THE CONNECTICUT

ECONOMIC DIGEST

Vol.22 No.8 A joint publication of the Connecticut Department of Labor & the Connecticut Department of Economic and Community Development

AUGUST 2017

IN THIS ISSUE...

Covered Employment and Wages: A 2016 Annual Review1-5

Economic Indicators	
on the Overall Economy	5
Individual Data Items 6-8	8
Comparative Regional Data	9
Economic Indicator Trends 10-1	
Help Wanted OnLine1	5
Business and Employment Changes	
Announced in the News Media 19	9
Labor Market Areas:	
Nonfarm Employment 12-1	7
Sea. Adj. Nonfarm Employment14	
Labor Force18	
Hours and Earnings19	9
Cities and Towns:	
Labor Force 20-2	1
Housing Permits2	2
Technical Notes2	3

In June...

At a Glance 24

Nonfarm Employment
Connecticut1,694,200
Change over month +0.41%
Change over year +0.9%
United States 446 404 000
United States146,404,000
Change over month +0.15%
Change over year +1.6%
Unemployment Rate Connecticut5.0% United States4.4%
Consumer Price Index
United States 244.955
Ob

Covered Employment and Wages: A 2016 Annual Review

By Jonathan Kuchta, Research Analyst, DOL, jonathan.kuchta@ct.gov

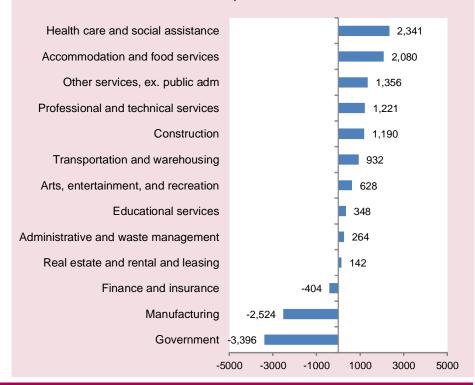
he number of jobs covered by Connecticut
Unemployment Insurance (UI) increased by 0.2 percent during 2016, according to most recent data published from the Quarterly Census of Employment and Wages (QCEW) program. This increase continues the trend started in 2011. Total private industry employment, constituting 86.1 percent of the state's employment total, increased by 0.5 percent. Total government

employment decreased by 1.4 percent year-over-year.

Average annual wages for all Connecticut jobs increased by 0.5 percent to \$65,869, much like in 2015. In 2016, private sector wages increased by 0.4 percent to \$66,579; government wages increased 0.9 percent to \$61,458.

The number of business establishments expanded for the fifth year in a row, with a new total of 117,337, an increase of 0.9 percent over 2015. Total private establishments

Graph 1: Industry Employment Change by Sector, 2015-16



THE CONNECTICUT ECONOMIC DIGEST

The Connecticut Economic Digest is published monthly by the Connecticut Department of Labor, Office of Research, and the Connecticut Department of Economic and Community Development. Its purpose is to regularly provide users with a comprehensive source for the most current, up-to-date data available on the workforce and economy of the state, within perspectives of the region and nation.

The annual subscription is \$50. Send subscription requests to: *The Connecticut Economic Digest*, Connecticut Department of Labor, Office of Research, 200 Folly Brook Boulevard, Wethersfield, CT 06109-1114. Make checks payable to the Connecticut Department of Labor. Back issues are \$4 per copy. The Digest can be accessed free of charge from the DOL Web site. Articles from *The Connecticut Economic Digest* may be reprinted if the source is credited. Please send copies of the reprinted material to the Managing Editor. The views expressed by the authors are theirs alone and may not reflect those of the DOL or DECD.

Managing Editor: Jungmin Charles Joo Associate Editor: Erin C. Wilkins

We would like to acknowledge the contributions of many DOL Research and DECD staff and Rob Damroth to the publication of the Digest.

