4</sup> .....	4413	113.2	114.1	114.5	-	-	151.7	160.5	162.2	-	-
Automotive parts and accessories stores <sup>4</sup> .....	44131	109.4	110.1	110.3	-	-	151.2	163.3	164.6	-	-
Tire dealers <sup>4</sup> .....	44132	120.8	122.3	123.1	-	-	151.7	155.7	156.8	-	-
Furniture and home furnishings stores <sup>4</sup> .....	442	88.8	90.7	90.8	-	-	123.2	128.8	128.2	-	-
Furniture stores <sup>4</sup> .....	4421	88.1	90.5	91.3	-	-	121.3	124.0	124.8	-	-
Home furnishings stores <sup>4</sup> .....	4422	89.5	90.7	90.9	-	-	128.1	134.9	134.0	-	-
Floor covering stores <sup>4</sup> .....	44221	75.9	77.0	77.3	-	-	109.9	117.7	114.5	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Other home furnishings stores <sup>4</sup> .....	44229	100.4	102.0	102.1	-	-	147.7	155.1	156.6	-	-
Electronics and appliance stores <sup>4</sup> .....	443	98.2	99.8	100.4	-	-	141.3	149.3	147.9	-	-
Household appliance stores <sup>4</sup> .....	443141	62.5	65.6	64.9	-	-	83.1	93.7	93.4	-	-
Electronics stores <sup>4</sup> .....	443142	104.9	106.4	107.1	-	-	150.1	159.4	157.2	-	-
Building material and garden supply stores <sup>4</sup> .....	444	100.3	104.1	104.2	-	-	132.9	141.2	140.7	-	-
Building material and supplies dealers <sup>4</sup> .....	4441	98.9	103.3	102.6	-	-	130.5	139.1	137.7	-	-
Home centers <sup>4</sup> .....	44411	112.7	117.2	117.4	-	-	144.4	156.5	154.2	-	-
Hardware stores <sup>4</sup> .....	44413	89.1	91.0	89.4	-	-	121.1	126.8	125.7	-	-
Lawn and garden equipment and supplies stores <sup>4</sup> .....	4442	110.9	112.8	116.0	-	-	152.9	163.4	166.3	-	-
Food and beverage stores <sup>4</sup> .....	445	93.0	95.1	95.1	-	-	114.3	120.0	120.1	-	-
Grocery stores <sup>4</sup> .....	4451	94.4	96.0	96.0	-	-	116.8	121.6	121.5	-	-
Supermarkets and other grocery stores <sup>4</sup> .....	44511	93.6	95.1	94.8	-	-	115.8	120.5	120.1	-	-
Convenience stores <sup>4</sup> .....	44512	110.2	113.1	112.6	-	-	142.9	148.2	146.8	-	-
Specialty food stores <sup>4</sup> .....	4452	75.0	80.8	80.8	-	-	89.4	100.3	100.2	-	-
Meat markets and fish and seafood markets <sup>4</sup> .....	44521,2	100.6	101.3	103.0	-	-	129.6	127.5	129.9	-	-
Beer, wine, and liquor stores <sup>4</sup> .....	4453	101.2	105.2	106.4	-	-	117.1	127.7	131.7	-	-
Health and personal care stores <sup>4</sup> .....	446	106.0	104.8	106.6	-	-	153.0	158.9	160.5	-	-
Pharmacies and drug stores <sup>4</sup> .....	44611	97.7	95.2	96.0	-	-	150.3	153.7	153.8	-	-
Cosmetic and beauty supply stores <sup>4</sup> .....	44612	149.9	147.9	157.6	-	-	184.8	191.0	203.2	-	-
Optical goods stores <sup>4</sup> .....	44613	130.3	139.0	139.5	-	-	174.8	192.5	193.1	-	-
Other health and personal care stores <sup>4</sup> .....	44619	102.5	104.0	106.3	-	-	131.0	143.6	148.7	-	-
Gasoline stations <sup>4</sup> .....	447	101.2	103.8	104.5	-	-	136.3	141.3	142.2	-	-
Gasoline stations with convenience stores <sup>4</sup> .....	44711	106.7	108.3	109.1	-	-	144.9	148.7	149.4	-	-
Other gasoline stations <sup>4</sup> .....	44719	78.6	79.2	79.8	-	-	104.7	108.1	107.7	-	-
Clothing and clothing accessories stores <sup>4</sup> .....	448	91.9	90.7	92.2	-	-	123.9	129.8	132.3	-	-
Clothing stores <sup>4</sup> .....	4481	92.1	91.0	93.1	-	-	120.2	125.3	128.2	-	-
Women's clothing stores <sup>4</sup> .....	44812	110.4	101.8	105.2	-	-	138.8	127.4	131.7	-	-
Family clothing stores <sup>4</sup> .....	44814	82.2	84.4	84.8	-	-	102.8	114.3	116.4	-	-
Clothing accessories stores <sup>4</sup> .....	44815	130.8	107.5	128.0	-	-	189.4	166.4	198.1	-	-
Shoe stores <sup>4</sup> .....	4482	109.9	109.0	109.9	-	-	177.6	185.5	187.7	-	-
Jewelry, luggage, and leather goods stores <sup>4</sup> .....	4483	77.1	74.1	73.1	-	-	106.1	114.1	112.9	-	-
Sporting goods, hobby, book, and music stores <sup>4</sup> .....	451	101.2	101.7	102.7	-	-	148.4	152.7	152.7	-	-
Sporting goods and musical instrument stores <sup>4</sup> .....	4511	118.5	121.3	122.9	-	-	170.9	175.8	178.8	-	-
Sporting goods stores <sup>4</sup> .....	45111	141.6	146.3	149.3	-	-	196.0	204.9	208.6	-	-
Book stores and news dealers <sup>4</sup> .....	4512	47.1	42.3	40.0	-	-	71.0	67.6	63.6	-	-
General merchandise stores <sup>4</sup> .....	452	118.0	122.2	122.1	-	-	154.1	171.1	170.1	-	-
Miscellaneous store retailers <sup>4</sup> .....	453	83.2	84.2	84.0	-	-	106.5	109.3	109.0	-	-
Florists <sup>4</sup> .....	4531	47.6	47.9	47.3	-	-	63.7	67.4	65.8	-	-
