

Missouri Job Vacancy Survey

Kansas City & St. Louis
Metropolitan Statistical Areas
May 2006

Missouri Economic Research Information Center
&
Public Policy Research Center
University of Missouri – St. Louis

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Executive Summary

In May 2006, the Public Policy Research Center (PPRC) at the University of Missouri – St. Louis, conducted a Job Vacancy Survey for both the St. Louis Metropolitan Statistical Area (MSA) and the Kansas City MSA. This survey effort is intended to produce timely and consistent labor market demand information.

The results of the survey indicate that there were an estimated 44,676 job vacancies in the St. Louis MSA and another 40,046 estimated job vacancies in the Kansas City MSA. The top three industries with the most estimated job vacancies for both MSAs were: *Accommodation and Food Services, Healthcare and Social Assistance, and Retail Trade*. Over half of all estimated job vacancies for both MSAs are *full-time*, require only *entry-level* (less than one year) experience, and call for a *high school diploma or less*.

Overall, the employment outlook for both MSAs is positive with over half of all companies for both MSAs responding that they plan to maintain or increase their current employment level over the next six months.

For quick reference, the following section presents a snapshot of the major results of the St. Louis MSA and Kansas City MSA Job Vacancy Surveys.

**Percent of Full-Time and Part-Time
Estimated Job Vacancies by MSA**

	STL	KC
Full - time	65.1	67.5
Part- time	34.4	32.0
Not Provided	0.4	0.5
Total	100.0	100.0

** Not provided includes don't know/not sure and refused to answer*

Industry

Estimated Job Vacancies of Top 3 Industries by MSA

Industry	STL	KC
Accommodation and Food Services	9,690	8,008
HealthCare and Social Assistance	9,503	4,480
Retail Trade	5,287	5,154
Total	24,480	17,642

Percent of Estimated Job Vacancies of Top 3 Industries by MSA

Industry	STL	KC
Accommodation and Food Services	21.7	20.0
HealthCare and Social Assistance	21.3	11.2
Retail Trade	11.8	12.9
Total	54.8	44.1

Experience

Percent of Estimated Job Vacancies by Experience Required by MSA

	Entry-Level		Experienced		All Other*	
	STL	KC	STL	KC	STL	KC
	57.6	54.6	31.7	38.3	10.7	7.1

* All other includes other experience, don't know/not sure and refused to answer

Percent of Estimated Job Vacancies by Experience Required and Industry by Louis MSA

Industry	Entry-Level		Experienced		All Other*	
	STL	KC	STL	KC	STL	KC
Accommodation and Food Services	81.6	78.5	18.3	20.5	0.1	1.0
HealthCare and Social Assistance	36.8	43.4	34.7	34.2	28.5	22.4
Retail Trade	66.8	66.8	28.5	31.4	4.7	1.8
Educational Services	52.4	46.4	32.1	24.8	15.5	28.9
Professional, Scientific, and Technical Services	46.3	38.4	48.2	59.4	5.5	2.2
Finance and Insurance	65.5	51.2	25.1	42.8	9.4	6.0
Manufacturing	40.3	31.1	48.4	64.8	11.3	4.1
Construction	67.7	53.3	30.3	46.7	2.1	0.0
Other Services (except Public Administration)	37.2	66.6	48.9	28.7	13.9	4.7
Admin. and Support and Waste Mngt and Remediation Svcs	88.4	56.3	11.0	42.6	0.6	1.0
Wholesale Trade	36.5	44.7	52.5	54.7	11.0	0.7
Public Administration	60.2	38.2	22.3	34.0	17.5	27.8
Transportation and Warehousing	40.9	25.1	51.3	72.8	7.8	2.1
Information	29.0	42.6	65.1	56.2	6.0	1.2
Real Estate and Rental and Leasing	71.2	69.6	27.2	21.2	1.6	9.2
Arts, Entertainment, and Recreation	65.2	22.3	33.6	61.2	1.2	16.5
Mining	14.3	0.0	71.4	0.0	14.3	0.0
Agriculture, Forestry, Fishing and Hunting	66.7	0.0	33.3	0.0	0.0	0.0
Utilities	0.0	0.0	100.0	100.0	0.0	0.0