Connecticut Department of Labor

Scott D. Jackson, Commissioner Kurt Westby, Deputy Commissioner

Andrew Condon, Ph.D., Director
Office of Research
200 Folly Brook Boulevard
Wethersfield, CT 06109-1114
Phone: (860) 263-6275
Fax: (860) 263-6263
E-Mail: dol.econdigest@ct.gov
Website: http://www.ctdol.state.ct.us/lmi

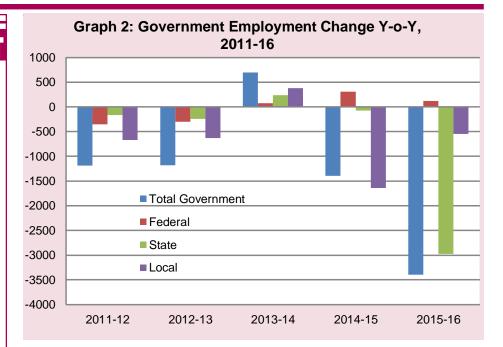
Connecticut Department of Economic and Community Development

Catherine Smith, Commissioner Tim Sullivan, Deputy Commissioner Bart Kollen, Deputy Commissioner

505 Hudson Street Hartford, CT 06106-2502 Phone: (860) 270-8000 Fax: (860) 270-8200 E-Mail: decd@ct.gov

Connecticut

Website: http://www.decd.org



represented the entirety of the increase, reaching 113,944 in 2016. Government worksites decreased 0.9 percent in the state, from 3,425 in 2015 to 3,393 in 2016.

Employment

Looking at the sectors with notable gains in 2016, several sectors continued to improve from their 2015 levels. The construction, health care and social assistance, and accommodation and food services sectors all showed solid increases. Health care and social assistance was the largest gainer this year, expanding by 2,341 jobs. Also notably showing improvement were the accommodations and construction sectors, with 2,080 and 1,190 more jobs than in 2015.

One quarter of the sectors declined in 2016, led by government with a loss of 3,396, and manufacturing with a drop of 2,524. As Graph 1 shows, manufacturing remains a declining sector but the majority of the change in manufacturing shown in 2016 can be attributed to industry classification changes for some large employers, moving them to other sectors in the

Connecticut economy. These classification changes are based on employer-supplied responses to ongoing business activities through the Annual Refiling Survey (ARS).

Much of the loss in government was due to layoffs and retirements: this trend is expected to continue into the 2017 annual data. This is an increase in the rate of government employment decline, with a loss over 2,000 greater than in 2015. This decline is almost entirely due to state government, rather than local government as in prior years (Graph 2). Within state government, these losses are found primarily in education and public administration, with health care and social assistance also showing notable declines at greater than 4.0 percent between 2015 and 2016.

The Bureau of Labor Statistics (BLS) aggregates the North American Industrial Classification System (NAICS) sectors to form the top level goods-producing and serviceproviding "domains." Goodsproducing sectors include agriculture, forestry, fishing, and hunting; mining; construction;