Office supplies, stationery, and gift stores <sup>4</sup> .....	4532	50.7	50.3	49.7	-	-	64.6	64.2	62.9	-	-
Office supplies and stationery stores <sup>4</sup> .....	45321	48.8	46.2	46.8	-	-	59.8	54.7	54.7	-	-
Gift, novelty, and souvenir stores <sup>4</sup> .....	45322	52.5	54.4	52.2	-	-	71.8	78.8	74.8	-	-
Used merchandise stores <sup>4</sup> .....	4533	175.1	173.5	174.0	-	-	258.8	256.1	256.1	-	-
Other miscellaneous store retailers <sup>4</sup> .....	4539	113.3	116.5	117.0	-	-	141.7	148.9	150.3	-	-
Pet and pet supplies stores <sup>4</sup> .....	45391	172.4	181.7	184.4	-	-	231.9	252.4	256.5	-	-
Nonstore retailers <sup>4</sup> .....	454	125.8	127.5	128.9	-	-	183.3	178.1	180.3	-	-
Electronic shopping and mail-order houses <sup>4</sup> .....	4541	165.9	165.8	168.3	-	-	234.1	216.5	221.2	-	-
Transportation and warehousing.....		129.7	133.4	133.9	134.6	0.5	175.4	184.4	185.3	186.4	0.6
Air transportation <sup>4</sup> .....	481	74.7	74.4	74.1	-	-	157.9	162.1	161.3	-	-
Truck transportation <sup>4</sup> .....	484	117.3	119.1	119.6	-	-	160.3	165.9	167.6	-	-
General freight trucking <sup>4</sup> .....	4841	113.5	115.1	116.0	-	-	152.3	155.7	157.8	-	-
General freight trucking, local <sup>4</sup> .....	48411	110.5	114.6	116.3	-	-	152.2	160.7	164.3	-	-
General freight trucking, long-distance <sup>4</sup> .....	48412	114.5	115.4	116.1	-	-	152.4	154.3	156.6	-	-
General freight trucking, long-distance TL <sup>4</sup> .....	484121	110.3	110.7	111.3	-	-	149.3	148.6	150.5	-	-
General freight trucking, long-distance LTL <sup>4</sup> .....	484122	124.3	126.9	127.6	-	-	159.5	166.3	170.1	-	-
Specialized freight trucking <sup>4</sup> .....	4842	128.0	129.0	128.9	-	-	184.2	194.9	195.1	-	-
Used household and office goods moving <sup>4</sup> .....	48421	85.6	89.5	88.8	-	-	113.1	131.4	131.4	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Other specialized trucking, local <sup>4</sup> .....	48422	137.9	139.0	138.1	-	-	203.5	217.7	217.2	-	-
Other specialized trucking, long-distance <sup>4</sup> .....	48423	147.0	147.9	146.5	-	-	206.4	205.7	202.2	-	-
Transit and ground passenger transportation <sup>4</sup> .....	485	136.3	138.8	143.8	-	-	182.8	193.7	199.5	-	-
School and employee bus transportation <sup>4</sup> .....	4854	128.7	137.2	154.0	-	-	172.2	196.3	220.5	-	-
Other ground passenger transportation <sup>4</sup> .....	4859	196.5	200.7	205.0	-	-	245.8	258.4	264.3	-	-
Pipeline transportation <sup>4</sup> .....	486	128.3	129.1	129.2	-	-	236.2	243.7	246.3	-	-
Support activities for transportation <sup>4</sup> .....	488	132.3	137.2	136.0	-	-	168.7	179.9	177.8	-	-
Support activities for air transportation <sup>4</sup> .....	4881	146.4	151.3	148.8	-	-	167.2	176.0	172.4	-	-
Airport operations <sup>4</sup> .....	48811	147.0	151.9	151.4	-	-	141.8	147.3	148.1	-	-
Support activities for water transportation <sup>4</sup> .....	4883	86.4	92.3	90.5	-	-	132.0	149.1	146.4	-	-
Support activities for road transportation <sup>4</sup> .....	4884	152.6	159.5	157.6	-	-	166.5	176.7	176.8	-	-
Freight transportation arrangement <sup>4</sup> .....	4885	135.0	141.2	141.1	-	-	189.6	202.4	202.5	-	-
Support activities for other transportation, including rail <sup>4</sup> .....	4882,9	135.5	136.9	138.1	-	-	201.4	209.6	209.1	-	-
Couriers and messengers <sup>4</sup> .....	492	168.5	179.1	181.1	-	-	205.9	229.3	230.8	-	-
Warehousing and storage <sup>4</sup> .....	493	207.4	218.2	220.2	-	-	238.3	260.1	263.7	-	-
General warehousing and storage <sup>4</sup> .....	49311	221.9	232.9	235.5	-	-	255.6	277.9	281.7	-	-
Utilities.....	22	97.1	96.8	96.4	95.5	-0.9	147.0	147.2	147.0	145.6	-1.0
Power generation and supply <sup>4</sup> .....	2211	96.2	96.1	96.2	-	-	151.1	150.4	150.4	-	-
Electric power generation <sup>4</sup> .....	22111	61.8	60.6	60.8	-	-	98.7	93.9	94.2	-	-
Fossil fuel electric power generation <sup>4</sup> .....	221112	68.0	67.5	68.4	-	-	114.2	112.0	113.6	-	-
Electric power transmission and distribution <sup>4</sup> .....	22112	151.4	152.3	152.4	-	-	246.4	251.4	250.2	-	-
Natural gas distribution <sup>4</sup> .....	2212	93.1	91.1	91.4	-	-	130.8	135.1	137.1	-	-
Water, sewage and other systems <sup>4</sup> .....	2213	120.0	117.7	116.3	-	-	155.3	147.8	146.8	-	-
Information.....	51	92.1	90.6	90.7	90.8	0.1	140.3	141.3	142.2	141.7	-0.4
