



Center for Economic Development and Business Research

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

November 2012

The Center for Economic Development and Business Research recently acquired updates on the number of Kansas workers who received unemployment insurance benefits through third quarter 2012. 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 seven summary tables. In the first six tables, columns 2-5 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 using the total number of unemployed workers reporting information, not the total number of unemployed workers within a cohort. The final column provides data on the distribution of the Wichita MSA labor force, or estimate of labor force, by cohort.

Table 1 provides unemployment insurance data for fourth quarter 2011 through third quarter 2012 by education level in the Wichita MSA. Approximately 97 percent of workers reported educational attainment in third quarter 2012. The data shows that workers with less than a college education disproportionately experienced a higher level of unemployment.

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

Table 2 includes the gender distribution of Wichita MSA workers receiving unemployment benefits. All unemployment benefit recipients reported gender. Men appear to be more adversely affected by unemployment.

Table 3 provides unemployment insurance data by race distribution in the Wichita MSA. The reported data is aggregated from the individual records of workers, with at least 90 percent of workers reporting a race in all quarters. Those reporting a primary race other than white disproportionately experienced a higher level of unemployment.

Table 4 includes the ethnic distribution of Wichita MSA workers receiving unemployment benefits. Fifty-four 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. All recipients provided age information in third quarter 2012. The third quarter data shows that 16 to 19 year olds were the most proportionately unaffected by unemployment. In general, workers aged 20 to 59 were most adversely affected by unemployment.

The sixth table provides reported unemployment insurance data by NAICS code. Please note, all workers reported a NAICS code. Construction, manufacturing, and the administrative and support sector were most adversely affected by unemployment.

The final table provides the number of unemployed reporting information for NAICS code and educational attainment. This table illustrates the impact educational attainment had on worker retention, by industry. For example, employers in the manufacturing industry were more likely to lay off individuals with less education than those with more.

*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					
	4Q 2011	1Q 2012	2Q 2012	3Q 2012	Emp. Actual*
<b>Educational Attainment</b>					
Less Than High School	2,369	1,853	1,335	1,191	44,659
<i>As a Percent of Reported</i>	15.8%	13.4%	10.6%	10.8%	11.6%
GED or High School	6,989	6,468	6,092	5,494	113,124
<i>As a Percent of Reported</i>	46.7%	46.7%	48.3%	49.8%	29.3%
Some College, No Degree	3,536	3,325	3,194	2,697	97,741
<i>As a Percent of Reported</i>	23.6%	24.0%	25.3%	24.4%	25.3%
Associate Degree	493	560	526	447	27,447
<i>As a Percent of Reported</i>	3.3%	4.0%	4.2%	4.0%	7.1%
Bachelor Degree	1,268	1,301	1,154	927	70,187
<i>As a Percent of Reported</i>	8.5%	9.4%	9.2%	8.4%	18.2%
Graduate or Professional Degree	315	350	309	284	33,041
<i>As a Percent of Reported</i>	2.1%	2.5%	2.5%	2.6%	8.6%
Information reported	14,970	13,857	12,610	11,040	386,199
<i>As a Percent of Total</i>	94.3%	97.0%	95.7%	97.4%	100.0%
Information not reported	904	426	564	292	NA
<i>As a Percent of Total</i>	5.7%	3.0%	4.3%	2.6%	NA
<b>Total</b>	<b>15,874</b>	<b>14,283</b>	<b>13,174</b>	<b>11,332</b>	<b>386,199</b>

\*Population 25 years and older - Wichita MSA: Census Bureau 2006-2010 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					
	4Q 2011	1Q 2012	2Q 2012	3Q 2012	Emp. Actual*
<b>Gender</b>					
Female	6,261	5,856	6,058	4,598	132,473
<i>As a Percent of Reported</i>	39.4%	41.0%	46.0%	40.6%	46.5%
Male	9,613	8,427	7,116	6,734	152,505
<i>As a Percent of Reported</i>	60.6%	59.0%	54.0%	59.4%	53.5%
Information reported	15,874	14,283	13,174	11,332	284,978
<i>As a Percent of Total</i>	100.0%	100.0%	100.0%	100.0%	100.0%
Information not reported	-	-	-	-	NA
<i>As a Percent of Total</i>	0.0%	0.0%	0.0%	0.0%	NA
<b>Total</b>	<b>15,874</b>	<b>14,283</b>	<b>13,174</b>	<b>11,332</b>	<b>284,978</b>

\*Wichita MSA: Census Bureau 2006-2010 American Community Survey 5-Year Estimates. CEDBR estimated the number of individuals active in the labor force based on the population 18 years and older and the national labor force participation rates by gender provided by the Bureau of Labor Statistics.