-continued on page 5-

CT UI Covered Employment and Wages by NAICS Sector for 2015 and 2016** Establishments **Employment** Wages NAICS Description 2015 2016 15-16 2015 2016 15-16 Chg 2015 2016 15-16 % Cha No. % Chg Statewide 116.246 117.337 0.9 1.662.822 1.666.580 3,758 0.2 \$65,526 \$65,869 0.5 **Total private** 112,822 113,944 1.0 1,428,392 1,435,545 7,153 0.5 \$66,284 \$66,579 0.4 **Goods-producing** 14,414 14,467 0.4 226,730 225,131 -1.599 -0.7 \$75.003 \$75.536 0.7 1,441,449 Service-providing 101.832 102.870 1.436.092 5.357 0.4 \$64,030 \$64,473 0.7 1.0 11 Agriculture, forestry, fishing and hunting \$32,599 \$34,514 4,891 Crop production.... 191 197 3.1 3.406 3,262 -144 -4.2 \$29,960 \$32,241 7.6 1,088 112 Animal production..... 98 102 4.1 1.105 17 1.6 \$40.077 \$40,441 0.9 0.0 28.6 \$22,882 \$22,447 Forestry and logging..... -1.9 11 10 -9.1 46 52 6 13.0 \$68,536 \$65,569 -4.3 114 Fishing, hunting and trapping..... 70 345 -34 115 Agriculture and forestry support activities..... 68 2.9 311 -9.9 \$30,486 \$32,510 6.6 \$71,940 21 Mining -7.5 0.5 53 49 553 556 \$71.555 0.5 44 212 Mining, except oil and gas..... 42 -45 520 527 1.3 \$68,170 \$71,807 5.3 Support activities for mining..... -22.2 33 29 -12.1 \$125,282 \$74,349 -40.7 139 137 5,611 5,626 \$116,841 \$111,987 15 137 5.626 0.3 \$116.841 -4.2 23 Construction \$66,552 9,304 9,385 0.9 57,913 59,103 1,190 2.1 \$64,247 Construction of buildings..... 2,475 -120 \$68,936 \$70,705 2.6 4.2 11,263 11,143 Heavy and civil engineering construction..... 448 444 -0.9 6,221 6,460 239 3.8 \$86,185 \$93,209 8.1 Specialty trade construction..... 6,480 6,466 -0.240,429 41,501 1,072 2.7 \$59,565 \$61,288 2.9 158,955 -2,524 31-33 Manufacturing 156,431 \$80.504 \$79,462 311 Food manufacturing..... 334 348 4.2 7,574 7,803 229 3.0 \$43,082 \$43,788 1.6 17.1 1,537 \$55.820 1,703 166 10.8 \$57,148 -2.3Beverage and tobacco product manufacturing....... 76 89 23 22 -4.3 703 699 -0.6 \$62,830 \$64,060 2.0 Textile mills..... Textile product mills..... 87 84 -3.4 1,196 1,212 16 1.3 \$52,825 \$54,655 3.5 315 Apparel manufacturing..... 12 11 -8.3 135 128 -7 -5.2 \$31,927 \$33,520 5.0 Leather and allied product manufacturing..... Wood product manufacturing..... 108 105 -2.8 1,253 1,188 -65 -5.2 5.7 321 \$43.681 \$46.172 -6.4 3,157 2,973 -184 -5.8 \$70,655 \$69,455 Paper manufacturing..... 78 -1.7 Printing and related support activities 344 347 0.9 5,139 5,331 192 3.7 \$56,135 \$58,176 3.6 Petroleum and coal products manufacturing..... 324 174 170 -2.3 9,781 7,597 -2,184 -22.3 \$138,517 \$122,918 Chemical manufacturing..... 5.635 Plastics and rubber products manufacturing..... 166 159 -42 5 600 35 0.6 \$59 308 \$59 192 -0.2 Nonmetallic mineral product manufacturing..... 327 142 141 -0.7 2,311 2,312 0.0 \$57,798 \$60,138 4.0 Primary metal manufacturing..... 73 75 2.7 3,693 3,662 -31 -0.8 \$65,474 \$67,786 3.5 -0.2 1.171 -1.0 29.183 -50 \$67.716 \$67.821 Fabricated metal product manufacturing..... 