Publishing industries, except Internet <sup>4</sup> .....	511	100.6	98.7	99.4	-	-	157.2	157.9	159.6	-	-
Newspaper, book, and directory publishers <sup>4</sup> .....	5111	74.3	71.2	70.9	-	-	111.1	107.3	107.5	-	-
Newspaper publishers <sup>4</sup> .....	51111	67.2	61.8	61.6	-	-	89.5	79.6	78.8	-	-
Periodical publishers <sup>4</sup> .....	51112	89.8	90.1	90.7	-	-	147.4	150.3	152.7	-	-
Software publishers <sup>4</sup> .....	5112	143.5	144.2	146.6	-	-	196.1	200.6	203.0	-	-
Motion picture and sound recording industries <sup>4</sup> .....	512	91.8	90.8	86.8	-	-	107.9	106.1	101.9	-	-
Broadcasting, except Internet <sup>4</sup> .....	515	82.6	80.9	82.0	-	-	125.6	129.5	129.2	-	-
Radio broadcasting <sup>4</sup> .....	51511	85.2	84.2	86.9	-	-	136.3	144.5	145.3	-	-
Telecommunications <sup>4</sup> .....	517	70.6	68.5	68.9	-	-	103.7	106.4	107.4	-	-
Wired and wireless telecommunications carriers <sup>4</sup> .....	5173	76.7	74.2	74.9	-	-	113.3	115.6	117.4	-	-
Data processing, hosting and related services <sup>4</sup> .....	518	116.9	116.8	117.3	-	-	213.6	201.7	208.0	-	-
Other information services <sup>4</sup> .....	519	247.2	254.7	251.9	-	-	392.7	399.7	397.9	-	-
Financial activities.....		114.4	115.5	115.7	115.8	0.1	187.4	191.1	191.5	191.7	0.1
Credit intermediation and related activities <sup>4</sup> .....	522	107.7	108.5	108.7	-	-	174.9	179.8	180.2	-	-
Depository credit intermediation <sup>4</sup> .....	5221	105.1	106.3	107.4	-	-	174.6	182.5	185.0	-	-
Commercial banking <sup>4</sup> .....	52211	110.9	112.5	113.8	-	-	188.5	197.3	200.3	-	-
Savings institutions <sup>4</sup> .....	52212	50.3	49.7	49.9	-	-	75.9	79.5	78.7	-	-
Credit unions and other depository credit intermediation <sup>4</sup> .....	52213,9	129.7	131.5	131.8	-	-	209.2	217.3	218.5	-	-
Nondepository credit intermediation <sup>4</sup> .....	5222	101.4	102.2	101.8	-	-	153.4	160.8	160.5	-	-
Consumer lending <sup>4</sup> .....	522291	111.8	108.4	105.9	-	-	142.7	146.4	143.9	-	-
Real estate credit <sup>4</sup> .....	522292	98.1	98.6	98.4	-	-	135.4	146.1	144.9	-	-
Activities related to credit intermediation <sup>4</sup> .....	5223	146.2	142.1	138.2	-	-	248.3	222.7	219.6	-	-
Securities, commodity contracts, investments, and funds and trusts <sup>4</sup> .....	523,5	131.0	128.5	127.9	-	-	237.0	232.2	231.3	-	-
Securities brokerage <sup>4</sup> .....	52312	111.6	103.8	104.7	-	-	191.9	184.4	186.3	-	-
Securities and commodity contracts brokerage and exchanges <sup>4</sup> .....	5231,2	104.9	98.9	98.2	-	-	198.2	180.6	178.6	-	-
Other financial investment activities, including funds and trusts <sup>4</sup> .....	5239; 525	173.4	177.7	178.2	-	-	297.4	315.3	318.3	-	-
Portfolio management <sup>4</sup> .....	52392	165.1	171.4	172.8	-	-	291.1	324.5	327.5	-	-
Investment advice <sup>4</sup> .....	52393	222.4	230.7	229.8	-	-	367.2	385.1	392.1	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Insurance carriers and related activities <sup>4</sup> .....	524	118.5	118.0	118.4	-	-	181.5	183.9	184.3	-	-
Insurance carriers <sup>4</sup> .....	5241	105.7	104.9	104.9	-	-	164.3	164.2	164.3	-	-
Direct life and health insurance carriers <sup>4</sup> .....	52411	111.8	113.0	113.2	-	-	180.6	184.3	185.3	-	-
Direct insurers, except life and health <sup>4</sup> .....	52412	100.1	96.7	97.4	-	-	146.8	142.6	143.5	-	-
Reinsurance carriers <sup>4</sup> .....	52413	96.1	92.6	93.0	-	-	234.0	214.9	212.6	-	-
Insurance agencies, brokerages, and related services <sup>4</sup> ..	5242	143.7	144.2	144.5	-	-	219.2	226.8	226.4	-	-
Insurance agencies and brokerages <sup>4</sup> .....	52421	141.8	141.9	143.0	-	-	212.1	222.0	222.0	-	-
Other insurance-related activities <sup>4</sup> .....	52429	149.3	149.4	149.6	-	-	237.1	239.1	239.5	-	-
Third-party administration of insurance funds <sup>4</sup> .....	524292	142.1	145.6	145.4	-	-	227.4	239.0	239.2	-	-
Real estate <sup>4</sup> .....	531	120.6	125.1	125.3	-	-	199.3	209.5	210.5	-	-
Lessors of real estate <sup>4</sup> .....	5311	95.7	97.5	97.9	-	-	155.0	164.4	165.4	-	-
Lessors of residential buildings <sup>4</sup> .....	53111	92.2	91.6	91.5	-	-	143.8	147.3	146.9	-	-
Lessors of nonresidential buildings <sup>4</sup> .....	53112	87.8	95.5	96.4	-	-	169.9	189.4	194.3	-	-
Offices of real estate agents and brokers <sup>4</sup> .....	5312	109.5	115.4	114.8	-	-	195.9	208.2	205.3	-	-
