## **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]

Percent   Aug.   June   July   Aug.   June   July   Aug.   Line   July   Aug.   June   July   Aug.   Line   July   Line   July   Aug.   Line   July   Line   July			Index of aggregate weekly hours <sup>2</sup>					Index of aggregate weekly payrolls <sup>3</sup>				
Coocds-producing	Industry					Aug. 2015 <sup>p</sup>	change from: July2015 -	Aug. 2014			Aug. 2015 <sup>p</sup>	change from: July2015 -
Mining and logging	Total private		109.1	111.1	111.2	111.4	0.2	150.7	155.7	156.3	156.8	0.3
Construction.	Goods-producing		88.2	89.0	88.8	88.6	-0.2	117.0	119.7	119.4	119.3	-0.1
Manufacturing	Mining and logging		167.6	147.7	148.9	145.2	-2.5	263.3	226.6	228.6	224.3	-1.9
Durable goods	Construction	23	92.8	95.7	94.8	95.2	0.4	123.6	130.6	129.0	129.9	0.7
Wood products	Manufacturing		82.8	83.3	83.3	83.0	-0.4	106.3	108.3	108.6	108.2	-0.4
Nonmetallic mineral products.   327   74,3   75,1   74,4   76,1   2.3   9.9,9   96,5   66,6   96,5   2.0     Primary metals.   331   82,1   81,8   82,2   82,1   -0.1   10.4   10.29   10.35   10.34   -0.1     Pabricated metal products.   332   97,5   98,1   98,0   96,8   -1.2   124,5   127,1   127,5   126,4   -0.9     Machinery.   333   96,9   94,4   93,8   93,1   -0.7   128,8   125,9   125,6   124,7   -0.7     Computer and electronic products.   334   81,5   83,0   82,3   82,3   82,3   0.0   117,1   118,8   118,7   117,6   -0.9     Electrical equipment and appliances.   335   73,2   75,0   75,3   75,4   0.1   96,2   10.10   101,6   102,1   0.5     Transportation equipment.   336   23,8   83,7   80,5   80,3   -0.2   79,6   83,9   82,4   82,0   -0.5     Furniture and related products.   337   61,5   61,6   61,5   61,5   0.0   76,2   76,6   78,7   79,5   1.0     Miscellaneous durable goods manufacturing.   339   82,8   86,5   85,5   8	Durable goods		84.7	85.1	84.9	84.6	-0.4	109.6	111.3	111.2	110.8	-0.4
Primary metals	Wood products	321	70.9	68.3	69.7	69.4	-0.4	89.6	89.6	91.6	91.6	0.0
Fabricated metal products	Nonmetallic mineral products	327	74.3	75.1	74.4	76.1	2.3	92.9	96.5	96.6	98.5	2.0
Machinery.	Primary metals	331	82.1	81.8	82.2	82.1	-0.1	104.9	102.9	103.5	103.4	-0.1
Computer and electronic products.   334   81.5   83.0   82.3   82.3   82.3   82.3   82.5	Fabricated metal products	332	97.5	98.1	98.0	96.8	-1.2	124.5	127.1	127.5	126.4	-0.9
Electrical equipment and appliances.   335   73.2   75.0   75.3   75.4   0.1   96.2   10.1   10.1   10.6   10.2   0.5	Machinery	333	96.9	94.4	93.8	93.1	-0.7	128.8	125.9	125.6	124.7	-0.7
Transportation equipment. 336	Computer and electronic products	334	81.5	83.0	82.3	82.3	0.0	117.1	119.8	118.7	117.6	-0.9
Transportation equipment	·		1	75.0	75.3	75.4	0.1	96.2	101.0	1	102.1	0.5
Motor vehicles and parts   3361,23   78.1   81.3   80.5   80.3   -0.2   79.6   83.9   82.4   82.0   -0.5			1	89.7	89.0	88.7	-0.3	106.5	109.1	1	107.4	-0.6
Furniture and related products.   337   61.5   61.6   61.5   61.5   61.5   0.0   76.2   78.6   78.7   79.5   1.0   Miscellaneous durable goods manufacturing.   339   85.8   85.5   85.1   85.5   0.5   0.5   114.9   112.2   117.6   118.0   0.3   Nondurable goods.   311   99.3   100.4   102.1   101.2   0.9   122.4   126.5   128.9   128.3   0.5   Textile mills.   313   38.2   39.9   39.4   38.9   39.4   38.9   1.3   45.9   50.1   49.7   49.0   1.4   47.4   49.5   49.7   49.0   1.4   49.5   49.7   49.0   1.4   49.5   49.7   49.0   1.4   49.5   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0   1.4   49.7   49.0			1	l .						1		
Miscellaneous durable goods manufacturing.   339   85.8   86.5   85.1   85.5   0.5   114.9   118.2   117.6   118.0   0.3	•		1				· ·		1	1		
Food manufacturing. 311 99.3 100.4 102.1 101.2 -0.9 123.4 126.5 128.9 128.3 -0.5 Textile mills. 313 38.2 39.9 39.4 38.9 -1.3 45.9 50.1 49.7 49.0 49.7 49.0 -1.4 49.7 49.0 49.1 49.1 49.1 49.1 49.1 49.1 49.1 49.1	·		1	l .						1	1	
Food manufacturing. 311 99.3 100.4 102.1 101.2 -0.9 123.4 126.5 128.9 128.3 -0.5 Textile mills. 313 38.2 39.9 39.4 38.9 -1.3 45.9 50.1 49.7 49.0 49.7 49.0 -1.4 49.7 49.0 49.1 49.1 49.1 49.1 49.1 49.1 49.1 49.1	Nondurable goods		79.4	80.3	80.8	80.5	-0.4	99.9	102.6	103.8	103.5	-0.3
Textile mills		1	1	l .			· ·			1		