Table 3. Unemployed by Race

Wichita MSA					
Race	4Q 2011	1Q 2012	2Q 2012	3Q 2012	Emp. Actual*
White	11,148	10,344	9,440	8,080	490,210
As a Percent of Reported	78.1%	79.6%	76.8%	77.7%	80.4%
Black or African American	2,155	1,901	2,003	1,730	45,140
As a Percent of Reported	15.1%	14.6%	16.3%	16.6%	7.4%
American Indian and Alaska Native	279	249	250	180	5,062
As a Percent of Reported	2.0%	1.9%	2.0%	1.7%	0.8%
Asian	660	472	572	366	19,936
As a Percent of Reported	4.6%	3.6%	4.7%	3.5%	3.3%
Native Hawaiian and Other Pacific Islander	40	33	31	40	309
As a Percent of Reported	0.3%	0.3%	0.3%	0.4%	0.1%
Information reported	14,282	12,999	12,296	10,396	560,657
As a Percent of Total	90.0%	91.0%	93.3%	91.7%	92.0%
Information not reported	1,592	1,284	878	936	**48,726
As a Percent of Total	10.0%	9.0%	6.7%	8.3%	8.0%
Total	15,874	14,283	13,174	11,332	609,383

\*Wichita MSA: Census Bureau 2006-2010 American Community Survey 5-Year Estimates

Please note that Emp. Actual\* is not directly comparable to Civilian Labor Force.

\*\* Those reporting some other race, or two or more races.

Table 4. Unemployed by Ethnicity

Wichita MSA					
Ethnicity	4Q 2011	1Q 2012	2Q 2012	3Q 2012	Emp. Actual*
Hispanic or Latino (of any race)	2,046	1,603	1,109	1,209	65,686
As a Percent of Reported	23.0%	21.0%	15.5%	19.6%	10.8%
Not Hispanic or Latino	6,860	6,021	6,045	4,946	543,697
As a Percent of Reported	77.0%	79.0%	84.5%	80.4%	89.2%
Information reported	8,906	7,624	7,154	6,155	609,383
As a Percent of Total	56.1%	53.4%	54.3%	54.3%	100.0%
Information not reported	6,968	6,659	6,020	5,177	NA
As a Percent of Total	43.9%	46.6%	45.7%	45.7%	NA
Total	15,874	14,283	13,174	11,332	609,383

\*Wichita MSA: Census Bureau 2006-2010 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	4Q 2011	1Q 2012	2Q 2012	3Q 2012	Emp. Actual*
16 to 19 years	184	187	142	148	17,490
<i>As a Percent of Reported</i>	1.2%	1.3%	1.1%	1.3%	5.6%
20 to 24 years	1,507	1,434	1,246	1,168	30,461
<i>As a Percent of Reported</i>	9.5%	10.0%	9.5%	10.3%	9.7%
25 to 34 years	4,056	3,689	3,140	2,839	67,248
<i>As a Percent of Reported</i>	25.6%	25.8%	23.8%	25.1%	21.5%
35 to 44 years	3,316	3,183	2,854	2,387	65,160
<i>As a Percent of Reported</i>	20.9%	22.3%	21.7%	21.1%	20.8%
45 to 54 years	3,906	3,321	3,231	2,807	73,939
<i>As a Percent of Reported</i>	24.6%	23.3%	24.5%	24.8%	23.6%
55 to 59 years	1,537	1,302	1,306	1,119	29,990
<i>As a Percent of Reported</i>	9.7%	9.1%	9.9%	9.9%	9.6%
60 to 64 years	904	737	789	598	18,120
<i>As a Percent of Reported</i>	5.7%	5.2%	6.0%	5.3%	5.8%
65 to 74 years	415	389	396	229	8,190
<i>As a Percent of Reported</i>	2.6%	2.7%	3.0%	2.0%	2.6%
75 to 84 years	48	39	66	37	1,748
<i>As a Percent of Reported</i>	0.3%	0.3%	0.5%	0.3%	0.6%
85 years and over	1	2	4	-	768
<i>As a Percent of Reported</i>	0.0%	0.0%	0.0%	0.0%	0.2%
Information reported	15,874	14,283	13,174	11,332	313,114
<i>As a Percent of Total</i>	100.0%	100.0%	100.0%	100.0%	100.0%
Information not reported	-	-	-	-	NA
<i>As a Percent of Total</i>	0.0%	0.0%	0.0%	0.0%	NA
Total	15,874	14,283	13,174	11,332	313,114

