



Center for Economic Development and Business Research

## **Demographics of Wichita MSA Workers Receiving Unemployment Insurance Benefits**

October 2011

CEDBR recently attained updates on the number of Kansas workers who received unemployment insurance benefits in second quarter 2011. The Kansas Department of Labor provided the data at the county level and included industry codes (NAICS Codes<sup>1</sup>), age, race, ethnicity, education level, gender, and initial application date for unemployment claims.

Below are six summary tables. The first two columns in the tables report the raw number of unemployed workers per cohort, as well as the percentage of workers in each cohort. The percentage of workers is calculated based on the total number of unemployed workers within a cohort, not the total number of unemployed workers. The final column provides data on the distribution of the Wichita MSA labor force by cohort.

Table 1 provides unemployment insurance data for the second quarters of 2010 and 2011 by education level in the Wichita MSA. More than 87 percent of workers reported educational attainment in both quarters. The data shows that workers with less than a college education were disproportionately affected by the recession.

Table 2 includes the gender distribution of Wichita MSA workers receiving unemployment benefits in the second quarters of 2010 and 2011. All unemployment benefit recipients reported gender. Men and women were equitably affected by the recession.

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<sup>1</sup> North American Industry Classification System Codes

Table 3 provides unemployment insurance data for the second quarters of 2010 and 2011 by race distribution in the Wichita MSA. The reported data is aggregated from the individual records of workers, with 92 percent of workers reporting a race. Workers reporting white or American Indian and Alaska native were disproportionately unaffected by the recession. Black or African American, Asian and native Hawaiian and other Pacific Islanders were disproportionately affected.

Table 4 includes the ethnic distribution of Wichita MSA workers receiving unemployment benefits in the second quarters of 2010 and 2011. Slightly more than 50 percent of unemployment benefit recipients reported ethnicity. In general, individuals reporting Hispanic or Latino ethnicity were disproportionately affected by the recession.

Table 5 provides the age distribution of the Wichita MSA insured unemployed workers who received benefits in the second quarters of 2010 and 2011. All recipients provided age information. The data shows that 16 to 19 year olds and workers over the age of 75 were disproportionately unaffected by the recession. In general, workers aged 25 to 34 were most adversely affected by the recession.

The final table provides unemployment insurance data for the second quarter 2010 and 2011 by NAICS code. Please note, all workers reported a NAICS code. Construction and administrative and support industries were most adversely affected by the recession. The manufacturing industry had the highest concentration of unemployed individuals.

*Limitation of Data:* The data counts all Kansas workers receiving unemployment insurance payments, but it does not include a) dislocated workers who have taken different positions, and who are not collecting unemployment (but are not working at their skill level), b) people who have exhausted benefits and c) those who are not working and are not entitled to benefits, but would be willing to work.

Table 1. Unemployed by Educational Attainment

Wichita MSA			
Education Attainment	Unemployed		Emp.
	2Q 2010	2Q 2011	Actual*
Less Than High School	2,179	1,644	43,076
<i>As a Percent of Reported</i>	13.6%	12.5%	11.3%
GED or High School	7,605	6,049	114,623
<i>As a Percent of Reported</i>	47.4%	46.0%	30.1%
Some College, No Degree	3,751	3,373	95,702
<i>As a Percent of Reported</i>	23.4%	25.7%	25.2%
Associate Degree	583	504	26,936
<i>As a Percent of Reported</i>	3.6%	3.8%	7.1%
Bachelor Degree	1,516	1,249	67,773
<i>As a Percent of Reported</i>	9.4%	9.5%	17.8%
Graduate or Professional Degree	421	323	32,393
<i>As a Percent of Reported</i>	2.6%	2.5%	8.5%
Information reported	16,055	13,142	380,503
<i>As a Percent of Total</i>	87.8%	93.9%	100.0%
Information not reported	2,227	854	NA
<i>As a Percent of Total</i>	12.2%	6.1%	NA
<b>Total</b>	<b>18,282</b>	<b>13,996</b>	<b>380,503</b>
*Population 25 years and older - Wichita MSA: Census Bureau 2005-2009 American Community Survey 5-Year Estimates			
Please note that Emp. Actual* is not directly comparable to Civilian Labor Force.			