* All other includes other experience, don't know/not sure and refused to answer

Education

Percent of Estimated Job Vacancies by Preferred Education by MSA

	High school or Less		AA Degree - Graduate Degree		Certification		All other*	
	STL	KC	STL	KC	STL	KC	STL	KC
	53.9	58.1	24.0	21.4	13.0	7.5	9.1	12.9

* All other includes other education, don't know/not sure and refused to answer

Percent of Estimated Job Vacancies by Preferred Education and Experience Required by MSA

Experience Required	High school or Less		AA Degree - Graduate Degree		Certification		All other*	
	STL	KC	STL	KC	STL	KC	STL	KC
Entry-Level	68.4	78	11.7	10.3	11.8	4.2	8.2	7.5
Experienced	40.0	37.2	42.5	33.8	10.2	11.6	7.4	17.4
All Other**	17.6	17.5	35.6	40.6	27.6	11.4	19.2	30.5

* All other includes other education, don't know/not sure and refused to answer

** All other includes other experience, don't know/not sure and refused to answer

Percent of Estimated Job Vacancies by Preferred Education and Industry by MSA

Industry	High school or Less		AA Degree - Graduate Degree		Certification		All other*	
	STL	KC	STL	KC	STL	KC	STL	KC
Accommodation and Food Services	35.8	29.4	1.0	1.4	0.0	0.4	23.4	20.3
HealthCare and Social Assistance	10.0	6.3	30.9	8.2	52.4	0.1	18.3	3.1
Retail Trade	18.0	17.0	5.8	5.2	3.3	9.4	3.7	9.0
Educational Services	1.8	2.0	10.7	0.9	23.7	0.0	9.4	0.6
Professional, Scientific, and Technical Services	2.8	3.2	13.9	1.8	9.1	1.9	4.4	16.4
Finance and Insurance	6.7	8.9	5.7	16.0	0.6	40.1	7.8	8.4
Manufacturing	5.1	3.8	7.4	6.2	0.6	6.8	0.6	3.5
Construction	4.2	8.0	5.2	26.9	1.5	2.0	3.2	6.4
Other Services (except Public Administration)	2.6	3.1	3.2	4.6	4.9	6.2	12.2	1.1
Admin. and Support and Waste Mngt and Remediation Svcs	3.3	1.3	5.2	4.1	0.3	1.0	0.1	1.4
Wholesale Trade	3.3	2.9	3.4	6.2	0.2	2.8	2.1	0.9
Public Administration	1.3	2.6	1.4	0.5	2.7	2.1	5.5	9.1
Transportation and Warehousing	2.7	3.2	0.4	4.3	0.1	5.4	2.8	12.9
Information	0.2	3.5	2.8	11.0	0.3	8.6	3.7	5.3
Real Estate and Rental and Leasing	1.4	2.4	1.7	0.8	0.0	8.8	0.0	0.2
Arts, Entertainment, and Recreation	1.0	2.4	1.2	2.1	0.2	4.4	2.8	1.4
Mining	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Agriculture, Forestry, Fishing and Hunting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* All other includes other education, don't know/not sure and refused to answer

Wages

Estimated Job Vacancies by Wage by Experience Required by MSA

Wage	Entry-Level		Experienced		Not provided*		Total	
	STL	KC	STL	KC	STL	KC	STL	KC
< \$8.00	9,272	8,725	1,860	1,182	56	9	11,188	9,916
\$8.00- \$14.99	5,200	7,599	2,921	4,318	378	617	8,499	12,534
\$15.00+	3,668	2,798	4,692	4,748	435	183	8,795	7,729
Not provided*	7,590	2,743	4,672	5,096	3,932	2,028	16,194	9,867
Total	25,730	21,865	14,145	15,344	4,801	2,837	44,676	40,046

