

News Release

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Release #6111

Online Labor Demand Declined in July

- **HWOL Index declined slightly in July, after remaining virtually flat in June**
- **Most occupations experienced small declines over the month**

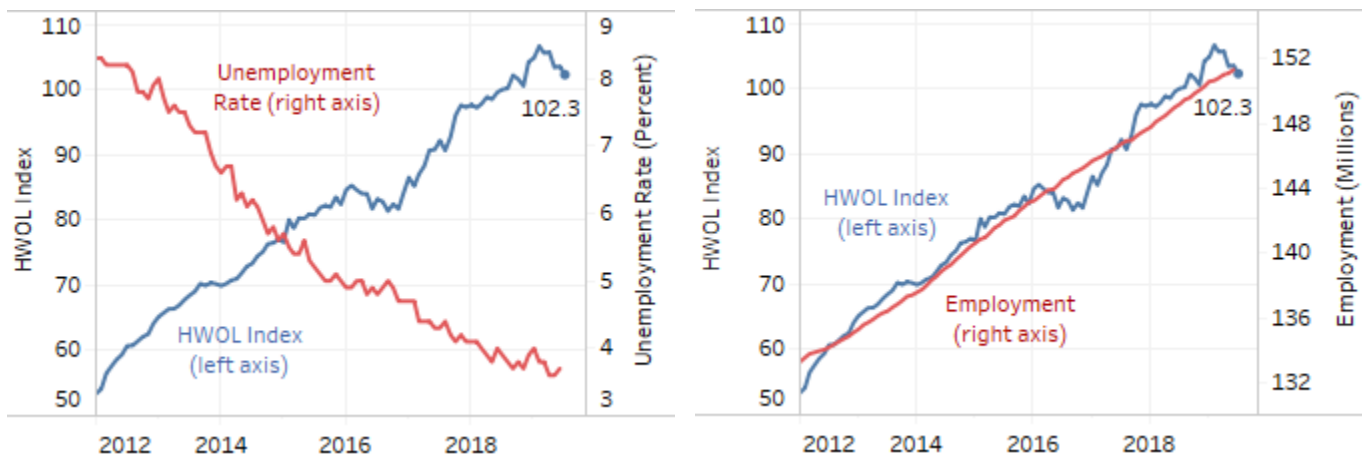
NEW YORK, August 5, 2019...*The Conference Board Help Wanted OnLine® (HWOL) Index* declined in July and now stands at 102.3 (July 2018=100), down from 103.5 in June. The Index declined 0.1 percent from the prior month but is up 2.3 percent from a year ago.

In the Midwest, Minnesota declined 1.6 percent and Ohio increased 1.2 percent. In the Northeast, Pennsylvania fell 2.5 percent and New York declined 2.0 percent. In the South, Texas fell 2.2 percent and South Carolina declined 2.1 percent. In the West, Montana declined 2.7 percent and Oregon fell 2.1 percent.

The Professional occupational category experienced declines in Business and Financial Operations (-2.4 percent) and Legal (-1.3 percent). The Services/Production occupational category experienced declines in Protective Services (-4.7 percent), Personal Care and Services (-1.8 percent), and Production (-1.3 percent).

Help Wanted OnLine™ (HWOL) Index: United States, seasonally adjusted, July 2019

[July 2018=100]



Sources: The Conference Board, Bureau of Labor Statistics
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The release schedule, national historic table and technical note are available on The Conference Board website, <http://www.conference-board.org/data/helpwantedonline.cfm>. The underlying data for The Conference Board HWOL is collected by CEB, Inc.