1.183 29.233 0.2 438 -2.5 13,543 -589 -4.2 \$87,001 \$85,009 -2.3 Machinery manufacturing..... 427 14,132 334 Computer and electronic product manufacturing...... 305 297 -2.6 12.267 11,644 -623 -5.1 \$72,103 \$73,858 2.4 Electrical equipment and appliance manufacturing..... 155 151 -2.6 8,522 8,253 -269 -3.2 \$82,284 \$88,838 8.0 Transportation equipment manufacturing..... 239 -1.2 40,703 41,756 1,053 2.6 \$99,746 \$98,875 -0.9 220 216 -1.8 2,602 2.611 \$50,606 \$52,100 Furniture and related product manufacturing..... 0.3 3.0 323 322 -0.3 8,922 8,654 -268 -3.0 \$64,362 \$66,449 3.2 Miscellaneous manufacturing..... 10,255 42 Wholesale trade 10.238 0.2 62.511 62.527 16 0.0 \$92,736 \$93,658 1.0 423 Merchant wholesalers, durable goods..... 2.510 2.854 13.7 28.576 29.119 543 1.9 \$83,363 \$86,107 3.3 Merchant wholesalers, nondurable goods..... 1,152 1,323 14.8 19,741 19,624 -117 -0.6 \$73,257 \$76,290 4.1 424 Electronic markets and agents and brokers..... 6.576 6.078 -7.6 14.194 13.784 -410 -2.9 \$138.696 \$134,334 -3.1 12,733 12,696 -0.3 184.699 184.616 -83 0.0 \$32.969 \$33,228 0.8 Motor vehicle and parts dealers..... 1,211 1,169 -3.5 21,193 21,434 241 \$53,119 \$53,550 0.8 653 -0.9 6,188 6,173 -15 -0.2 \$39,166 \$40,595 3.6 Furniture and home furnishings stores..... 659 -0.2 443 Electronics and appliance stores..... 570 592 3.9 5.972 5.959 -13 \$45.513 \$45,291 -0.5444 Building material and garden supply stores..... 827 814 -1.6 15.031 15.272 241 1.6 \$37,764 \$38.236 1.2 Food and beverage stores..... 2 414 2 414 0.0 44,420 44,025 -395 -0.9 \$25,748 \$26,415 26 1 265 13 384 279 21 \$37.793 \$38,134 446 Health and personal care stores..... 1 327 49 13.105 0.0 -1.7 6,273 63 \$23,844 \$23,900 Gasoline stations..... 1.043 6.210 1.0 0.2 1.654 17.650 -169 -0.9 \$22.678 \$22,426 Clothing and clothing accessories stores..... 1.670 -1.0 17.819 -1.1 Sporting goods, hobby, book and music stores...... 683 678 -0.77,248 7,047 -201 -2.8 \$19,987 \$20,484 2.5 General merchandise stores..... 491 482 -1.8 28,949 29,010 61 0.2 \$22,260 \$22,446 0.8 1,186 \$24,013 453 1,187 0.1 9.451 9.380 -71 -0.8 \$23,919 Miscellaneous store retailers..... 0.4 -1.9 9,009 -103 \$74,098 \$71,309 -3.8 Nonstore retailers..... 696 683 9,112 -1.1 48-49 Transportation and warehousing 1,943 1,943 43,737 44,669 932 \$47,346 \$47,677 0.7 55 57 13 1.3 \$70,864 \$78,382 10.6 Air transportation..... 3.6 969 982 Rail transportation..... Water transportation..... 34 33 -29 785 760 -25 -3.2 \$101.171 \$89,469 -11.6 Truck transportation..... 730 725 -0.7 6.924 7.112 188 2.7 \$53.040 \$54.822 3.4 485 407 415 20 14 725 14 601 -124 -0.8 \$33 180 \$33,942 23 Transit and ground passenger transportation...... 0.0 163 166 1.8 \$122,486 \$124,549 1.7 Pipeline transportation..... 3 10 Scenic and sightseeing transportation..... 18 21 16.7 164 174 6.1 \$21,706 \$21,388 -1.5 335 -2.6 3.479 3.429 -50 \$88,369 Support activities for transportation..... \$84,677 -4.2