* Not provided includes don't know/not sure and refused to answer

Percent of Estimated Job Vacancies by Wage by Experience Required by MSA

Wage	Entry-Level		Experienced		Not provided*		Total	
	STL	KC	STL	KC	STL	KC	STL	KC
< \$8.00	36.0	39.9	13.1	7.7	1.2	0.3	25.0	24.8
\$8.00- \$14.99	20.2	34.8	20.7	28.1	7.9	21.7	19.0	31.3
\$15.00+	14.3	12.8	33.2	30.9	9.1	6.5	19.7	19.3
Not provided*	29.5	12.5	33.0	33.2	81.9	71.5	36.2	24.6

* Not provided includes don't know/not sure and refused to answer

Benefits and Training

Estimated Job Vacancies by Benefits and Training and Full-Time or Part-Time by MSA

Benefit and Training	Full - Time		Part-Time		Not Provided*		Total	
	STL	KC	STL	KC	STL	KC	STL	KC
Vacation	23,572	22,687	4,457	5,215	154	28	28,183	27,930
Medical	24,774	22,791	4,383	4,617	154	35	29,311	27,443
Dental	23,566	19,708	4,040	4,027	154	35	27,760	23,770
On the Job Training	17,989	22,538	10,681	9,944	0	4	28,670	32,486
Mentoring	11,671	15,962	3,658	4,657	0	3	15,329	20,622

* Not provided includes don't know/not sure and refused to answer

Percent of Estimated Job Vacancies by Benefits and Training and Full-Time or Part-Time by MSA

Benefit and Training	Full - Time		Part-Time		Not Provided*		Total	
	STL	KC	STL	KC	STL	KC	STL	KC
Vacation	83.6	81.2	15.8	18.7	0.5	0.1	100.0	100.0
Medical	84.5	83.0	15.0	16.8	0.5	0.1	100.0	100.0
Dental	84.9	82.9	14.6	16.9	0.6	0.1	100.0	100.0
On the Job Training	62.7	69.4	37.3	30.6	0.0	0.0	100.0	100.0
Mentoring	76.1	77.4	23.9	22.6	0.0	0.0	100.0	100.0

* Not provided includes don't know/not sure and refused to answer

Occupations

Percent of Estimated Job Vacancies by Selected Occupation by MSA

Occupation	STL	KC
Waiters and Waitresses	7.8	5.3
Retail Salespersons	7.6	3.5
Registered Nurses	6.8	2.2
Food Preparation Workers	4.5	0.7
Combined Food Preparation and Serving Workers, Including Fast Food	2.6	4.0
Nursing Aides, Orderlies, and Attendants	2.5	1.4
Customer Service Representatives	2.4	1.7
Loan Officers	2.3	2.8
Sales Representatives, Services, All Other	1.7	2.1
Construction Laborers	0.7	2.2
Food Service Managers	0.3	2.9
Total	39.1	28.8

About the Survey

Background

In 2005, the U.S. Department of Defense began the largest, joint-service-oriented round of Base Realignment and Closure (BRAC) ever attempted. Over 800 active National Guard and Reserve installations around the nation were affected.¹ Installations in the Kansas City and St. Louis MSAs were included in the BRAC recommendations. In responding to these closures and to help mitigate their effects on Missouri's workforce, the Missouri Division of Workforce Development and the Missouri Economic Research and Information Center (MERIC) sought to gather current information from employers about available job vacancies in these MSAs.