Table 1. HWOL Index: Selected areas, seasonally adjusted, July 2019

[July 2018=100]

Area	HWOL Index ¹			Percent Change		
	May 2019 ^r	Jun. 2019 ^r	Jul. 2019 ^p	1-month		12-month
				May 2019- Jun. 2019	Jun. 2019- Jul. 2019	Jul. 2018- Jul. 2019
United States	103.4	103.5	102.3	0.1	-1.2	2.3
Census Divisions²						
New England	108.0	107.7	106.1	-0.3	-1.4	6.1
Middle Atlantic.....	102.8	103.2	101.2	0.4	-1.9	1.2
East North Central	101.4	101.5	101.2	0.2	-0.3	1.2
West North Central	103.8	103.6	102.4	-0.2	-1.2	2.4
South Atlantic.....	105.3	106.1	105.0	0.7	-1.0	5.0
East South Central	103.9	103.9	103.1	0.0	-0.8	3.1
West South Central	102.0	101.7	99.8	-0.3	-1.9	-0.2
Mountain	102.8	103.2	101.2	0.4	-1.9	1.2
Pacific	102.0	101.3	100.3	-0.7	-1.0	0.3
States and MSAs³						
Alabama.....	107.9	107.2	106.4	-0.7	-0.7	6.4
Birmingham.....	106.7	107.7	106.2	0.9	-1.4	6.2
Alaska	101.7	104.0	103.1	2.2	-0.9	3.1
Arizona.....	105.5	104.4	102.3	-1.0	-2.1	2.3
Phoenix.....	107.9	107.0	105.2	-0.9	-1.6	5.2
Tucson	103.2	103.4	99.7	0.2	-3.5	-0.3
Arkansas.....	94.8	95.1	95.0	0.3	-0.1	-5.0
California.....	99.3	98.5	97.5	-0.8	-1.0	-2.5
Los Angeles	101.5	100.4	99.0	-1.1	-1.4	-1.0
Riverside	96.4	94.8	93.2	-1.7	-1.6	-6.8
Sacramento.....	97.9	98.1	98.6	0.1	0.5	-1.4
San Diego.....	103.2	102.7	102.4	-0.5	-0.3	2.4
San Francisco	97.7	97.4	96.0	-0.3	-1.4	-4.0
San Jose	100.6	100.7	100.2	0.1	-0.5	0.2
Colorado	106.1	108.5	106.9	2.3	-1.4	6.9
Denver	105.0	108.0	106.5	2.9	-1.4	6.5
Connecticut.....	109.3	109.7	109.0	0.4	-0.7	9.0
Hartford	113.9	111.3	110.3	-2.3	-0.9	10.3
Washington, DC.....	108.1	108.3	106.8	0.2	-1.4	6.8
Delaware.....	97.8	95.1	95.6	-2.8	0.5	-4.4
Florida.....	103.0	103.6	103.1	0.6	-0.5	3.1
Jacksonville	104.1	105.4	104.7	1.2	-0.6	4.7
Miami	101.4	102.2	101.6	0.8	-0.6	1.6
Orlando.....	106.7	107.0	107.2	0.3	0.2	7.2
Tampa.....	104.7	103.7	103.5	-1.0	-0.1	3.5
Georgia	105.4	106.9	106.2	1.4	-0.6	6.2
Atlanta	103.4	103.9	103.4	0.5	-0.4	3.4
Hawaii.....	101.3	102.1	101.3	0.8	-0.8	1.3
Honolulu	104.1	104.3	103.8	0.2	-0.5	3.8
Idaho.....	100.9	101.2	100.5	0.3	-0.7	0.5

