



Center for Economic Development and Business Research

Demographics of Wichita MSA Workers Receiving Unemployment Insurance Benefits

March 2012

The Center for Economic Development and Business Research recently acquired updates on the number of Kansas workers who received unemployment insurance benefits in 2011. 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 all quarters of 2011 by education level in the Wichita MSA. More than 91 percent of workers reported educational attainment in all quarters. The data shows that workers with less than a college education were disproportionately affected by the recession.

¹ North American Industry Classification System Codes

Table 2 includes the gender distribution of Wichita MSA workers receiving unemployment benefits in 2011. All unemployment benefit recipients reported gender. Men appear to be more adversely affected by the recession.

Table 3 provides unemployment insurance data for 2011 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 were disproportionately affected by the recession.

Table 4 includes the ethnic distribution of Wichita MSA workers receiving unemployment benefits in 2011. 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 in 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 54 were most adversely affected by the recession.

The sixth table provides reported unemployment insurance data for 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.

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 during the recession 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					
Education Attainment	Unemployed				Emp. Actual*
	1Q 2011	2Q 2011	3Q 2011	4Q 2011	
Less Than High School	2,161	1,644	2,415	2,369	44,659
<i>As a Percent of Reported</i>	14.5%	12.5%	12.2%	15.8%	11.6%
GED or High School	7,159	6,049	9,294	6,989	113,124
<i>As a Percent of Reported</i>	48.0%	46.0%	46.8%	46.7%	29.3%
Some College, No Degree	3,473	3,373	4,905	3,536	97,741
<i>As a Percent of Reported</i>	23.3%	25.7%	24.7%	23.6%	25.3%
Associate Degree	535	504	764	493	27,447
<i>As a Percent of Reported</i>	3.6%	3.8%	3.9%	3.3%	7.1%
Bachelor Degree	1,275	1,249	1,920	1,268	70,187
<i>As a Percent of Reported</i>	8.5%	9.5%	9.7%	8.5%	18.2%
Graduate or Professional Degree	311	323	546	315	33,041
<i>As a Percent of Reported</i>	2.1%	2.5%	2.8%	2.1%	8.6%
Information reported	14,914	13,142	19,844	14,970	386,199
<i>As a Percent of Total</i>	91.6%	93.9%	92.4%	94.3%	100.0%
Information not reported	1,359	854	1,641	904	NA
<i>As a Percent of Total</i>	8.4%	6.1%	7.6%	5.7%	NA
Total	16,273	13,996	21,485	15,874	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					
Gender	Unemployed				Emp. Actual*
	1Q 2011	2Q 2011	3Q 2011	4Q 2011	
Female	6,107	6,505	9,811	6,261	132,473
<i>As a Percent of Reported</i>	37.5%	46.5%	45.7%	39.4%	46.5%
Male	10,166	7,491	11,674	9,613	152,505
<i>As a Percent of Reported</i>	62.5%	53.5%	54.3%	60.6%	53.5%
Information reported	16,273	13,996	21,485	15,874	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	16,273	13,996	21,485	15,874	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					
	Unemployed				Emp.
Race	1Q 2011	2Q 2011	3Q 2011	4Q 2011	Actual*
White	11,771	9,809	15,062	11,148	490,210
<i>As a Percent of Reported</i>	80.2%	76.2%	75.7%	78.1%	80.4%
Black or African American	1,928	2,235	3,475	2,155	45,140
<i>As a Percent of Reported</i>	13.1%	17.4%	17.5%	15.1%	7.4%
American Indian and Alaska Native	258	263	365	279	5,062
<i>As a Percent of Reported</i>	1.8%	2.0%	1.8%	2.0%	0.8%
Asian	685	538	943	660	19,936
<i>As a Percent of Reported</i>	4.7%	4.2%	4.7%	4.6%	3.3%
Native Hawaiian and Other Pacific Islander	39	30	58	40	309
