



Center for Economic Development and Business Research

Demographics of Wichita MSA Workers Receiving Unemployment Insurance Benefits

May 2012

The Center for Economic Development and Business Research recently acquired updates on the number of Kansas workers who received unemployment insurance benefits through first quarter 2012. The Kansas Department of Labor provided the data at the county level and included industry codes (NAICS Codes¹), 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 within a cohort, not the total number of unemployed workers reporting information. 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 second quarter 2011 through first quarter 2012 by education level in the Wichita MSA. Approximately 97 percent of workers reported educational attainment in first quarter 2012. The data shows that workers with less than a college education disproportionately experienced a higher level on unemployment.

¹ 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 on unemployment.

Table 4 includes the ethnic distribution of Wichita MSA workers receiving unemployment benefits. Fifty 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 first quarter 2012. The first quarter data shows that 16 to 19 year olds were the most proportionately unaffected by unemployment. In general, workers aged 25 to 44 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, the arts, entertainment and recreation sector, and the administrative and support sector were most adversely affected by unemployment.

The manufacturing industry had the highest concentration of unemployed individuals in first quarter 2012. That being said, the number of unemployed manufacturing workers receiving unemployment benefits has significantly declined. In second quarter 2011 there were 5,514; in first quarter 2012, the number had dropped nearly 50 percent to 2,647 unemployed workers receiving unemployment benefits. The drop may be attributed to worker unemployment benefits being exhausted, workers moving for better job opportunities or workers finding new jobs.

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					Emp.
Educational Attainment	2Q 2011	3Q 2011	4Q 2011	1Q 2012	Actual*
Less Than High School	1,644	2,415	2,369	1,853	44,659
<i>As a Percent of Reported</i>	12.5%	12.2%	15.8%	13.4%	11.6%
GED or High School	6,049	9,294	6,989	6,468	113,124
<i>As a Percent of Reported</i>	46.0%	46.8%	46.7%	46.7%	29.3%
Some College, No Degree	3,373	4,905	3,536	3,325	97,741
<i>As a Percent of Reported</i>	25.7%	24.7%	23.6%	24.0%	25.3%
Associate Degree	504	764	493	560	27,447
<i>As a Percent of Reported</i>	3.8%	3.9%	3.3%	4.0%	7.1%
Bachelor Degree	1,249	1,920	1,268	1,301	70,187
<i>As a Percent of Reported</i>	9.5%	9.7%	8.5%	9.4%	18.2%
Graduate or Professional Degree	323	546	315	350	33,041
<i>As a Percent of Reported</i>	2.5%	2.8%	2.1%	2.5%	8.6%
Information reported	13,142	19,844	14,970	13,857	386,199
<i>As a Percent of Total</i>	93.9%	92.4%	94.3%	97.0%	100.0%
Information not reported	854	1,641	904	426	NA
<i>As a Percent of Total</i>	6.1%	7.6%	5.7%	3.0%	NA
Total	13,996	21,485	15,874	14,283	386,199

*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					
	2Q 2011	3Q 2011	4Q 2011	1Q 2012	Emp. Actual*
Gender					
Female	6,505	9,811	6,261	5,856	132,473
<i>As a Percent of Reported</i>	46.5%	45.7%	39.4%	41.0%	46.5%
Male	7,491	11,674	9,613	8,427	152,505
<i>As a Percent of Reported</i>	53.5%	54.3%	60.6%	59.0%	53.5%
Information reported	13,996	21,485	15,874	14,283	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
Total	13,996	21,485	15,874	14,283	284,978

*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					
	2Q 2011	3Q 2011	4Q 2011	1Q 2012	Emp. Actual*
Race					
White	9,809	15,062	11,148	10,344	490,210
<i>As a Percent of Reported</i>	76.2%	75.7%	78.1%	79.6%	80.4%
Black or African American	2,235	3,475	2,155	1,901	45,140
<i>As a Percent of Reported</i>	17.4%	17.5%	15.1%	14.6%	7.4%
American Indian and Alaska Native	263	365	279	249	5,062
<i>As a Percent of Reported</i>	2.0%	1.8%	2.0%	1.9%	0.8%
Asian	538	943	660	472	19,936
<i>As a Percent of Reported</i>	4.2%	4.7%	4.6%	3.6%	3.3%
Native Hawaiian and Other Pacific Islander	30	58	40	33	309
<i>As a Percent of Reported</i>	0.2%	0.3%	0.3%	0.3%	0.1%
Information reported	12,875	19,903	14,282	12,999	560,657
<i>As a Percent of Total</i>	92.0%	92.6%	90.0%	91.0%	92.0%
Information not reported	1,121	1,582	1,592	1,284	48,726
<i>As a Percent of Total</i>	8.0%	7.4%	10.0%	9.0%	8.0%
Total	13,996	21,485	15,874	14,283	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 4. Unemployed by Ethnicity