Area	HWOL Index ¹			Percent Change		
				1-month		12-month
	May 2019 ^r	Jun. 2019 ^r	Jul. 2019 ^p	May 2019- Jun. 2019	Jun. 2019- Jul. 2019	Jul. 2018- Jul. 2019
Illinois	101.8	102.2	100.8	0.4	-1.4	0.8
Chicago	102.1	102.0	100.7	-0.2	-1.2	0.7
Indiana.....	99.3	98.3	97.2	-0.9	-1.1	-2.8
Indianapolis.....	100.8	99.5	98.3	-1.3	-1.3	-1.7
Iowa.....	100.3	99.9	99.0	-0.3	-1.0	-1.0
Kansas.....	103.3	100.9	99.8	-2.3	-1.2	-0.2
Kentucky.....	105.1	102.1	101.7	-2.9	-0.4	1.7
Louisville	100.3	100.0	98.2	-0.4	-1.8	-1.8
Louisiana.....	104.4	104.1	104.0	-0.3	-0.1	4.0
New Orleans.....	109.5	107.0	105.2	-2.3	-1.7	5.2
Maine.....	112.8	111.5	111.3	-1.2	-0.2	11.3
Maryland.....	103.8	102.9	102.6	-0.9	-0.3	2.6
Baltimore	103.3	101.1	102.1	-2.1	1.0	2.1
Massachusetts.....	106.2	106.0	104.1	-0.2	-1.8	4.1
Boston	106.9	106.4	104.4	-0.5	-1.9	4.4
Michigan	96.9	96.7	96.9	-0.3	0.2	-3.1
Detroit	94.7	94.1	94.8	-0.6	0.8	-5.2
Minnesota.....	105.3	105.2	103.5	-0.1	-1.6	3.5
Minneapolis-St. Paul.....	104.7	104.4	103.1	-0.3	-1.2	3.1
Mississippi.....	98.3	99.9	98.8	1.6	-1.1	-1.2
Missouri	107.0	107.0	106.1	0.0	-0.9	6.1
Kansas City.....	103.3	103.1	102.1	-0.2	-0.9	2.1
St. Louis.....	105.5	105.1	105.5	-0.4	0.4	5.5
Montana	92.8	91.7	89.2	-1.2	-2.7	-10.8
Nebraska.....	98.5	98.2	97.2	-0.3	-1.0	-2.8
Nevada.....	98.0	100.0	97.9	2.0	-2.0	-2.1
Las Vegas	102.1	103.6	101.6	1.5	-1.9	1.6
New Hampshire.....	108.7	108.0	106.5	-0.6	-1.4	6.5
New Jersey.....	102.8	101.8	100.7	-1.0	-1.1	0.7
New Mexico	107.7	108.9	109.0	1.1	0.1	9.0
New York.....	101.6	102.0	99.9	0.3	-2.0	-0.1
Buffalo	98.5	97.8	96.5	-0.7	-1.3	-3.5
New York	101.4	100.9	98.7	-0.4	-2.2	-1.3
Rochester.....	106.9	109.4	110.7	2.3	1.2	10.7
North Carolina.....	108.0	108.3	106.5	0.2	-1.6	6.5
Charlotte.....	114.3	113.6	111.7	-0.6	-1.7	11.7
North Dakota.....	101.9	104.3	104.1	2.4	-0.2	4.1
Ohio.....	100.3	101.4	102.6	1.1	1.2	2.6
Cincinnati.....	103.1	102.7	102.9	-0.4	0.2	2.9
Cleveland	99.9	99.5	99.6	-0.4	0.1	-0.4
Columbus.....	99.9	100.4	102.2	0.4	1.9	2.2
Oklahoma.....	96.1	93.9	92.5	-2.3	-1.6	-7.5
Oklahoma City.....	92.8	90.4	88.8	-2.6	-1.8	-11.2
Oregon.....	100.7	101.0	98.8	0.2	-2.1	-1.2