Textile product mills         314         52.4         50.5         50.7         51.1         0.8         64.7         61.7         62.2         63.6         2.3           Apparel.         315         37.2         38.2         38.4         38.5         0.3         55.6         57.5         57.7         57.9         0.3           Paper and paper products         322         68.0         66.2         66.0         -0.3         82.1         84.5         84.9         85.0         0.1           Printing and related support activities         323         63.9         64.2         64.8         64.8         0.0         77.2         78.6         80.4         79.7         -0.9           Petroleum and coal products         324         99.4         98.6         100.2         100.1         -0.1         152.0         158.0         162.7         162.9         0.1           Chemicals         325         94.7         96.6         96.5         95.8         95.3         96.3         95.2         -1.1         112.8         110.2         117.3         118.4         113.1         -1.3           Plastics and rubber products         326         81.9         88.5         87.7         84.3         0.	<u> </u>		1						1	1	l .	
Apparel			1								1	
Paper and paper products.       322       68.0       66.3       66.2       66.0       -0.3       82.1       84.5       84.9       85.0       0.1         Printing and related support activities.       323       63.9       64.2       64.8       64.8       0.0       77.2       78.6       80.4       79.7       -0.9         Petroleum and coal products.       324       99.4       98.6       100.2       100.1       -0.1       152.0       158.0       162.7       162.9       0.1         Chemicals.       325       94.7       96.6       96.5       95.8       -0.7       112.8       116.2       117.3       115.8       -1.3         Plastics and rubber products.       326       81.9       83.5       83.7       84.3       0.7       100.1       103.4       103.1       104.4       1.3         Miscellaneous nondurable goods manufacturing.       312,6       95.8       95.3       96.3       95.2       -1.1       113.9       110.7       115.3       110.4       1.1       117.3       110.7       115.3       110.1       110.3       110.7       117.3       117.4       0.1       161.2       166.8       167.4       168.1       0.4         Trade, tra		1	1	l .						1		
Printing and related support activities.       323       63.9       64.2       64.8       64.8       0.0       77.2       78.6       80.4       79.7       -0.9         Petroleum and coal products.       324       99.4       98.6       100.2       100.1       -0.1       152.0       158.0       162.7       162.9       0.1         Chemicals.       325       94.7       96.6       96.5       95.8       -0.7       112.8       116.2       162.9       0.1         Plastics and rubber products.       326       81.9       83.5       83.7       84.3       0.7       100.1       103.4       104.4       1.3         Miscellaneous nondurable goods manufacturing.       312.6       95.8       95.3       96.3       95.2       -1.1       113.9       110.7       115.3       113.1       -1.9         Private service-providing.       114.9       117.1       117.3       117.4       0.1       161.2       166.8       167.4       168.1       0.4         Trade, transportation, and utilities.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       99.7       101.2 </td <td>• •</td> <td></td> <td>1</td> <td>l .</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>	• •		1	l .						1		
Petroleum and coal products.       324       99.4       98.6       100.2       100.1       -0.1       152.0       158.0       162.7       162.9       0.1         Chemicals.       325       94.7       96.6       96.5       95.8       -0.7       112.8       116.2       117.3       115.8       -1.3         Plastics and rubber products.       326       81.9       83.5       83.7       84.3       0.7       100.1       103.4       103.4       104.4       1.3         Miscellaneous nondurable goods manufacturing.       312,6       95.8       95.3       96.3       95.2       -1.1       113.9       110.7       115.3       113.1       -1.9         Private service-providing.       114.9       117.1       117.1       117.3       117.4       0.1       161.2       166.8       167.4       168.1       0.4         Trade, transportation, and utilities.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Utilities.       22 <td></td> <td></td> <td>1</td> <td>l .</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>			1	l .					1			
Chemicals.       325       94.7       96.6       96.5       95.8       -0.7       112.8       116.2       117.3       115.8       -1.3         Plastics and rubber products.       326       81.9       83.5       83.7       84.3       0.7       100.1       103.4       103.1       104.4       1.3         Miscellaneous nondurable goods manufacturing.       312,6       95.8       95.3       96.3       95.2       -1.1       113.9       110.7       115.3       113.1       -1.9         Private service-providing.       114.9       117.1       117.3       117.4       0.1       161.2       166.8       167.4       168.1       0.4         Trade, transportation, and utilities.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Utilities.       22       96.6       96.	• • • • • • • • • • • • • • • • • • • •		1								1	