Table 2. Unemployed by Gender

Wichita MSA			
Gender	Unemployed		Emp.
	2Q 2010	2Q 2011	Actual*
Female	7,818	6,505	129,522
<i>As a Percent of Reported</i>	42.8%	46.5%	46.3%
Male	10,464	7,491	150,014
<i>As a Percent of Reported</i>	57.2%	53.5%	53.7%
Information reported	18,282	13,996	279,536
<i>As a Percent of Total</i>	100.0%	100.0%	100.0%
Information not reported	-	-	NA
<i>As a Percent of Total</i>	0.0%	0.0%	NA
<b>Total</b>	<b>18,282</b>	<b>13,996</b>	<b>279,536</b>

\*Wichita MSA: Census Bureau 2005-2009 American Community Survey 5-Year Estimates. CEDBR estimated the number of individuals active in the labor force based on national labor force participation rates by gender provided by the Bureau of Labor Statistics.

Table 3. Unemployed by Race

Wichita MSA			
Race	Unemployed		Emp.
	2Q 2010	2Q 2011	Actual*
White	13,037	9,809	503,133
<i>As a Percent of Reported</i>	77.5%	76.2%	84.3%
Black or African American	2,374	2,235	51,629
<i>As a Percent of Reported</i>	14.1%	17.4%	8.7%
American Indian and Alaska Native	329	263	13,370
<i>As a Percent of Reported</i>	2.0%	2.0%	2.2%
Asian	1,046	538	21,752
<i>As a Percent of Reported</i>	6.2%	4.2%	3.6%
Native Hawaiian and Other Pacific Islander	32	30	707
<i>As a Percent of Reported</i>	0.2%	0.2%	0.1%
Information reported	16,818	12,875	590,591
<i>As a Percent of Total</i>	92.0%	92.0%	99.0%
Information not reported	1,464	1,121	6,052
<i>As a Percent of Total</i>	8.0%	8.0%	1.0%
<b>Total</b>	<b>18,282</b>	<b>13,996</b>	<b>596,643</b>

\*Wichita MSA: Census Bureau 2005-2009 American Community Survey 5-Year Estimates  
Please note that Emp. Actual\* is not directly comparable to Civilian Labor Force.

Table 4. Unemployed by Ethnicity

Wichita MSA			
Ethnicity	Unemployed		Emp. Actual*
	2Q 2010	2Q 2011	
Hispanic or Latino (of any race)	1,605	1,301	55,707
<i>As a Percent of Reported</i>	<i>16.3%</i>	<i>18.0%</i>	<i>9.3%</i>
Not Hispanic or Latino	8,245	5,926	540,936
<i>As a Percent of Reported</i>	<i>83.7%</i>	<i>82.0%</i>	<i>90.7%</i>
Information reported	9,850	7,227	596,643
<i>As a Percent of Total</i>	<i>53.9%</i>	<i>51.6%</i>	<i>100.0%</i>
Information not reported	8,432	6,769	NA
<i>As a Percent of Total</i>	<i>46.1%</i>	<i>48.4%</i>	NA
<b>Total</b>	<b>18,282</b>	<b>13,996</b>	<b>596,643</b>
*Wichita MSA: Census Bureau 2005-2009 American Community Survey 5-Year Estimates			
Please note that Emp. Actual* is not directly comparable to Civilian Labor Force.			

Table 5. Unemployed by Age

Wichita MSA			
Age	Unemployed		Emp. Actual*
	2Q 2010	2Q 2011	
16 to 19 years	75	110	13,223
<i>As a Percent of Reported</i>	0.4%	0.8%	4.3%
20 to 24 years	1,544	1,354	29,360
<i>As a Percent of Reported</i>	8.4%	10.3%	9.6%
25 to 34 years	4,697	3,688	68,927
<i>As a Percent of Reported</i>	25.7%	28.1%	22.6%
35 to 44 years	4,168	2,977	65,095
<i>As a Percent of Reported</i>	22.8%	22.7%	21.4%
45 to 54 years	4,373	3,331	72,200
<i>As a Percent of Reported</i>	23.9%	25.3%	23.7%
55 to 59 years	1,756	1,315	28,207
<i>As a Percent of Reported</i>	9.6%	10.0%	9.3%
60 to 64 years	1,042	762	16,885
<i>As a Percent of Reported</i>	5.7%	5.8%	5.5%
65 to 74 years	541	405	7,959
<i>As a Percent of Reported</i>	3.0%	3.1%	2.6%
75 to 84 years	85	50	1,735
<i>As a Percent of Reported</i>	0.5%	0.4%	0.6%
85 years and over	1	2	754
<i>As a Percent of Reported</i>	0.0%	0.0%	0.2%
Information reported	18,282	13,994	304,346
<i>As a Percent of Total</i>	100.0%	100.0%	100.0%
Information not reported	-	2	NA
<i>As a Percent of Total</i>	0.0%	0.0%	NA
Total	18,282	13,996	304,346