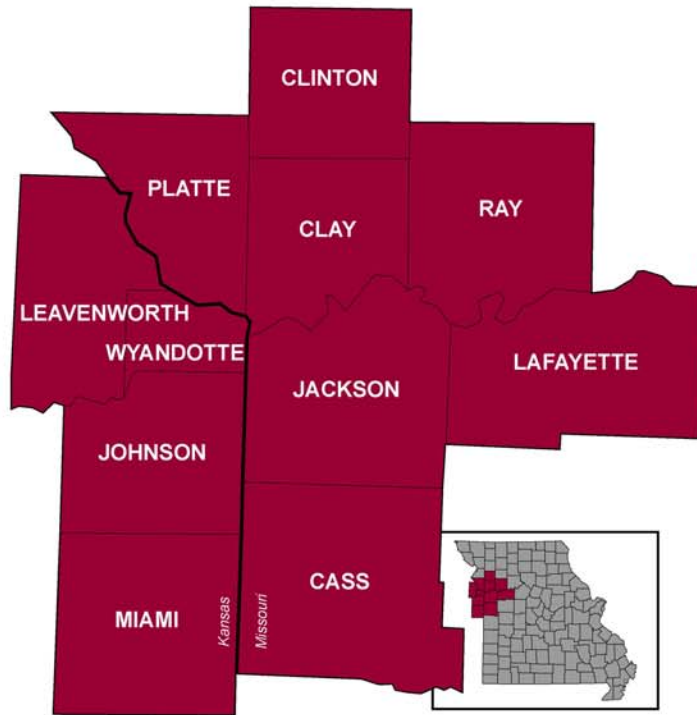
Since October 2001, the PPRC has conducted a Job Vacancy Survey in the St. Louis MSA twice annually.² While the Job Vacancy Survey is conducted in all 12 counties of the St. Louis MSA, the survey effort is directly supported by the Workforce Investment Boards in the City of St. Louis, St. Louis County, St. Charles County, Jefferson, and Franklin counties in Missouri and Madison and St. Clair counties in Illinois. With the support of a U.S. Department of Labor Grant, MERIC has collaborated with the PPRC to conduct a bi-annual Job Vacancy Survey for the Kansas City MSA.³ This May 2006 survey effort was the first in the Kansas City MSA.

¹ American Forces Information Service, www.defenselink.mil, Dec. 12, 2005.

² The St. Louis MSA consists of 12 counties which include Clinton, Jersey, Madison, Monroe, and St. Clair Counties in Illinois, and Franklin, Jefferson, Lincoln, St. Charles, St. Louis and Warren Counties and the City of St. Louis in Missouri.

³ The Kansas City MSA consists of 11 counties which include Johnson, Leavenworth, Miami and Wyandotte counties in Kansas and Cass, Clay, Clinton, Jackson, Lafayette, Platte, and Ray counties in Missouri.

Kansas City, MO-KS Metropolitan Region



St. Louis, MO-IL Metropolitan Region



Goals

Although commonly reported labor-related economic indicators such as the unemployment rate, the level of employment, and new job creation have been used to measure and track the local economy and trends in labor force participation, they often do not have direct utility for planning workforce development.

One goal of the Job Vacancy Survey is to focus on labor demand specifically through providing estimated job vacancies in a timely (every six months) and consistent method. In addition, the Job Vacancy Survey provides focused information about the reported occupations, including the necessary skills, education, desired years of experience, math and reading level requirements, and required/desired personal attributes.⁴ The information can be used to direct the planning and allocation of training and education resources to better prepare the local workforce to meet existing local demand. For clarity, the two major research goals of the Job Vacancy Survey are:

1. Prepare estimates of job vacancies within the St. Louis MSA and the Kansas City MSA twice annually.
2. Provide detailed information on reported occupations, their specific skill requirements, and wage and benefit data.

⁴ For this May 2006 survey, the St. Louis Job Vacancy Survey instrument contains 13 questions while the Kansas City Job Vacancy Survey contains 7 questions (<https://pprc.umsl.edu/survey/>). The extent of occupational detail depends on the Job Vacancy Survey used.

Summary for Kansas City MSA

The results of the May 2006 Kansas City MSA Job Vacancy Survey show that there are 40,046 estimated job vacancies.

**Estimated Job Vacancies for
Kansas City MSA**

	Total	Percent
Full - Time	27,025	67.5
Part- Time	12,817	32.0
Not Provided	204	0.5
Total	40,046	100.0

** Not provided includes don't know/not sure and refused to answer*

Geography

Four counties in the Kansas City MSA comprise 92.9 percent of estimated job vacancies: *Jackson County, MO, Johnson County, KS, Clay County, MO, and Wyandotte County, KS*. The Missouri counties in the Kansas City MSA account for 59.0 percent of all estimated job vacancies, while the Kansas counties account for 41.0 percent.