<i>As a Percent of Reported</i>	0.3%	0.2%	0.3%	0.3%	0.1%
Information reported	14,681	12,875	19,903	14,282	560,657
<i>As a Percent of Total</i>	90.2%	92.0%	92.6%	90.0%	92.0%
Information not reported	1,592	1,121	1,582	1,592	48,726
<i>As a Percent of Total</i>	9.8%	8.0%	7.4%	10.0%	8.0%
Total	16,273	13,996	21,485	15,874	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					
	Unemployed				Emp.
Ethnicity	1Q 2011	2Q 2011	3Q 2011	4Q 2011	Actual*
Hispanic or Latino (of any race)	1,903	1,301	2,040	2,046	65,686
<i>As a Percent of Reported</i>	20.8%	18.0%	17.9%	23.0%	10.8%
Not Hispanic or Latino	7,266	5,926	9,355	6,860	543,697
<i>As a Percent of Reported</i>	79.2%	82.0%	82.1%	77.0%	89.2%
Information reported	9,169	7,227	11,395	8,906	609,383
<i>As a Percent of Total</i>	56.3%	51.6%	53.0%	56.1%	100.0%
Information not reported	7,104	6,769	10,090	6,968	NA
<i>As a Percent of Total</i>	43.7%	48.4%	47.0%	43.9%	NA
Total	16,273	13,996	21,485	15,874	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	Unemployed				Emp. Actual*
	1Q 2011	2Q 2011	3Q 2011	4Q 2011	
16 to 19 years	142	110	240	184	17,490
<i>As a Percent of Reported</i>	0.9%	0.8%	1.1%	1.2%	5.6%
20 to 24 years	1,507	1,354	2,087	1,507	30,461
<i>As a Percent of Reported</i>	9.3%	9.7%	9.7%	9.5%	9.7%
25 to 34 years	4,177	3,688	5,406	4,056	67,248
<i>As a Percent of Reported</i>	25.7%	26.4%	25.2%	25.6%	21.5%
35 to 44 years	3,633	2,977	4,647	3,316	65,160
<i>As a Percent of Reported</i>	22.3%	21.3%	21.6%	20.9%	20.8%
45 to 54 years	3,933	3,331	5,141	3,906	73,939
<i>As a Percent of Reported</i>	24.2%	23.8%	23.9%	24.6%	23.6%
55 to 59 years	1,453	1,315	2,094	1,537	29,990
<i>As a Percent of Reported</i>	8.9%	9.4%	9.7%	9.7%	9.6%
60 to 64 years	970	762	1,257	904	18,120
<i>As a Percent of Reported</i>	6.0%	5.4%	5.9%	5.7%	5.8%
65 to 74 years	410	405	550	415	8,190
<i>As a Percent of Reported</i>	2.5%	2.9%	2.6%	2.6%	2.6%
75 to 84 years	45	50	58	48	1,748
<i>As a Percent of Reported</i>	0.3%	0.4%	0.3%	0.3%	0.6%
85 years and over	3	2	4	1	768
<i>As a Percent of Reported</i>	0.0%	0.0%	0.0%	0.0%	0.2%
Information reported	16,273	13,994	21,484	15,874	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	16,273	13,996	21,485	15,874	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 *
		1Q 2011	2Q 2011	3Q 2011	4Q 2011	
11	Agriculture, Forestry, Fishing and Hunting	63	28	78	46	525
	<i>As a Percent of Reported</i>	0.4%	0.2%	0.4%	0.3%	0.2%
21	Mining	45	54	42	-	933
	<i>As a Percent of Reported</i>	0.3%	0.4%	0.2%	0.0%	0.4%
22	Utilities	14	9	25	68	755
	<i>As a Percent of Reported</i>	0.1%	0.1%	0.1%	0.4%	0.3%
23	Construction	2,500	1,271	1,523	2,107	13,479
	<i>As a Percent of Reported</i>	15.4%	9.1%	7.1%	13.3%	5.8%
31-33	Manufacturing	3,500	2,915	5,514	3,923	52,289
	<i>As a Percent of Reported</i>	21.5%	20.8%	25.7%	24.7%	22.7%
42	Wholesale Trade	817	411	725	365	10,866
	<i>As a Percent of Reported</i>	5.0%	2.9%	3.4%	2.3%	4.7%
44-45	Retail Trade	1,274	1,072	1,524	1,180	30,441
	<i>As a Percent of Reported</i>	7.8%	7.7%	7.1%	7.4%	13.2%
48-49	Transportation and Warehousing	385	491	508	371	6,483
	<i>As a Percent of Reported</i>	2.4%	3.5%	2.4%	2.3%	2.8%
51	Information	182	174	252	165	4,753
	<i>As a Percent of Reported</i>	1.1%	1.2%	1.2%	1.0%	2.1%
52	Finance and Insurance	219	200	396	207	7,623
	<i>As a Percent of Reported</i>	1.3%	1.4%	1.8%	1.3%	3.3%
53	Real Estate and Rental and Leasing	156	146	215	150	3,295
	<i>As a Percent of Reported</i>	1.0%	1.0%	1.0%	0.9%	1.4%
54	Professional, Scientific, and Technical Services	379	445	599	384	9,035
	<i>As a Percent of Reported</i>	2.3%	3.2%	2.8%	2.4%	3.9%
55	Management of Companies and Enterprises	24	16	35	26	3,019