Activities related to real estate <sup>4</sup> .....	5313	163.9	170.8	170.2	-	-	256.8	266.4	266.2	-	-
Real estate property managers <sup>4</sup> .....	53131	165.0	173.7	172.6	-	-	257.9	270.5	270.1	-	-
Residential property managers <sup>4</sup> .....	531311	173.5	184.7	185.5	-	-	265.9	288.7	291.2	-	-
Nonresidential property managers <sup>4</sup> .....	531312	141.7	146.1	141.7	-	-	241.5	233.6	231.1	-	-
Rental and leasing services <sup>4</sup> .....	532	94.1	101.7	101.9	-	-	150.8	167.6	167.9	-	-
Home health equipment rental <sup>4</sup> .....	532283	124.1	117.8	116.0	-	-	124.6	129.1	127.2	-	-
General rental centers <sup>4</sup> .....	5323	60.7	60.1	59.3	-	-	62.1	65.0	62.9	-	-
Machinery and equipment rental and leasing <sup>4</sup> .....	5324	145.6	177.4	180.3	-	-	244.3	306.2	309.9	-	-
Heavy machinery rental and leasing <sup>4</sup> .....	53241	134.5	174.2	179.3	-	-	259.2	339.1	340.1	-	-
Office equipment and other machinery rental and leasing <sup>4</sup> .....	53242,9	164.5	180.5	181.7	-	-	228.8	259.1	265.4	-	-
Professional and business services.....		133.3	135.1	135.8	136.1	0.2	206.4	214.1	215.7	216.5	0.4
Professional and technical services <sup>4</sup> .....	54	143.6	145.9	145.8	-	-	224.5	234.2	234.8	-	-
Legal services <sup>4</sup> .....	5411	102.7	103.3	103.7	-	-	155.2	162.5	165.0	-	-
Offices of lawyers <sup>4</sup> .....	54111	101.1	101.2	101.8	-	-	153.3	160.0	162.7	-	-
Other legal services <sup>4</sup> .....	54119	129.6	130.8	129.1	-	-	202.1	213.4	212.2	-	-
Title abstract and settlement offices <sup>4</sup> .....	541191	112.0	116.1	113.5	-	-	154.1	167.7	164.9	-	-
Accounting and bookkeeping services <sup>4</sup> .....	5412	119.5	119.8	119.7	-	-	188.8	194.7	195.2	-	-
Offices of certified public accountants <sup>4</sup> .....	541211	128.8	131.0	131.1	-	-	190.0	196.0	194.7	-	-
Payroll services <sup>4</sup> .....	541214	132.1	134.3	133.0	-	-	212.6	228.3	226.5	-	-
Architectural and engineering services <sup>4</sup> .....	5413	116.0	116.6	116.5	-	-	180.0	186.6	186.4	-	-
Architectural services <sup>4</sup> .....	54131	108.1	108.6	110.5	-	-	160.6	168.4	171.1	-	-
Landscape architectural services <sup>4</sup> .....	54132	77.5	77.7	78.8	-	-	125.9	133.1	131.9	-	-
Engineering and drafting services <sup>4</sup> .....	54133,4	120.7	122.2	121.8	-	-	188.6	195.8	195.1	-	-
Building inspection, surveying, and mapping services <sup>4</sup> ..	54135,6,7	97.3	98.3	100.3	-	-	156.5	159.4	163.4	-	-
Testing laboratories <sup>4</sup> .....	54138	119.6	118.0	118.0	-	-	169.4	175.6	176.7	-	-
Specialized design services <sup>4</sup> .....	5414	120.0	116.5	117.0	-	-	206.2	205.2	209.0	-	-
Graphic design services <sup>4</sup> .....	54143	101.4	93.0	94.0	-	-	177.3	172.6	177.5	-	-
Computer systems design and related services <sup>4</sup> .....	5415	184.8	187.0	187.4	-	-	267.5	276.7	277.7	-	-
Custom computer programming services <sup>4</sup> .....	541511	173.7	178.4	177.7	-	-	248.2	260.6	259.4	-	-
Computer systems design services <sup>4</sup> .....	541512	230.0	229.4	230.9	-	-	317.2	321.7	326.6	-	-
Management and technical consulting services <sup>4</sup> .....	5416	236.4	240.2	242.2	-	-	354.1	367.3	369.5	-	-
Management consulting services <sup>4</sup> .....	54161	233.3	243.1	243.8	-	-	342.1	361.4	359.9	-	-
Administrative management consulting services <sup>4</sup> .....	541611	261.1	279.0	278.8	-	-	416.9	446.5	444.1	-	-
Marketing consulting services <sup>4</sup> .....	541613	404.2	408.5	411.2	-	-	569.2	594.4	591.2	-	-
Process and logistics consulting services <sup>4</sup> .....	541614	215.8	222.0	227.3	-	-	277.0	273.9	276.1	-	-
Scientific research and development services <sup>4</sup> .....	5417	134.9	141.1	142.3	-	-	227.0	240.5	243.5	-	-
Research and development in the physical, engineering, and life sciences <sup>4</sup> .....	54171	141.7	147.6	148.9	-	-	239.1	252.6	255.1	-	-
Research and development in nanotechnology <sup>4</sup> .....	541713	144.8	176.5	185.2	-	-	250.3	303.9	325.2	-	-
Research and development in biotechnology, except nanobiotechnology <sup>4</sup> .....	541714	172.8	179.9	181.5	-	-	276.1	294.2	295.6	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology <sup>4</sup> .....	541715	131.9	135.5	136.8	-	-	228.9	237.4	240.3	-	-
Social science and humanities research <sup>4</sup> .....	54172	83.1	90.1	88.3	-	-	123.4	133.6	135.2	-	-