Plastics and rubber products.       326       81.9       83.5       83.7       84.3       0.7       100.1       103.4       103.1       104.4       1.3         Miscellaneous nondurable goods manufacturing.       312,6       95.8       95.3       96.3       95.2       -1.1       113.9       110.7       115.3       113.1       -1.9         Private service-providing.       114.9       117.1       117.3       117.4       0.1       161.2       166.8       167.4       168.1       0.4         Trade, transportation, and utilities.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Transportation and warehousing.       116.5       119.8       120.7       121.3       0.5       152.2       157.0       158.7       159.3       0.4         Utilities.       22       96.6       96.6       98.1       98.9       0.8       132.4       136.8       139.9       141.2       0.9         Information.       51       91.7       92.1<	•		1	l .						1	1	
Miscellaneous nondurable goods manufacturing.       312,6       95.8       95.3       96.3       95.2       -1.1       113.9       110.7       115.3       113.1       -1.9         Private service-providing.       114.9       117.1       117.3       117.4       0.1       161.2       166.8       167.4       168.1       0.4         Trade, transportation, and utilities.       104.6       106.1       106.3       106.4       0.1       137.0       140.7       141.4       141.9       0.4         Wholesale trade.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Transportation and warehousing.       116.5       119.8       120.7       121.3       0.5       152.2       157.0       158.7       159.3       0.4         Utilities.       22       96.6       96.6       98.1       98.9       0.8       132.4       136.8       139.9       141.2       0.9         Information.       51       91.7       92.1       92.4			1	l .					1	1	1	
Trade, transportation, and utilities.       104.6       106.1       106.3       106.4       0.1       137.0       140.7       141.4       141.9       0.4         Wholesale trade.       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade.       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Transportation and warehousing.       116.5       119.8       120.7       121.3       0.5       152.2       157.0       158.7       159.3       0.4         Utilities.       22       96.6       96.6       98.1       98.9       0.8       132.4       136.8       139.9       141.2       0.9         Information.       51       91.7       92.1       92.4       92.3       -0.1       130.5       131.6       132.3       132.9       0.5         Financial activities.       106.7       109.4       109.9       110.1       0.2       163.2       170.3       171.6       172.3       0.4         Professional and business services.       126.6       128.7       128.9       133.2       0.2 <td>•</td> <td></td> <td>1</td> <td>l .</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td>	•		1	l .					1	1	1	
Wholesale trade       42       107.4       107.8       107.9       107.6       -0.3       147.7       149.6       149.9       150.4       0.3         Retail trade       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Transportation and warehousing.       116.5       119.8       120.7       121.3       0.5       152.2       157.0       158.7       159.3       0.4         Utilities.       22       96.6       96.6       98.1       98.9       0.8       132.4       136.8       139.9       141.2       0.9         Information.       51       91.7       92.1       92.4       92.3       -0.1       130.5       131.6       132.3       132.9       0.5         Financial activities.       106.7       109.4       109.9       110.1       0.2       163.2       170.3       171.6       172.3       0.4         Professional and business services.       126.6       128.7       128.9       129.3       0.3       183.5       189.2       189.9       190.9       0.5         Education and health services.       129.3       132.6       132.9       133.2       0.2	Private service-providing		114.9	117.1	117.3	117.4	0.1	161.2	166.8	167.4	168.1	0.4