Area	HWOL Index ¹			Percent Change		
				1-month		12-month
	May 2019 ^r	Jun. 2019 ^r	Jul. 2019 ^p	May 2019- Jun. 2019	Jun. 2019- Jul. 2019	Jul. 2018- Jul. 2019
Portland	100.1	99.8	98.5	-0.3	-1.3	-1.5
Pennsylvania	103.4	104.7	102.1	1.2	-2.5	2.1
Philadelphia	106.1	106.8	105.3	0.7	-1.4	5.3
Pittsburgh	101.0	100.2	96.7	-0.8	-3.5	-3.3
Rhode Island	102.5	101.8	100.0	-0.7	-1.8	0.0
Providence	105.3	105.7	103.9	0.4	-1.7	3.9
South Carolina.....	103.9	104.2	102.0	0.4	-2.1	2.0
South Dakota.....	96.3	98.6	98.1	2.4	-0.5	-1.9
Tennessee	103.1	104.0	102.8	0.9	-1.2	2.8
Memphis.....	99.7	102.7	102.2	3.0	-0.5	2.2
Nashville	103.4	104.6	102.9	1.2	-1.7	2.9
Texas.....	103.0	102.9	100.6	-0.1	-2.2	0.6
Austin	105.1	105.3	102.5	0.2	-2.7	2.5
Dallas	105.5	105.4	104.5	-0.2	-0.9	4.5
Houston	103.3	104.2	102.3	0.9	-1.9	2.3
San Antonio.....	105.1	104.8	103.3	-0.3	-1.5	3.3
Utah.....	100.5	101.2	99.4	0.7	-1.8	-0.6
Salt Lake City.....	101.8	103.8	103.0	2.0	-0.8	3.0
Vermont.....	112.4	113.8	111.5	1.2	-2.0	11.5
Virginia.....	108.1	109.1	107.7	0.9	-1.2	7.7
Richmond.....	104.2	105.4	102.9	1.2	-2.4	2.9
Virginia Beach	105.6	105.6	105.1	0.1	-0.5	5.1
Washington.....	110.4	109.3	109.0	-1.0	-0.2	9.0
Seattle-Tacoma	114.9	113.7	114.1	-1.1	0.3	14.1
West Virginia.....	101.8	104.3	104.6	2.5	0.3	4.6
Wisconsin.....	106.5	106.5	105.6	-0.1	-0.8	5.6
Milwaukee	105.1	102.1	98.9	-2.9	-3.2	-1.1
Wyoming.....	94.6	95.2	94.9	0.6	-0.3	-5.1

Source: The Conference Board

p=Preliminary

r=Revised

1. Data are preliminary and subject to monthly revisions
2. Census Divisions defined by the U.S. Census Bureau
3. Metropolitan areas are based on 2005 OMB county-based MSA definitions

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Table 2. HWOL Index: Occupations, seasonally adjusted, July 2019

[July 2018=100]

SOC ²	Occupation ³	HWOL Index ¹			Percent Change		
					1-month		12-month
		May 2019 ^r	Jun. 2019 ^r	Jul. 2019 ^p	May 2019-Jun. 2019	Jun. 2019-Jul. 2019	Jul. 2018-Jul. 2019
	Total	103.4	103.5	102.3	0.1	-1.2	2.3
11	Management	102.3	102.3	100.4	-0.1	-1.8	0.4
13	Business and financial operations.....	102.9	101.9	99.4	-1.0	-2.4	-0.6
15	Computer and mathematical science.....	109.9	108.8	107.6	-1.0	-1.2	7.6
17	Architecture and engineering	105.4	104.9	102.3	-0.5	-2.5	2.3
19	Life, physical, and social science	104.5	105.9	102.6	1.4	-3.2	2.6
21	Community and social services.....	104.8	105.4	103.4	0.6	-1.9	3.4
23	Legal	106.7	104.8	103.4	-1.7	-1.3	3.4
25	Education, training, and library.....	103.6	103.6	102.8	0.0	-0.8	2.8
27	Arts, design, entertainment, sports, and media	100.0	101.0	99.8	1.0	-1.2	-0.2
29	Healthcare practitioners and technical	105.1	105.9	104.9	0.8	-1.0	4.9
31	Healthcare support	110.2	110.5	107.7	0.3	-2.5	7.7
33	Protective service.....	105.3	101.1	96.4	-3.9	-4.7	-3.6
35	Food preparation and serving related.....	105.7	104.3	105.4	-1.4	1.0	5.4
37	Building and grounds cleaning and maintenance.....	98.5	98.2	97.5	-0.3	-0.7	-2.5
39	Personal care and service	97.8	96.9	95.2	-0.9	-1.8	-4.8
41	Sales and related.....	98.8	100.6	100.4	1.9	-0.2	0.4
43	Office and administrative support	101.9	103.5	101.7	1.5	-1.8	1.7
45	Farming, fishing, and forestry	94.0	97.5	97.4	3.7	-0.1	-2.6
47	Construction and extraction	98.8	99.0	98.7	0.2	-0.2	-1.3
49	Installation, maintenance, and repair	100.2	100.3	99.7	0.1	-0.6	-0.3
51	Production	95.9	95.4	94.1	-0.5	-1.3	-5.9
53	Transportation and material moving	94.5	92.9	92.9	-1.7	-1.7	-6.4