Advertising and related services <sup>4</sup> .....	5418	127.1	126.2	125.9	-	-	208.5	208.1	209.5	-	-
Advertising agencies <sup>4</sup> .....	54181	143.8	141.0	140.7	-	-	224.4	218.9	219.7	-	-
Public relations agencies <sup>4</sup> .....	54182	130.3	136.3	136.7	-	-	212.2	230.8	231.5	-	-
Advertising material distribution and other advertising services <sup>4</sup> .....	54187,9	148.8	151.6	149.7	-	-	239.1	246.3	241.9	-	-
Other professional and technical services <sup>4</sup> .....	5419	165.7	171.5	171.7	-	-	277.7	298.8	301.0	-	-
Marketing research and public opinion polling <sup>4</sup> .....	54191	85.8	85.0	83.9	-	-	142.3	145.9	147.0	-	-
Photographic services <sup>4</sup> .....	54192	68.9	61.2	57.0	-	-	113.1	109.1	103.3	-	-
Veterinary services <sup>4</sup> .....	54194	171.0	176.0	176.1	-	-	264.9	275.7	274.7	-	-
Miscellaneous professional and technical services <sup>4</sup> .....	54193,9	424.4	461.0	466.6	-	-	755.3	863.1	879.4	-	-
Management of companies and enterprises <sup>4</sup> .....	55	126.4	126.9	127.7	-	-	217.6	223.2	223.5	-	-
Offices of bank holding companies and of other holding companies <sup>4</sup> .....	551111,2	98.6	107.0	109.2	-	-	163.6	183.6	188.8	-	-
Managing offices <sup>4</sup> .....	551114	127.6	127.7	128.7	-	-	220.7	225.3	226.0	-	-
Administrative and waste services <sup>4</sup> .....	56	126.3	128.7	128.9	-	-	177.2	185.1	185.5	-	-
Administrative and support services <sup>4</sup> .....	561	126.0	128.5	128.7	-	-	177.6	185.6	185.8	-	-
Office administrative services <sup>4</sup> .....	5611	194.3	195.9	196.5	-	-	335.5	344.4	347.1	-	-
Facilities support services <sup>4</sup> .....	5612	156.8	151.6	150.0	-	-	176.5	173.8	172.2	-	-
Employment services <sup>4</sup> .....	5613	118.4	121.1	121.3	-	-	160.0	166.5	166.7	-	-
Employment placement agencies and executive search services <sup>4</sup> .....	56131	105.0	112.4	113.4	-	-	179.1	175.7	178.5	-	-
Temporary help services <sup>4</sup> .....	56132	143.5	145.8	146.2	-	-	191.7	199.9	200.7	-	-
Professional employer organizations <sup>4</sup> .....	56133	48.7	49.9	50.7	-	-	63.9	67.5	67.5	-	-
Business support services <sup>4</sup> .....	5614	129.8	130.8	131.2	-	-	189.8	194.3	194.2	-	-
Telephone call centers <sup>4</sup> .....	56142	166.8	167.1	168.6	-	-	253.9	265.0	267.4	-	-
Business service centers <sup>4</sup> .....	56143	90.5	89.9	90.3	-	-	127.7	122.3	123.6	-	-
Collection agencies <sup>4</sup> .....	56144	88.5	89.0	87.9	-	-	127.4	128.8	127.5	-	-
Travel arrangement and reservation services <sup>4</sup> .....	5615	91.9	91.1	90.0	-	-	148.1	153.9	151.7	-	-
Travel agencies <sup>4</sup> .....	56151	75.2	75.2	72.0	-	-	97.3	105.4	100.0	-	-
Investigation and security services <sup>4</sup> .....	5616	128.0	129.8	129.7	-	-	189.9	200.2	200.7	-	-
Security and armored car services <sup>4</sup> .....	56161	125.7	125.9	126.5	-	-	183.8	190.0	191.9	-	-
Security systems services <sup>4</sup> .....	56162	146.3	154.0	153.4	-	-	220.4	242.1	242.4	-	-
Services to buildings and dwellings <sup>4</sup> .....	5617	134.6	137.8	138.1	-	-	188.7	200.3	200.8	-	-
Exterminating and pest control services <sup>4</sup> .....	56171	161.4	167.0	168.5	-	-	238.5	247.5	246.7	-	-
Janitorial services <sup>4</sup> .....	56172	125.0	128.7	129.4	-	-	171.6	180.2	179.7	-	-
Landscaping services <sup>4</sup> .....	56173	145.4	147.0	147.1	-	-	204.9	218.3	220.2	-	-
Carpet and upholstery cleaning services <sup>4</sup> .....	56174	92.4	98.3	98.8	-	-	125.6	140.2	142.3	-	-
Other services to buildings and dwellings <sup>4</sup> .....	56179	128.7	138.3	139.6	-	-	165.6	180.7	181.4	-	-
Other support services <sup>4</sup> .....	5619	111.5	116.1	114.3	-	-	146.7	158.8	155.1	-	-
Packaging and labeling services <sup>4</sup> .....	56191	127.2	124.9	124.0	-	-	193.0	192.7	190.5	-	-
Convention and trade show organizers <sup>4</sup> .....	56192	100.7	111.4	108.4	-	-	117.2	124.1	119.6	-	-
All other support services <sup>4</sup> .....	56199	109.7	114.4	113.4	-	-	150.3	168.8	166.2	-	-
Waste management and remediation services <sup>4</sup> .....	562	127.2	134.0	133.3	-	-	168.3	182.3	182.7	-	-
Waste collection <sup>4</sup> .....	5621	163.8	173.4	173.0	-	-	218.5	235.8	236.7	-	-
Waste treatment and disposal <sup>4</sup> .....	5622	87.8	88.5	89.2	-	-	135.4	137.8	141.6	-	-
Remediation and other waste services <sup>4</sup> .....	5629	133.2	143.2	140.7	-	-	160.4	182.1	180.7	-	-