Postal service....

CT UI Covered Employment and Wages by NAICS Sector for 2015 and 2016** (Cont.)

	Est	ablishmen	its	Employment		Wages				
NAICS Description	2015	2016	15-16	2015	2016	15-16		2015	2016	15-16
400 0	405	000	% Chg	0.004	7.004	No.	%	¢40,000	£40.000	% Chg
492 Couriers and messengers	195	202 145	3.6	6,984	7,231	247 675	3.5 7.1	\$42,662	\$42,680	
493 Warehousing and storage	149	145	-2.7	9,516	10,191	6/5	7.1	\$45,861	\$46,553	1.5
51 Information	1,994	2,020	1.3	32,352	32,336	-16	0.0	\$99,265	\$102,317	3.1
511 Publishing industries, except Internet	568	687	21.0	8,312	8,667	355	4.3	\$97,813	\$97,676	-0.1
512 Motion picture and sound recording industries	445	348	-21.8	4,496	4,441	-55	-1.2	\$94,125	. ,	
515 Broadcasting, except Internet	98	97	-1.0	6,300	6,187	-113	-1.8	\$127,068	\$133,331	4.9
517 Telecommunications	324	300	-7.4	9,125	8,764	-361	-4.0	\$91,298	\$96,658	
518 ISPs, search portals, and data processing	155	161	3.9	1,609	1,493	-116	-7.2	\$82,972	\$88,329	
519 Other information services	404	427	5.7	2,509	2,784	275	11.0	\$82,899	\$85,443	3.1
52 Finance and insurance	7,091	7,104	0.2	108.155	107,751	-404	-0.4	\$165,548	\$165,271	-0.2
521 Monetary authorities - central bank	*	0,104	*	*	0	*	*	ψ100,040 *	\$0	*
522 Credit intermediation and related activities	2,174	2,134	-1.8	25,672	24,888	-784	-3.1	\$110,936		4.2
523 Securities, commodity contracts, investments	2,356	2,403	2.0	25,452	26,049	597	2.3	\$302,241	\$294,735	
524 Insurance carriers and related activities	2,525	2,530		57,031	56,813	-218	-0.4	\$129,108	. ,	
525 Funds, trusts, and other financial vehicles	*	37	*	*	0	*	*	*	\$0	
				40.00=				400		
53 Real estate and rental and leasing	3,506 2,931	3,551	1.3	19,865 14,759	20,007	142 178	0.7 1.2	\$69,555 \$70,124		
531 Real estate	2,931	2,985	1.8	14,759	14,937	1/0	1.2	\$70,124	\$71,174 *	1.5
532 Rental and leasing services	*	*	*	*	*	*	*	*	*	*
333 Lessors of Horninancial intangible assets										
54 Professional and technical services	13,797	13,825	0.2	95,690	96,911	1,221	1.3	\$99,129		
541 Professional and technical services	13,797	13,825	0.2	95,690	96,911	1,221	1.3	\$99,129	\$101,263	2.2
55 Management of companies and enterprises	1,073	1,129	5.2	32,888	32,915	27	0.1	\$162,508	\$163,372	0.5
551 Management of companies and enterprises	1,073	1,129		32,888	32,915	27	0.1	\$162,508	\$163,372	
Wanagement of companies and ontorprises	1,070	1,120	0.2	02,000	02,010	_,	0.1	Ψ102,000	Ψ100,012	0.0
56 Administrative and waste management	7,545	7,638	1.2	88,087	88,351	264	0.3	\$44,024		
561 Administrative and support activities	7,056		1.4	82,243	82,502	259	0.3	\$43,027	\$42,944	
562 Waste management and remediation services	489	485	-0.8	5,844	5,849	5	0.1	\$58,052	\$59,048	1.7
61 Educational services	1,786	1,863	4.3	56,564	56,912	348	0.6	\$62,599	\$62,765	0.3
611 Educational services	1,786	1,863		56,564	56,912	348	0.6	\$62,599	. ,	
62 Health care and social assistance	10,569	10,712		262,490	264,831	2,341	0.9	\$50,407	\$51,053	
621 Ambulatory health care services	6,850	6,915		87,576	88,681	1,105	1.3	\$65,693		
622 Hospitals	64 1,362	67 1,384	4.7	58,552 62,878	58,371 62,686	-181 -192	-0.3 -0.3	\$65,745 \$35,348		
623 Nursing and residential care facilities	2,293	2,346	1.6 2.3	53,484	55,093	1,609	3.0	\$26,288	\$35,680 \$26,728	
024 300ldi d55i5tdi108	2,293	2,340	2.3	33,404	33,093	1,009	3.0	φ20,200	\$20,720	1.7
71 Arts, entertainment, and recreation	1,812	1,831	1.0	26,715	27,343	628	2.4	\$27,968	\$28,179	0.8
711 Performing arts and spectator sports	555	556	0.2	4,070	4,148	78	1.9	\$47,046		
712 Museums, historical sites, zoos, and parks	123	123	0.0	2,186	2,263	77	3.5	\$33,070	\$32,934	
713 Amusement, gambling, and recreation	1,134	1,152	1.6	20,460	20,932	472	2.3	\$23,628	\$23,894	1.1
72 Accommodation and food services	8,401	8,418	0.2	124,456	126.536	2,080	1.7	\$20,597	\$21,284	3.3
721 Accomodation	467	475		11,764	11,660	-104	-0.9	\$29,111		
722 Food services and drinking places	7,934	7,943		112,692	114,876	2,184				
81 Other services, except public administration	15,333	15,945		61,686	,	1,356	2.2	\$32,683 \$44,175		
811 Repair and maintenance	2,547 3,508	2,550 3,549		13,549 20,786	13,619 21,576	70 790	0.5 3.8	\$44,175 \$26,171	\$44,721 \$26,410	1.2 0.9
813 Membership associations and organizations	2,153	3,549 2,169	0.7	15,037	15,083	790 46	0.3	\$40,068		1.0
814 Private households	7,125	7,677	7.7	12,314	12,764	450	3.7	\$22,012	\$21,856	
	7,120	1,017		. 2,017	.2,104	100	0.7	Ψ_L,012	\$21,000	0.7
Total government	3,425	3,393		234,430	231,034	-3,396	-1.4	\$60,908	,	
Federal	549	543	-1.1	17,719	17,841	122	0.7	\$74,122	\$73,242	
State	671	653	-2.7	67,002	64,029	-2,973	-4.4	\$68,427	\$69,953	
Local	2,205	2,197	-0.4	149,709	149,164	-545	-0.4	\$55,979	\$56,402	0.8

^{*} Nondisclosable

To view additional QCEW program data on a more detailed geographic level, visit the Connecticut Department of Labor's website for labor market information at http://www.ctdol.state.cu.us/lmi.