Source: The Conference Board

p=Preliminary

r=Revised

1. Data are preliminary and subject to monthly revisions.

2. Ads are coded to the 6-digit Standard Occupational Classification code (SOC) level

3. Occupational categories are based on 2010 OMB Standard Occupational Classification system (SOC definitions)

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Table 3. HWOL Data Series: Total ads by Census Division, seasonally adjusted, July 2019

Area ¹	Total Ads ² (Thousands)	Area ¹	Total Ads ² (Thousands)
United States	5,289.1	South Atlantic	1,089.1
New England	302.5	East South Central	239.5
Middle Atlantic	655.4	West South Central	515.9
East North Central	746.8	Mountain	415.4
West North Central	400.0	Pacific	838.2

Source: The Conference Board

1. Census Divisions defined by the U.S. Census Bureau
2. Ad levels are seasonally adjusted and may not add up to the total US count

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Table 4. HWOL Data Series: Total ads by State, seasonally adjusted, July 2019

State	Total Ads ¹ (Thousands)	State	Total Ads ¹ (Thousands)
Alabama	60.3	Montana	18.9
Alaska	14.9	Nebraska	30.1
Arizona	102.3	Nevada	45.8
Arkansas	30.2	New Hampshire	26.7
California	579.3	New Jersey	146.4
Colorado	136.0	New Mexico	30.5
Connecticut	61.7	New York	267.2
Delaware	17.4	North Carolina	158.2
Florida	285.1	North Dakota	18.3
Georgia	178.0	Ohio	187.2
Hawaii	21.8	Oklahoma	42.8
Idaho	22.4	Oregon	69.0
Illinois	203.1	Pennsylvania	239.9
Indiana	92.8	Rhode Island	15.6
Iowa	49.1	South Carolina	68.2
Kansas	43.3	South Dakota	15.6
Kentucky	56.0	Tennessee	93.0
Louisiana	51.9	Texas	391.1
Maine	22.9	Utah	50.3
Maryland	119.4	Vermont	12.9
Massachusetts	163.4	Virginia	184.6
Michigan	149.2	Washington	151.6
Minnesota	147.8	West Virginia	27.5
Mississippi	30.5	Wisconsin	113.8
Missouri	95.8	Wyoming	9.1

Source: The Conference Board

1. Ad levels are seasonally adjusted and may not add up to the total US count

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Table 5. HWOL Data Series: Total ads by selected MSAs, seasonally adjusted, July 2019