Wichita MSA					
Ethnicity	2Q 2011	3Q 2011	4Q 2011	1Q 2012	Emp. Actual*
Hispanic or Latino (of any race)	1,301	2,040	2,046	1,603	65,686
<i>As a Percent of Reported</i>	18.0%	17.9%	23.0%	21.0%	10.8%
Not Hispanic or Latino	5,926	9,355	6,860	6,021	543,697
<i>As a Percent of Reported</i>	82.0%	82.1%	77.0%	79.0%	89.2%
Information reported	7,227	11,395	8,906	7,624	609,383
<i>As a Percent of Total</i>	51.6%	53.0%	56.1%	53.4%	100.0%
Information not reported	6,769	10,090	6,968	6,659	NA
<i>As a Percent of Total</i>	48.4%	47.0%	43.9%	46.6%	NA
Total	13,996	21,485	15,874	14,283	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	2Q 2011	3Q 2011	4Q 2011	1Q 2012	Emp. Actual*
16 to 19 years	110	240	184	187	17,490
<i>As a Percent of Reported</i>	0.8%	1.1%	1.2%	1.3%	5.6%
20 to 24 years	1,354	2,087	1,507	1,434	30,461
<i>As a Percent of Reported</i>	9.7%	9.7%	9.5%	10.0%	9.7%
25 to 34 years	3,688	5,406	4,056	3,689	67,248
<i>As a Percent of Reported</i>	26.4%	25.2%	25.6%	25.8%	21.5%
35 to 44 years	2,977	4,647	3,316	3,183	65,160
<i>As a Percent of Reported</i>	21.3%	21.6%	20.9%	22.3%	20.8%
45 to 54 years	3,331	5,141	3,906	3,321	73,939
<i>As a Percent of Reported</i>	23.8%	23.9%	24.6%	23.3%	23.6%
55 to 59 years	1,315	2,094	1,537	1,302	29,990
<i>As a Percent of Reported</i>	9.4%	9.7%	9.7%	9.1%	9.6%
60 to 64 years	762	1,257	904	737	18,120
<i>As a Percent of Reported</i>	5.4%	5.9%	5.7%	5.2%	5.8%
65 to 74 years	405	550	415	389	8,190
<i>As a Percent of Reported</i>	2.9%	2.6%	2.6%	2.7%	2.6%
75 to 84 years	50	58	48	39	1,748
<i>As a Percent of Reported</i>	0.4%	0.3%	0.3%	0.3%	0.6%
85 years and over	2	4	1	2	768
<i>As a Percent of Reported</i>	0.0%	0.0%	0.0%	0.0%	0.2%
Information reported	13,994	21,484	15,874	14,283	313,114
<i>As a Percent of Total</i>	100.0%	100.0%	100.0%	100.0%	100.0%
Information not reported	2	1	-	-	NA
<i>As a Percent of Total</i>	0.0%	0.0%	0.0%	0.0%	NA
Total	13,996	21,485	15,874	14,283	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 *
		2Q 2011	3Q 2011	4Q 2011	1Q 2012	
11	Agriculture, Forestry, Fishing and Hunting	28	78	46	72	525
	<i>As a Percent of Reported</i>	0.2%	0.4%	0.3%	0.5%	0.2%
21	Mining	54	42	-	46	933
	<i>As a Percent of Reported</i>	0.4%	0.2%	0.0%	0.3%	0.4%
22	Utilities	9	25	68	21	755
	<i>As a Percent of Reported</i>	0.1%	0.1%	0.4%	0.1%	0.3%
23	Construction	1,271	1,523	2,107	2,050	13,479
	<i>As a Percent of Reported</i>	9.1%	7.1%	13.3%	14.4%	5.8%
31-33	Manufacturing	2,915	5,514	3,923	2,647	52,289
	<i>As a Percent of Reported</i>	20.8%	25.7%	24.7%	18.5%	22.7%
42	Wholesale Trade	411	725	365	421	10,866
	<i>As a Percent of Reported</i>	2.9%	3.4%	2.3%	2.9%	4.7%
44-45	Retail Trade	1,072	1,524	1,180	1,249	30,441
	<i>As a Percent of Reported</i>	7.7%	7.1%	7.4%	8.7%	13.2%
48-49	Transportation and Warehousing	491	508	371	367	6,483
	<i>As a Percent of Reported</i>	3.5%	2.4%	2.3%	2.6%	2.8%
51	Information	174	252	165	177	4,753
	<i>As a Percent of Reported</i>	1.2%	1.2%	1.0%	1.2%	2.1%
52	Finance and Insurance	200	396	207	284	7,623
	<i>As a Percent of Reported</i>	1.4%	1.8%	1.3%	2.0%	3.3%
53	Real Estate and Rental and Leasing	146	215	150	148	3,295
	<i>As a Percent of Reported</i>	1.0%	1.0%	0.9%	1.0%	1.4%
54	Professional, Scientific, and Technical Services	445	599	384	388	9,035
	<i>As a Percent of Reported</i>	3.2%	2.8%	2.4%	2.7%	3.9%
55	Management of Companies and Enterprises	16	35	26	27	3,019
	<i>As a Percent of Reported</i>	0.1%	0.2%	0.2%	0.2%	1.3%
56	Admin. & Support and Waste Mgmt. & Remediation Services	1,467	2,043	2,045	1,751	16,866
	<i>As a Percent of Reported</i>	10.5%	9.5%	12.9%	12.3%	7.3%
61	Educational Services	367	510	236	196	4,218
	<i>As a Percent of Reported</i>	2.6%	2.4%	1.5%	1.4%	1.8%
62	Health Care and Social Assistance	1,333	1,814	1,216	1,277	37,329
	<i>As a Percent of Reported</i>	9.5%	8.4%	7.7%	8.9%	16.2%
71	Arts, Entertainment, and Recreation	69	88	134	123	800
	<i>As a Percent of Reported</i>	0.5%	0.4%	0.8%	0.9%	0.3%
72	Accommodation and Food Services	704	1,008	663	771	21,265
	<i>As a Percent of Reported</i>	5.0%	4.7%	4.2%	5.4%	9.2%
81	Other Services (except Public Administration)	296	378	287	268	6,593
	<i>As a Percent of Reported</i>	2.1%	1.8%	1.8%	1.9%	2.9%
92	Public Administration	369	610	344	368	NA
	<i>As a Percent of Reported</i>	2.6%	2.8%	2.2%	2.6%	NA
99	Unclassified	2,159	3,598	1,957	1,632	NA
	<i>As a Percent of Reported</i>	15.4%	16.7%	12.3%	11.4%	NA
	Information reported	13,996	21,485	15,874	14,283	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%
	Total	13,996	21,485	15,874	14,283	230,567