Education and health services.....		140.1	142.6	143.0	142.7	-0.2	213.2	221.5	223.0	222.8	-0.1
Health care and social assistance <sup>4</sup> .....	62	142.1	144.7	145.0	-	-	217.9	227.4	228.7	-	-
Health care <sup>6, 4</sup> .....	621,2,3	137.6	140.6	140.8	-	-	216.2	226.2	227.4	-	-
Ambulatory health care services <sup>4</sup> .....	621	159.9	163.7	164.1	-	-	250.0	261.0	262.7	-	-
Offices of physicians <sup>4</sup> .....	6211	137.7	140.7	141.3	-	-	247.4	258.2	261.3	-	-
Offices of physicians, except mental health <sup>4</sup> .....	621111	138.0	140.9	141.4	-	-	248.6	259.6	262.4	-	-
Offices of mental health physicians <sup>4</sup> .....	621112	117.6	133.3	135.3	-	-	174.5	191.7	197.3	-	-
Offices of dentists <sup>4</sup> .....	6212	124.9	126.6	125.5	-	-	177.9	183.2	181.6	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>
Offices of other health practitioners <sup>4</sup> .....	6213	177.6	185.1	185.5	-	-	257.7	274.8	275.2	-	-
Offices of chiropractors <sup>4</sup> .....	62131	136.2	141.3	144.5	-	-	195.8	200.5	207.9	-	-
Offices of optometrists <sup>4</sup> .....	62132	150.3	159.9	158.3	-	-	222.1	247.2	243.4	-	-
Offices of mental health practitioners <sup>4</sup> .....	62133	137.8	143.3	146.3	-	-	166.8	175.8	180.6	-	-
Offices of specialty therapists <sup>4</sup> .....	62134	199.4	204.9	201.9	-	-	291.3	312.5	306.5	-	-
Offices of all other health practitioners <sup>4</sup> .....	62139	245.4	261.2	263.8	-	-	339.9	357.0	364.1	-	-
Outpatient care centers <sup>4</sup> .....	6214	211.9	224.1	223.9	-	-	325.8	353.9	356.7	-	-
Outpatient mental health centers <sup>4</sup> .....	62142	172.6	178.2	178.6	-	-	227.7	245.3	246.4	-	-
Outpatient care centers, except mental health <sup>4</sup> .....	62141,9	228.7	244.7	244.8	-	-	363.1	395.9	400.4	-	-
Freestanding emergency medical centers <sup>4</sup> .....	621493	243.6	270.5	270.1	-	-	374.2	415.7	414.4	-	-
Miscellaneous outpatient care centers <sup>4</sup> .....	621410,98	225.8	243.1	243.7	-	-	358.6	396.4	398.4	-	-
Medical and diagnostic laboratories <sup>4</sup> .....	6215	157.9	163.1	163.1	-	-	226.8	242.2	244.0	-	-
Medical laboratories <sup>4</sup> .....	621511	159.8	166.1	167.2	-	-	232.3	248.8	250.4	-	-
Diagnostic imaging centers <sup>4</sup> .....	621512	153.7	156.5	155.3	-	-	214.3	228.1	231.7	-	-
Home health care services <sup>4</sup> .....	6216	211.4	215.0	216.1	-	-	285.1	290.2	291.5	-	-
Other ambulatory health care services <sup>4</sup> .....	6219	162.1	160.0	162.4	-	-	258.3	262.5	265.6	-	-
Ambulance services <sup>4</sup> .....	62191	162.7	159.7	160.3	-	-	242.8	253.8	255.3	-	-
All other ambulatory health care services <sup>4</sup> .....	62199	160.1	160.6	164.0	-	-	276.9	272.7	276.9	-	-
Hospitals <sup>4</sup> .....	622	128.2	130.6	131.1	-	-	209.2	218.3	220.4	-	-
General medical and surgical hospitals <sup>4</sup> .....	6221	125.2	128.0	128.1	-	-	205.4	214.7	216.2	-	-
Nursing and residential care facilities <sup>4</sup> .....	623	119.1	120.3	120.7	-	-	163.6	169.6	170.1	-	-
Nursing care facilities <sup>4</sup> .....	6231	101.9	102.5	103.0	-	-	142.6	145.2	145.5	-	-
Residential mental health facilities <sup>4</sup> .....	6232	130.7	133.1	133.4	-	-	180.9	192.9	194.5	-	-
Residential intellectual and developmental disability facilities <sup>4</sup> .....	62321	122.2	123.5	122.9	-	-	162.4	172.1	172.4	-	-
Residential mental health and substance abuse facilities <sup>4</sup> .....	62322	152.2	155.6	157.1	-	-	220.4	235.6	238.6	-	-
Community care facilities for the elderly <sup>4</sup> .....	6233	167.4	168.0	169.2	-	-	232.3	242.1	242.9	-	-
Continuing care retirement communities <sup>4</sup> .....	623311	203.9	205.9	206.0	-	-	285.0	299.7	298.4	-	-
Assisted living facilities for the elderly <sup>4</sup> .....	623312	137.0	137.3	138.6	-	-	184.2	190.2	192.1	-	-
Other residential care facilities <sup>4</sup> .....	6239	96.9	99.4	97.6	-	-	129.4	137.1	134.6	-	-
Social assistance <sup>4</sup> .....	624	167.0	168.6	169.0	-	-	229.8	237.6	239.3	-	-
Individual and family services <sup>4</sup> .....	6241	224.9	227.5	228.1	-	-	299.7	311.4	313.5	-	-
Child and youth services <sup>4</sup> .....	62411	131.4	135.8	132.5	-	-	188.8	197.5	194.3	-	-
Services for the elderly and persons with disabilities <sup>4</sup> .....	62412	285.9	290.5	291.7	-	-	390.4	409.0	412.1	-	-