MSA ¹	Total Ads ² (Thousands)	MSA ¹	Total Ads ² (Thousands)
Birmingham, AL	17.0	Kansas City, MO	41.2
Phoenix, AZ	71.2	St. Louis, MO	49.9
Tucson, AZ	13.5	Las Vegas, NV	29.8
Los Angeles, CA	169.3	Buffalo, NY	14.5
Riverside, CA	35.7	New York, NY	274.1
Sacramento, CA	29.0	Rochester, NY	12.8
San Diego, CA	54.0	Charlotte, NC	47.4
San Francisco, CA	117.2	Cincinnati, OH	39.4
San Jose, CA	63.4	Cleveland, OH	33.9
Denver, CO	78.9	Columbus, OH	39.5
Hartford, CT	25.9	Oklahoma City, OK	17.7
Washington, DC	181.9	Portland, OR	42.3
Jacksonville, FL	21.4	Philadelphia, PA	117.6
Miami, FL	76.7	Pittsburgh, PA	46.5
Orlando, FL	42.6	Providence, RI	22.4
Tampa, FL	45.3	Memphis, TN	19.0
Atlanta, GA	115.2	Nashville, TN	37.9
Honolulu, HI	15.3	Austin, TX	45.6
Chicago, IL	161.9	Dallas, TX	121.6
Indianapolis, IN	33.9	Houston, TX	85.4
Louisville, KY	19.9	San Antonio, TX	31.6
New Orleans, LA	19.4	Salt Lake City, UT	26.4
Baltimore, MD	63.8	Richmond, VA	23.6
Boston, MA	128.0	Virginia Beach, VA	26.5
Detroit, MI	67.8	Seattle-Tacoma, WA	105.0
Minneapolis, MN	99.3	Milwaukee, WI	34.9

Source: The Conference Board

1. Metropolitan areas are based on 2005 OMB county-based Metropolitan Statistical Area (MSA) definitions
2. Ad levels are seasonally adjusted and may not add up to the total US count

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PROGRAM NOTES

HWOL available on Haver Analytics

A number of the key HWOL Data Series are exclusively available on Haver Analytics. The available HWOL Data Series include the geographic and occupational series for levels and rates for both Total Ads and New Ads. In addition to the seasonally adjusted series, many of the unadjusted series are also available. The geographic detail includes: U.S., 9 Regions, 50 States, 52 MSAs (largest metro areas). The occupational detail includes: U.S. (2-digit SOC), States (1-digit SOC) and MSAs (1-digit SOC).

For more information about the Help Wanted OnLine data series delivered via Haver Analytics, please email sales@haver.com or navigate to <http://www.haver.com/contact.html>. For HWOL data for detailed geographic areas and occupations not in the press release, please contact Jeanne.Shu@conference-board.org.

The Conference Board Help Wanted OnLine® (HWOL) Index measures changes over time in advertised online job vacancies, reflecting monthly trends in employment opportunities across the US. The HWOL Data Series aggregates the total number of ads available by month from the HWOL universe of online job ads. Ads in the HWOL universe are collected in real-time from over 28,000 different online job boards including traditional job boards, corporate boards, social media sites, and smaller job sites that serve niche markets and smaller geographic areas.

Like The Conference Board's long-running Help Wanted Advertising Index of print ads (which was published for over 55 years and discontinued in July 2008), **Help Wanted OnLine™** measures help wanted advertising, i.e. labor demand. The HWOL Data Series began in May 2005 and was revised in December 2018 to reflect a new universe and methodology of online job advertisements and therefore cannot be used in conjunction with the pre-revised HWOL Data Series. With the December 2018 release, The Conference Board released the experimental HWOL Index for the specific purpose of providing a robust time series for measuring changes in labor demand over time. It improves upon the HWOL Data Series' ability to assess local labor market trends by reducing volatility and non-economic noise and improving correlation with local labor market conditions. Both the HWOL Data Series and the experimental HWOL Index begin in January 2012.

People using this data are urged to review the information on the database and methodology available on The Conference Board website and contact us with questions and comments. Background information and technical notes and discussion of revisions to the series are available at: <http://www.conference-board.org/data/helpwantedonline.cfm>.

Additional information on the **Bureau of Labor Statistics** data used in this release can be found on the BLS website, www.bls.gov.

About The Conference Board

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Please note that the release schedule for the Help-Wanted OnLine® Index has been revised. Following are the release dates for 2019:

<u>Data for the Month</u>	<u>Release Date</u>
August 2019	September 11, 2019
September 2019	October 9, 2019
October 2019	November 6, 2019
November 2019	December 11, 2019

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