\*Wichita MSA: Census Bureau 2005-2009 American Community Survey 5-Year Estimates. CEDBR estimated the number of individuals active in the labor force based on national labor force participation rates by age provided by the Bureau of Labor Statistics.

Table 6. Unemployed by Industry

Wichita MSA				
Major NAICS Category		Unemployed		Emp.
		2Q 2010	2Q 2011	Actual *
11	Agriculture, Forestry, Fishing and Hunting	37	28	525
	<i>As a Percent of Reported</i>	0.2%	0.2%	0.2%
21	Mining	37	54	933
	<i>As a Percent of Reported</i>	0.2%	0.4%	0.4%
22	Utilities	15	9	755
	<i>As a Percent of Reported</i>	0.1%	0.1%	0.3%
23	Construction	1,552	1,271	13,479
	<i>As a Percent of Reported</i>	8.5%	9.1%	5.8%
31-33	Manufacturing	5,047	2,915	52,289
	<i>As a Percent of Reported</i>	27.6%	20.8%	22.7%
42	Wholesale Trade	507	411	10,866
	<i>As a Percent of Reported</i>	2.8%	2.9%	4.7%
44-45	Retail Trade	1,123	1,072	30,441
	<i>As a Percent of Reported</i>	6.1%	7.7%	13.2%
48-49	Transportation and Warehousing	695	491	6,483
	<i>As a Percent of Reported</i>	3.8%	3.5%	2.8%
51	Information	178	174	4,753
	<i>As a Percent of Reported</i>	1.0%	1.2%	2.1%
52	Finance and Insurance	203	200	7,623
	<i>As a Percent of Reported</i>	1.1%	1.4%	3.3%
53	Real Estate and Rental and Leasing	159	146	3,295
	<i>As a Percent of Reported</i>	0.9%	1.0%	1.4%
54	Professional, Scientific, and Technical Services	462	445	9,035
	<i>As a Percent of Reported</i>	2.5%	3.2%	3.9%
55	Management of Companies and Enterprises	21	16	3,019
	<i>As a Percent of Reported</i>	0.1%	0.1%	1.3%
56	Admin. & Support and Waste Mgmt. & Remediation Services	1,801	1,467	16,866
	<i>As a Percent of Reported</i>	9.9%	10.5%	7.3%
61	Educational Services	532	367	4,218
	<i>As a Percent of Reported</i>	2.9%	2.6%	1.8%
62	Health Care and Social Assistance	1,247	1,333	37,329
	<i>As a Percent of Reported</i>	6.8%	9.5%	16.2%
71	Arts, Entertainment, and Recreation	71	69	800
	<i>As a Percent of Reported</i>	0.4%	0.5%	0.3%
72	Accommodation and Food Services	715	704	21,265
	<i>As a Percent of Reported</i>	3.9%	5.0%	9.2%
81	Other Services (except Public Administration)	384	296	6,593
	<i>As a Percent of Reported</i>	2.1%	2.1%	2.9%
92	Public Administration	678	369	NA
	<i>As a Percent of Reported</i>	3.7%	2.6%	NA
99	Unclassified	2,818	2,159	NA
	<i>As a Percent of Reported</i>	15.4%	15.4%	NA
	Information reported	18,282	13,996	230,567
	<i>As a Percent of Total</i>	100.0%	100.0%	100.0%
	Information not reported	-	-	-
	<i>As a Percent of Total</i>	0.0%	0.0%	0.0%
	<b>Total</b>	<b>18,282</b>	<b>13,996</b>	<b>230,567</b>

\*Estimates provided by the Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2010, for the Wichita MSA - PRIVATE OWNERSHIP ONLY