	<i>As a Percent of Reported</i>	0.1%	0.1%	0.2%	0.2%	1.3%
56	Admin. & Support and Waste Mgmt. & Remediation Services	1,679	1,467	2,043	2,045	16,866
	<i>As a Percent of Reported</i>	10.3%	10.5%	9.5%	12.9%	7.3%
61	Educational Services	231	367	510	236	4,218
	<i>As a Percent of Reported</i>	1.4%	2.6%	2.4%	1.5%	1.8%
62	Health Care and Social Assistance	1,221	1,333	1,814	1,216	37,329
	<i>As a Percent of Reported</i>	7.5%	9.5%	8.4%	7.7%	16.2%
71	Arts, Entertainment, and Recreation	-	69	88	134	800
	<i>As a Percent of Reported</i>	0.0%	0.5%	0.4%	0.8%	0.3%
72	Accommodation and Food Services	741	704	1,008	663	21,265
	<i>As a Percent of Reported</i>	4.6%	5.0%	4.7%	4.2%	9.2%
81	Other Services (except Public Administration)	345	296	378	287	6,593
	<i>As a Percent of Reported</i>	2.1%	2.1%	1.8%	1.8%	2.9%
92	Public Administration	433	369	610	344	NA
	<i>As a Percent of Reported</i>	2.7%	2.6%	2.8%	2.2%	NA
99	Unclassified	2,065	2,159	3,598	1,957	NA
	<i>As a Percent of Reported</i>	12.7%	15.4%	16.7%	12.3%	NA
	Information reported	16,273	13,996	21,485	15,874	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	16,273	13,996	21,485	15,874	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	31	11	4	46	
<i>As a Percent of NAICS Category Total</i>	67.4%	23.9%	8.7%		
21 Mining	-	-	-	-	
<i>As a Percent of NAICS Category Total</i>	N/A	N/A	N/A		
22 Utilities	43	15	10	68	
<i>As a Percent of NAICS Category Total</i>	63.2%	22.1%	14.7%		
23 Construction	1,632	408	50	2,090	
<i>As a Percent of NAICS Category Total</i>	78.1%	19.5%	2.4%		
31-33 Manufacturing	2,217	617	282	3,116	
<i>As a Percent of NAICS Category Total</i>	71.1%	19.8%	9.1%		
42 Wholesale Trade	184	118	63	365	
<i>As a Percent of NAICS Category Total</i>	50.4%	32.3%	17.3%		
44-45 Retail Trade	683	389	107	1,179	
<i>As a Percent of NAICS Category Total</i>	57.9%	33.0%	9.1%		
48-49 Transportation and Warehousing	278	75	18	371	
<i>As a Percent of NAICS Category Total</i>	74.9%	20.2%	4.9%		
51 Information	56	79	30	165	
<i>As a Percent of NAICS Category Total</i>	33.9%	47.9%	18.2%		
52 Finance and Insurance	74	79	54	207	
<i>As a Percent of NAICS Category Total</i>	35.7%	38.2%	26.1%		
53 Real Estate and Rental and Leasing	90	45	15	150	
<i>As a Percent of NAICS Category Total</i>	60.0%	30.0%	10.0%		
54 Professional, Scientific, and Technical Services	148	100	126	374	
<i>As a Percent of NAICS Category Total</i>	39.6%	26.7%	33.7%		
55 Management of Companies and Enterprises	10	6	10	26	
<i>As a Percent of NAICS Category Total</i>	38.5%	23.1%	38.5%		
56 Admin. & Support and Waste Mgmt. & Remediation Services	1,283	534	219	2,036	
<i>As a Percent of NAICS Category Total</i>	63.0%	26.2%	10.8%		
61 Educational Services	67	66	103	236	
<i>As a Percent of NAICS Category Total</i>	28.4%	28.0%	43.6%		
62 Health Care and Social Assistance	516	503	193	1,212	
<i>As a Percent of NAICS Category Total</i>	42.6%	41.5%	15.9%		
71 Arts, Entertainment, and Recreation	75	41	18	134	
<i>As a Percent of NAICS Category Total</i>	56.0%	30.6%	13.4%		
72 Accommodation and Food Services	467	176	20	663	
<i>As a Percent of NAICS Category Total</i>	70.4%	26.5%	3.0%		
81 Other Services (except Public Administration)	178	86	23	287	
<i>As a Percent of NAICS Category Total</i>	62.0%	30.0%	8.0%		
92 Public Administration	138	139	67	344	
<i>As a Percent of NAICS Category Total</i>	40.1%	40.4%	19.5%		
99 Unclassified	1,188	542	171	1,901	
<i>As a Percent of NAICS Category Total</i>	62.5%	28.5%	9.0%		
Total Reporting NAICS and Education Level	9,358	4,029	1,583	14,970	
<i>As a Percent of NAICS Category Total</i>	62.5%	26.9%	10.6%		
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%		