\*Wichita MSA: Census Bureau 2006-2010 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. Actual *
		4Q 2011	1Q 2012	2Q 2012	3Q 2012	
11	Agriculture, Forestry, Fishing and Hunting	46	72	34	35	525
	<i>As a Percent of Reported</i>	0.3%	0.5%	0.3%	0.3%	0.2%
21	Mining	-	46	37	23	933
	<i>As a Percent of Reported</i>	0.0%	0.3%	0.3%	0.2%	0.4%
22	Utilities	68	21	23	20	755
	<i>As a Percent of Reported</i>	0.4%	0.1%	0.2%	0.2%	0.3%
23	Construction	2,107	2,050	1,049	1,041	13,479
	<i>As a Percent of Reported</i>	13.3%	14.4%	8.0%	9.2%	5.8%
31-33	Manufacturing	3,923	2,647	3,619	3,572	52,289
	<i>As a Percent of Reported</i>	24.7%	18.5%	27.5%	31.5%	22.7%
42	Wholesale Trade	365	421	405	392	10,866
	<i>As a Percent of Reported</i>	2.3%	2.9%	3.1%	3.5%	4.7%
44-45	Retail Trade	1,180	1,249	1,091	940	30,441
	<i>As a Percent of Reported</i>	7.4%	8.7%	8.3%	8.3%	13.2%
48-49	Transportation and Warehousing	371	367	813	413	6,483
	<i>As a Percent of Reported</i>	2.3%	2.6%	6.2%	3.6%	2.8%
51	Information	165	177	187	157	4,753
	<i>As a Percent of Reported</i>	1.0%	1.2%	1.4%	1.4%	2.1%
52	Finance and Insurance	207	284	206	245	7,623
	<i>As a Percent of Reported</i>	1.3%	2.0%	1.6%	2.2%	3.3%
53	Real Estate and Rental and Leasing	150	148	148	126	3,295
	<i>As a Percent of Reported</i>	0.9%	1.0%	1.1%	1.1%	1.4%
54	Professional, Scientific, and Technical Services	384	388	429	327	9,035
	<i>As a Percent of Reported</i>	2.4%	2.7%	3.3%	2.9%	3.9%
55	Management of Companies and Enterprises	26	27	28	21	3,019
	<i>As a Percent of Reported</i>	0.2%	0.2%	0.2%	0.2%	1.3%
56	Admin. & Support and Waste Mgmt. & Remediation Services	2,045	1,751	1,638	1,493	16,866
	<i>As a Percent of Reported</i>	12.9%	12.3%	12.4%	13.2%	7.3%
61	Educational Services	236	196	344	185	4,218
	<i>As a Percent of Reported</i>	1.5%	1.4%	2.6%	1.6%	1.8%
62	Health Care and Social Assistance	1,216	1,277	1,327	1,110	37,329
	<i>As a Percent of Reported</i>	7.7%	8.9%	10.1%	9.8%	16.2%
71	Arts, Entertainment, and Recreation	134	123	99	86	800
	<i>As a Percent of Reported</i>	0.8%	0.9%	0.8%	0.8%	0.3%
72	Accommodation and Food Services	663	771	777	623	21,265
	<i>As a Percent of Reported</i>	4.2%	5.4%	5.9%	5.5%	9.2%
81	Other Services (except Public Administration)	287	268	241	220	6,593
	<i>As a Percent of Reported</i>	1.8%	1.9%	1.8%	1.9%	2.9%
92	Public Administration	344	368	648	285	NA
	<i>As a Percent of Reported</i>	2.2%	2.6%	4.9%	2.5%	NA
99	Unclassified	1,957	1,632	31	18	NA
	<i>As a Percent of Reported</i>	12.3%	11.4%	0.2%	0.2%	NA
	Information reported	15,874	14,283	13,174	11,332	230,567
	<i>As a Percent of Total</i>	100.0%	100.0%	100.0%	100.0%	100.0%
	Information not reported	-	-	-	-	-
	<i>As a Percent of Total</i>	0.0%	0.0%	0.0%	0.0%	0.0%
	<b>Total</b>	<b>15,874</b>	<b>14,283</b>	<b>13,174</b>	<b>11,332</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