*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					
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	47	16	9	72
	<i>As a Percent of NAICS Category Total</i>	65.3%	22.2%	12.5%	
21	Mining	37	6	3	46
	<i>As a Percent of NAICS Category Total</i>	80.4%	13.0%	6.5%	
22	Utilities	8	10	3	21
	<i>As a Percent of NAICS Category Total</i>	38.1%	47.6%	14.3%	
23	Construction	1,567	440	36	2,043
	<i>As a Percent of NAICS Category Total</i>	76.7%	21.5%	1.8%	
31-33	Manufacturing	1,593	520	296	2,409
	<i>As a Percent of NAICS Category Total</i>	66.1%	21.6%	12.3%	
42	Wholesale Trade	204	123	85	412
	<i>As a Percent of NAICS Category Total</i>	49.5%	29.9%	20.6%	
44-45	Retail Trade	753	374	117	1,244
	<i>As a Percent of NAICS Category Total</i>	60.5%	30.1%	9.4%	
48-49	Transportation and Warehousing	257	92	18	367
	<i>As a Percent of NAICS Category Total</i>	70.0%	25.1%	4.9%	
51	Information	59	88	30	177
	<i>As a Percent of NAICS Category Total</i>	33.3%	49.7%	16.9%	
52	Finance and Insurance	126	92	66	284
	<i>As a Percent of NAICS Category Total</i>	44.4%	32.4%	23.2%	
53	Real Estate and Rental and Leasing	93	43	12	148
	<i>As a Percent of NAICS Category Total</i>	62.8%	29.1%	8.1%	
54	Professional, Scientific, and Technical Services	129	115	134	378
	<i>As a Percent of NAICS Category Total</i>	34.1%	30.4%	35.4%	
55	Management of Companies and Enterprises	11	11	5	27
	<i>As a Percent of NAICS Category Total</i>	40.7%	40.7%	18.5%	
56	Admin. & Support and Waste Mgmt. & Remediation Services	1,023	478	182	1,683
	<i>As a Percent of NAICS Category Total</i>	60.8%	28.4%	10.8%	
61	Educational Services	50	60	85	195
	<i>As a Percent of NAICS Category Total</i>	25.6%	30.8%	43.6%	
62	Health Care and Social Assistance	510	501	241	1,252
	<i>As a Percent of NAICS Category Total</i>	40.7%	40.0%	19.2%	
71	Arts, Entertainment, and Recreation	55	45	23	123
	<i>As a Percent of NAICS Category Total</i>	44.7%	36.6%	18.7%	
72	Accommodation and Food Services	534	199	38	771
	<i>As a Percent of NAICS Category Total</i>	69.3%	25.8%	4.9%	
81	Other Services (except Public Administration)	159	84	22	265
	<i>As a Percent of NAICS Category Total</i>	60.0%	31.7%	8.3%	
92	Public Administration	160	125	82	367
	<i>As a Percent of NAICS Category Total</i>	43.6%	34.1%	22.3%	
99	Unclassified	946	463	164	1,573
	<i>As a Percent of NAICS Category Total</i>	60.1%	29.4%	10.4%	
Total Reporting NAICS and Education Level		8,321	3,885	1,651	13,857
<i>As a Percent of NAICS Category Total</i>		60.0%	28.0%	11.9%	
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%	