Other individual and family services <sup>4</sup> .....	62419	144.7	145.0	145.7	-	-	208.5	213.6	216.8	-	-
Emergency and other relief services <sup>4</sup> .....	6242	137.9	141.4	142.5	-	-	206.0	213.6	215.8	-	-
Vocational rehabilitation services <sup>4</sup> .....	6243	93.8	96.1	95.3	-	-	128.5	133.6	132.3	-	-
Child day care services <sup>4</sup> .....	6244	129.4	128.8	131.1	-	-	178.6	181.8	185.9	-	-
Leisure and hospitality.....		128.9	130.8	131.6	131.3	-0.2	196.0	204.8	206.4	206.8	0.2
Arts, entertainment, and recreation <sup>4</sup> .....	71	116.7	115.1	116.3	-	-	168.9	169.2	170.4	-	-
Performing arts and spectator sports <sup>4</sup> .....	711	126.0	124.4	124.7	-	-	199.1	205.5	205.5	-	-
Performing arts companies <sup>4</sup> .....	7111	107.6	119.8	119.5	-	-	198.5	236.2	235.7	-	-
Spectator sports <sup>4</sup> .....	7112	108.5	108.0	107.3	-	-	164.6	161.9	163.8	-	-
Arts and sports promoters and agents and managers for public figures <sup>4</sup> .....	7113,4	187.0	169.2	171.0	-	-	260.2	255.5	259.0	-	-
Independent artists, writers, and performers <sup>4</sup> .....	7115	123.4	111.4	117.9	-	-	208.5	190.6	197.7	-	-
Museums, historical sites, and similar institutions <sup>4</sup> .....	712	134.8	136.5	138.4	-	-	189.1	189.8	193.6	-	-
Museums <sup>4</sup> .....	71211	121.4	119.6	120.8	-	-	168.9	162.5	163.2	-	-
Historical sites and other similar institutions <sup>4</sup> .....	71212,3,9	156.4	164.0	165.8	-	-	232.1	247.1	254.5	-	-
Amusements, gambling, and recreation <sup>4</sup> .....	713	112.3	110.5	112.3	-	-	153.5	152.3	153.7	-	-
Gambling industries <sup>4</sup> .....	7132	92.6	89.3	88.1	-	-	150.2	149.0	145.6	-	-
Golf courses and country clubs <sup>4</sup> .....	71391	122.6	118.5	119.5	-	-	173.2	172.1	173.5	-	-
Skiing facilities <sup>4</sup> .....	71392	155.1	169.5	170.7	-	-	249.7	286.6	286.6	-	-
Marinas <sup>4</sup> .....	71393	133.8	131.7	135.6	-	-	196.3	187.4	189.9	-	-
Fitness and recreational sports centers <sup>4</sup> .....	71394	105.6	111.7	110.8	-	-	131.9	135.0	135.3	-	-

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Percent change from: June2018 - July2018 <sup>P</sup>	Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	July 2017		May 2018	June 2018 <sup>P</sup>	July 2018 <sup>P</sup>	Percent change from: June2018 - July2018 <sup>P</sup>	
Bowling centers <sup>4</sup> .....	71395	76.8	78.9	75.5	-	-	103.8	106.0	102.5	-	-	
Accommodation and food services <sup>4</sup> .....	72	131.0	133.6	133.9	-	-	202.8	213.3	214.6	-	-	
Accommodation <sup>4</sup> .....	721	112.5	113.8	114.5	-	-	162.7	167.6	169.1	-	-	
Traveler accommodation <sup>4</sup> .....	7211	111.0	112.3	112.4	-	-	161.8	165.7	166.6	-	-	
Hotels and motels, except casino hotels <sup>4</sup> .....	72111	115.2	115.7	115.9	-	-	169.9	173.4	174.5	-	-	
RV parks and recreational camps <sup>4</sup> .....	7212	173.2	185.2	197.9	-	-	216.9	259.4	275.0	-	-	
Food services and drinking places <sup>4</sup> .....	722	135.9	138.2	138.5	-	-	216.2	227.3	228.6	-	-	
Special food services <sup>4</sup> .....	7223	135.2	143.8	143.4	-	-	197.8	214.3	216.2	-	-	
Food service contractors <sup>4</sup> .....	72231	137.6	147.5	147.7	-	-	192.2	212.0	216.2	-	-	
Caterers and mobile food services <sup>4</sup> .....	72232,3	125.9	129.8	129.7	-	-	217.0	219.9	216.2	-	-	
Drinking places, alcoholic beverages <sup>4</sup> .....	7224	99.0	103.6	102.4	-	-	191.6	207.8	206.8	-	-	
Restaurants and other eating places <sup>4</sup> .....	7225	137.5	139.7	139.9	-	-	218.6	229.7	231.0	-	-	
Full-service restaurants <sup>4</sup> .....	722511	132.1	134.1	134.6	-	-	220.9	232.2	233.8	-	-	
Limited-service restaurants <sup>4</sup> .....	722513	141.7	143.2	144.5	-	-	211.9	221.8	224.2	-	-	
Cafeterias, grill buffets, and buffets <sup>4</sup> .....	722514	79.7	75.7	77.1	-	-	107.6	104.8	107.0	-	-	
Snack and nonalcoholic beverage bars <sup>4</sup> .....	722515	209.8	209.6	210.0	-	-	314.7	325.4	327.5	-	-	
Other services.....	81	103.1	104.4	104.7	104.6	-0.1	150.9	156.4	156.9	157.7	0.5	
Repair and maintenance <sup>4</sup> .....	811	107.9	109.5	108.8	-	-	151.2	161.5	161.2	-	-	
Automotive repair and maintenance <sup>4</sup> .....	8111	105.8	104.9	104.3	-	-	148.7	154.4	153.0	-	-	
Automotive mechanical and electrical repair <sup>4</sup> .....	81111	98.5	100.4	100.3	-	-	137.5	141.6	141.2	-	-	