Retail trade.       99.7       101.2       101.3       101.5       0.2       123.7       128.1       128.7       129.2       0.4         Transportation and warehousing.       116.5       119.8       120.7       121.3       0.5       152.2       157.0       158.7       159.3       0.4         Utilities.       22       96.6       96.6       98.1       98.9       0.8       132.4       136.8       139.9       141.2       0.9         Information.       51       91.7       92.1       92.4       92.3       -0.1       130.5       131.6       132.3       132.9       0.5         Financial activities.       106.7       109.4       109.9       110.1       0.2       163.2       170.3       171.6       172.3       0.4         Professional and business services.       126.6       128.7       128.9       129.3       0.3       183.5       189.2       189.9       190.9       0.5         Education and health services.       129.3       132.6       132.9       133.2       0.2       184.8       193.0       193.5       194.3       0.4         Leisure and hospitality.       120.2       122.7       123.0       122.8       -0.2       165.	Trade, transportation, and utilities		104.6	106.1	106.3	106.4	0.1	137.0	140.7	141.4	141.9	0.4
Transportation and warehousing.       116.5       119.8       120.7       121.3       0.5       152.2       157.0       158.7       159.3       0.4         Utilities.       22       96.6       96.6       98.1       98.9       0.8       132.4       136.8       139.9       141.2       0.9         Information.       51       91.7       92.1       92.4       92.3       -0.1       130.5       131.6       132.3       132.9       0.5         Financial activities.       106.7       109.4       109.9       110.1       0.2       163.2       170.3       171.6       172.3       0.4         Professional and business services.       126.6       128.7       128.9       129.3       0.3       183.5       189.2       189.9       190.9       0.5         Education and health services.       129.3       132.6       132.9       133.2       0.2       184.8       193.0       193.5       194.3       0.4         Leisure and hospitality.       120.2       122.7       123.0       122.8       -0.2       165.7       172.0       173.1       173.5       0.2	Wholesale trade	42	107.4	107.8	107.9	107.6	-0.3	147.7	149.6	149.9	150.4	0.3
Utilities	Retail trade		99.7	101.2	101.3	101.5	0.2	123.7	128.1	128.7	129.2	0.4
Information.       51       91.7       92.1       92.4       92.3       -0.1       130.5       131.6       132.3       132.9       0.5         Financial activities.       106.7       109.4       109.9       110.1       0.2       163.2       170.3       171.6       172.3       0.4         Professional and business services.       126.6       128.7       128.9       129.3       0.3       183.5       189.2       189.9       190.9       0.5         Education and health services.       129.3       132.6       132.9       133.2       0.2       184.8       193.0       193.5       194.3       0.4         Leisure and hospitality.       120.2       122.7       123.0       122.8       -0.2       165.7       172.0       173.1       173.5       0.2	Transportation and warehousing		116.5	119.8	120.7	121.3	0.5	152.2	157.0	158.7	159.3	0.4
Financial activities       106.7       109.4       109.9       110.1       0.2       163.2       170.3       171.6       172.3       0.4         Professional and business services.       126.6       128.7       128.9       129.3       0.3       183.5       189.9       189.9       190.9       0.5         Education and health services.       129.3       132.6       132.9       133.2       0.2       184.8       193.0       193.5       194.3       0.4         Leisure and hospitality.       120.2       122.7       123.0       122.8       -0.2       165.7       172.0       173.1       173.5       0.2	Utilities	22	96.6	96.6	98.1	98.9	0.8	132.4	136.8	139.9	141.2	0.9
Professional and business services.       126.6       128.7       128.9       129.3       0.3       183.5       189.2       189.9       190.9       0.5         Education and health services.       129.3       132.6       132.9       133.2       0.2       184.8       193.0       193.5       194.3       0.4         Leisure and hospitality.       120.2       122.7       123.0       122.8       -0.2       165.7       172.0       173.1       173.5       0.2	Information	51	91.7	92.1	92.4	92.3	-0.1	130.5	131.6	132.3	132.9	0.5
Education and health services	Financial activities.		106.7	109.4	109.9	110.1	0.2	163.2	170.3	171.6	172.3	0.4
Leisure and hospitality	Professional and business services		126.6	128.7	128.9	129.3	0.3	183.5	189.2	189.9	190.9	0.5
	Education and health services		129.3	132.6	132.9	133.2	0.2	184.8	193.0	193.5	194.3	0.4
Other services	Leisure and hospitality		120.2	122.7	123.0	122.8	-0.2	165.7	172.0	173.1	173.5	0.2
	Other services.	81	100.1	100.7	101.1	101.1	0.0	135.5	138.7	139.1	139.8	0.5

<sup>&</sup>lt;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>&</sup>lt;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>&</sup>lt;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>&</sup>lt;sup>4</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

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