Table 7. Unemployed by Industry, by Education

Wichita MSA - 3Q 2012					
Major NAICS Category		Unemployed			Total
		High School Graduate, Equivalent OR Less	Some College OR Associates Degree	Bachelor, Professional OR Graduate Degree	
11	Agriculture, Forestry, Fishing and Hunting	24	8	3	35
	<i>As a Percent of NAICS Category Total</i>	68.6%	22.9%	8.6%	0.3%
21	Mining	18	3	2	23
	<i>As a Percent of NAICS Category Total</i>	78.3%	13.0%	8.7%	0.2%
22	Utilities	10	5	5	20
	<i>As a Percent of NAICS Category Total</i>	50.0%	25.0%	25.0%	0.2%
23	Construction	755	245	41	1,041
	<i>As a Percent of NAICS Category Total</i>	72.5%	23.5%	3.9%	9.4%
31-33	Manufacturing	2,312	785	219	3,316
	<i>As a Percent of NAICS Category Total</i>	69.7%	23.7%	6.6%	30.0%
42	Wholesale Trade	216	110	64	390
	<i>As a Percent of NAICS Category Total</i>	55.4%	28.2%	16.4%	3.5%
44-45	Retail Trade	571	282	87	940
	<i>As a Percent of NAICS Category Total</i>	60.7%	30.0%	9.3%	8.5%
48-49	Transportation and Warehousing	290	98	25	413
	<i>As a Percent of NAICS Category Total</i>	70.2%	23.7%	6.1%	3.7%
51	Information	55	79	23	157
	<i>As a Percent of NAICS Category Total</i>	35.0%	50.3%	14.6%	1.4%
52	Finance and Insurance	96	96	53	245
	<i>As a Percent of NAICS Category Total</i>	39.2%	39.2%	21.6%	2.2%
53	Real Estate and Rental and Leasing	62	48	16	126
	<i>As a Percent of NAICS Category Total</i>	49.2%	38.1%	12.7%	1.1%
54	Professional, Scientific, and Technical Services	111	92	122	325
	<i>As a Percent of NAICS Category Total</i>	34.2%	28.3%	37.5%	2.9%
55	Management of Companies and Enterprises	11	5	5	21
	<i>As a Percent of NAICS Category Total</i>	52.4%	23.8%	23.8%	0.2%
56	Admin. & Support and Waste Mgmt. & Remediation Services	882	433	151	1,466
	<i>As a Percent of NAICS Category Total</i>	60.2%	29.5%	10.3%	13.3%
61	Educational Services	41	58	86	185
	<i>As a Percent of NAICS Category Total</i>	22.2%	31.4%	46.5%	1.7%
62	Health Care and Social Assistance	481	429	196	1,106
	<i>As a Percent of NAICS Category Total</i>	43.5%	38.8%	17.7%	10.0%
71	Arts, Entertainment, and Recreation	44	32	10	86
	<i>As a Percent of NAICS Category Total</i>	51.2%	37.2%	11.6%	0.8%
72	Accommodation and Food Services	449	152	22	623
	<i>As a Percent of NAICS Category Total</i>	72.1%	24.4%	3.5%	5.6%
81	Other Services (except Public Administration)	120	75	25	220
	<i>As a Percent of NAICS Category Total</i>	54.5%	34.1%	11.4%	2.0%
92	Public Administration	129	101	55	285
	<i>As a Percent of NAICS Category Total</i>	45.3%	35.4%	19.3%	2.6%
99	Unclassified	8	8	1	17
	<i>As a Percent of NAICS Category Total</i>	47.1%	47.1%	5.9%	0.2%
Total Reporting NAICS and Education Level		6,685	3,144	1,211	11,040
<i>As a Percent of NAICS Category Total</i>		60.6%	28.5%	11.0%	100.0%
Population 25 Years and Older		157,783	125,188	103,228	386,199
<i>As a Percent of Total Population 25 Years and Older</i>		40.9%	32.4%	26.7%	100.0%