General automotive repair <sup>4</sup> .....	811111	111.6	114.2	114.1	-	-	154.6	158.3	158.6	-	-	
Automotive body, interior, and glass repair <sup>4</sup> .....	811112	109.7	106.0	104.6	-	-	158.3	163.1	160.8	-	-	
Other automotive repair and maintenance <sup>4</sup> .....	81119	115.2	113.2	112.6	-	-	161.9	175.5	172.9	-	-	
Car washes <sup>4</sup> .....	811192	124.9	127.4	127.6	-	-	172.8	197.7	196.9	-	-	
Auto oil change shops and all other auto repair and maintenance <sup>4</sup> .....	811191,8	101.7	91.6	91.2	-	-	151.1	147.4	145.4	-	-	
Electronic equipment repair and maintenance <sup>4</sup> .....	8112	100.1	98.6	99.2	-	-	132.7	141.4	143.9	-	-	
Computer and office machine repair <sup>4</sup> .....	811212	84.9	93.4	98.5	-	-	104.3	124.2	129.6	-	-	
Miscellaneous electronic equipment repair and maintenance <sup>4</sup> .....	811211,3,9	111.6	101.8	100.0	-	-	153.0	152.8	154.5	-	-	
Commercial machinery repair and maintenance <sup>4</sup> .....	8113	137.2	148.2	146.0	-	-	193.2	221.9	221.6	-	-	
Household goods repair and maintenance <sup>4</sup> .....	8114	86.6	93.8	95.2	-	-	106.8	120.5	122.9	-	-	
Personal and laundry services <sup>4</sup> .....	812	107.0	109.1	109.9	-	-	153.6	157.7	158.3	-	-	
Personal care services <sup>4</sup> .....	8121	126.3	127.3	129.5	-	-	191.4	189.9	190.7	-	-	
Hair, nail, and skin care services <sup>4</sup> .....	81211	115.6	117.8	120.7	-	-	170.2	169.0	170.6	-	-	
Other personal care services <sup>4</sup> .....	81219	208.5	201.4	202.2	-	-	368.3	370.1	366.7	-	-	
Death care services <sup>4</sup> .....	8122	91.8	92.2	92.4	-	-	137.4	135.7	137.9	-	-	
Drycleaning and laundry services <sup>4</sup> .....	8123	80.5	77.7	78.2	-	-	106.4	106.3	107.1	-	-	
Coin-operated laundries and drycleaners <sup>4</sup> .....	81231	71.8	62.0	65.1	-	-	81.8	72.0	75.8	-	-	
Drycleaning and laundry services, except coin-operated <sup>4</sup> .....	81232	63.2	60.4	60.2	-	-	86.8	85.8	86.4	-	-	
Linen and uniform supply <sup>4</sup> .....	81233	104.2	104.4	104.7	-	-	130.6	134.6	134.6	-	-	
Other personal services <sup>4</sup> .....	8129	127.3	138.4	139.1	-	-	168.4	188.6	189.1	-	-	
Pet care services, except veterinary <sup>4</sup> .....	81291	363.8	383.6	380.7	-	-	396.2	452.8	451.8	-	-	
Parking lots and garages <sup>4</sup> .....	81293	126.3	133.6	134.7	-	-	189.4	193.7	193.6	-	-	
Membership associations and organizations <sup>4</sup> .....	813	99.2	100.2	100.9	-	-	150.3	154.1	155.4	-	-	
Grantmaking and giving services <sup>4</sup> .....	8132	149.5	148.7	150.1	-	-	269.6	280.2	286.1	-	-	
Grantmaking foundations <sup>4</sup> .....	813211	275.1	257.6	261.7	-	-	485.4	472.4	482.4	-	-	
Social advocacy organizations <sup>4</sup> .....	8133	123.8	126.9	127.4	-	-	212.1	228.9	231.4	-	-	
Human rights organizations <sup>4</sup> .....	813311	112.4	111.5	109.4	-	-	179.8	198.9	199.6	-	-	
Environment, conservation, and other social advocacy organizations <sup>4</sup> .....	813312,9	129.1	131.6	133.7	-	-	226.7	239.5	243.5	-	-	
Civic and social organizations <sup>4</sup> .....	8134	83.7	83.0	84.4	-	-	120.7	122.8	124.4	-	-	
Professional and similar organizations <sup>4</sup> .....	8139	97.6	105.1	105.5	-	-	148.9	164.6	164.6	-	-	
Business associations <sup>4</sup> .....	81391	99.5	98.0	96.8	-	-	161.0	159.8	155.4	-	-	

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 adjusted<sup>1</sup> — Continued**

[2002=100]

Industry	2017 NAICS code	Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
		July 2017	May 2018	June 2018 <sup>p</sup>	July 2018 <sup>p</sup>	Percent change from: June2018 - July2018 <sup>p</sup>	July 2017	May 2018	June 2018 <sup>p</sup>	July 2018 <sup>p</sup>	Percent change from: June2018 - July2018 <sup>p</sup>
Professional organizations <sup>4</sup> .....	81392	131.2	151.8	152.8	—	—	203.6	233.6	235.5	—	—
Labor unions and similar labor organizations <sup>4</sup> .....	81393	80.9	88.8	90.5	—	—	121.1	136.4	140.5	—	—
Miscellaneous professional and similar organizations <sup>4</sup> ...	81394,9	96.6	104.1	105.7	—	—	147.9	168.8	172.4	—	—

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Seasonally Adjusted Independently. See [https://www.bls.gov/web/empsit/cestn.htm#SA\\_ind](https://www.bls.gov/web/empsit/cestn.htm#SA_ind) for details.

<sup>5</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

<sup>6</sup> Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

p Preliminary