^{**} These data are derived from unemployment insurance program reports supplemented by other sources. The industry employment figures will differ from the monthly sample-based nonfarm employment estimates due to the differences in employment coverages and methods used to produce the data.

Table 1: 2016 Annual Wages in Northeast States

State/Region	Annual Wage
New York	\$67,943
Massachusetts	\$67,429
Connecticut	\$65,875
New Jersey	\$62,772
U.S. TOTAL	\$53,611
New Hampshire	\$53,559
Rhode Island	\$51,446
Vermont	\$45,037
Maine	\$42,602

Source: Quarterly Census of Employment and Wages - BLS 2016 Annual Averages, All establishment sizes

-continued from page 2-

and manufacturing. The remaining sectors are aggregated into the service-providing domain.

For 2016, the goodsproducing domain encompassed 13.5 percent of total covered employment, with the remaining 86.5 percent in the serviceproviding domain. The goodsproducing domain employment shrank by 1,599, with serviceproviding employment growing by 0.4 percent, or 5,357, at the same time.

Wages

Connecticut average annual wages varied greatly among industries and within each sector in 2016. It should be noted that

much of this difference in pay level can be attributed to factors, such as hours worked (full- or part-time), workforce composition, wages including bonuses or stock options, and seasonal and weather related influences.

The highest annual average wage, found in the finance and insurance sector, was \$165,271 -2.5 times the state average. Those in the securities, commodity contracts and investments subsector earned an average of \$294,735 in 2016. The management sector was not far behind finance and insurance at \$163,372. Overall, wages showed minimal growth at 0.5

percent, with only four sectors showing more than three percent growth, with utilities and manufacturing showing small declines.

At the other end of the spectrum, accommodation and food services earned the least, at \$21,284. This increase of 3.3 percent was greater than the state average, though it is heavily influenced by part-time jobs. Next were arts, entertainment and recreation at \$28,179, and other services, except public administration at \$32,808 in annual wages.

In 2016, most sectors experienced minimal wage growth. Goods-producing wages showed small gains with a 0.7 percent increase over 2015, at \$75,536, and a 14.7 percent premium over the statewide annual average. Serviceproviding wages showed similar growth at \$64,473, an increase of 0.7 percent on an annual basis. Connecticut continues to maintain comparable annual wages to nearby states in the Northeast, coming third behind only New York and Massachusetts (Table 1), and offering a 22.8 percent premium over the U.S. average. ■

GENERAL ECONOMIC INDICATORS

	1Q	1Q	CHANGE	4Q
(Seasonally adjusted)	2017	2016	NO. %	2016
General Drift Indicator (1996=100)*				_
Leading	117.5	119.0	-1.5 -1.3	118.2
Coincident	117.2	117.3	-0.1 -0.1	117.5
Farmington Bank Business Barometer (1992=100)**	135.8	134.9	0.9 0.6	136.5
Philadelphia Fed's Coincident Index (July 1992=100)***	Jun	Jun		May
(Seasonally adjusted)	2017	2016		2017
Connecticut	180.55	175.69	4.86 2.8	180.60
United States	181.78	176.82	4.96 2.8	181.46

Sources: *Dr. Steven P. Lanza, University of Connecticut **Farmington Bank ***Federal Reserve Bank of Philadelphia

General Drift Indicators are composite measures of the four-quarter change in three coincident (Connecticut Manufacturing Production Index, nonfarm employment, and real personal income) and three leading (housing permits, manufacturing average weekly hours, and initial unemployment claims) economic variables, and are indexed so

The Farmington Bank Business Barometer is a measure of overall economic growth in the state of Connecticut that is derived from non-manufacturing employment, real disposable personal income, and manufacturing production.

The Philadelphia Fed's Coincident Index summarizes current economic condition by using four coincident variables: nonfarm payroll employment, average hours worked in manufacturing, the unemployment rate, and wage and salary disbursements deflated by the consumer price index (U.S. city average).