**Estimated Job Vacancies by County for
Kansas City MSA**

County	Total	Percent
Johnson County, KS	13,390	33.4
Wyandotte County, KS	2,513	6.3
Leavenworth County, KS	422	1.1
Miami County, KS	92	0.2
Kansas Total	16,417	41.0
Jackson County, MO	18,148	45.3
Clay County, MO	3,132	7.8
Platte County, MO	1,533	3.8
Cass County, MO	543	1.4
Clinton County, MO	211	0.5
Lafayette County, MO	38	0.1
Ray County, MO	24	0.1
Missouri Total	23,629	59.0
Kansas City MSA Total	40,046	100.0

Industry

Six industries in the Kansas City MSA constitute 66.9 percent of the estimated job vacancies: *Accommodation and Food Service, Retail Trade, Healthcare and Social Assistance, Professional, Scientific, and Technical Services, Finance and Insurance, and Construction.*

Estimated Job Vacancies by Industry for Kansas City MSA

Industry	Total	Percent
Accommodation and Food Services	8,008	20.0
Retail Trade	5,154	12.9
HealthCare and Social Assistance	4,480	11.2
Professional, Scientific, and Technical Services	3,438	8.6
Finance and Insurance	2,941	7.3
Construction	2,767	6.9
Educational Services	1,939	4.8
Other Services (except Public Administration)	1,931	4.8
Arts, Entertainment, and Recreation	1,602	4.0
Manufacturing	1,527	3.8
Wholesale Trade	1,341	3.3
Real Estate and Rental and Leasing	1,132	2.8
Transportation and Warehousing	1,094	2.7
Public Administration	992	2.5
Information	927	2.3
Admin. and Support and Waste Mngt and Remediation Svcs	772	1.9
Utilities	1	0.0
Total	40,046	100.0

Of these six industries, *Professional, Scientific, and Technical Services* is projected to have the fastest rate of growth (24.2%) over the next 6 years, according to a 2006 MERIC study.⁵ According to the same study, *Construction* is projected to grow at a rate of 20.7 percent, *Accommodation and Food Services* at a rate of 16.6 percent. *Healthcare and Social Assistance* (11.6%), *Retail Trade* (7.5%), and *Finance and Insurance* (6.6%) are each projected to grow.

⁵ Industry Employment Projections, MERIC 2006
<http://www.missourieconomy.org/industry/indprj/Default.aspx?fips=2915000001&prj=lt>

Experience

Over half (54.6%) of estimated job vacancies in the Kansas City MSA require *entry-level* experience (*less than 1 year or no experience*) whereas 38.3 percent of the estimated job vacancies require *experienced* workers. (*1-3 years: 28.0%; 4-10 years: 9.3%; 10+ years: 1.0%*).

Estimated Job Vacancies by Experience Required for Kansas City MSA

	Entry-Level		Experienced		All Other*	
	Total	%	Total	%	Total	%
Kansas City MSA	21,865	54.6	15,344	38.3	2,837	7.1

* All other includes other experience, don't know/not sure and refused to answer

Estimated Job Vacancies by Industry and Experience Required for Kansas City MSA

Industry	Entry-Level		Experienced		All Other*	
	Total	%	Total	%	Total	%
Accommodation and Food Services	6,290	78.5	1,640	20.5	78	1.0
Retail Trade	3,443	66.8	1,619	31.4	92	1.8
HealthCare and Social Assistance	1,943	43.4	1,532	34.2	1,005	22.4
Professional, Scientific, and Technical Services	1,321	38.4	2,041	59.4	76	2.2
Finance and Insurance	1,506	51.2	1,258	42.8	177	6.0
Construction	1,474	53.3	1,293	46.7	0	0.0
Educational Services	899	46.4	480	24.8	560	28.9
Other Services (except Public Administration)	1,286	66.6	554	28.7	91	4.7
Arts, Entertainment, and Recreation	357	22.3	981	61.2	264	16.5
Manufacturing	475	31.1	989	64.8	63	4.1
Wholesale Trade	599	44.7	733	54.7	9	0.7
Real Estate and Rental and Leasing	788	69.6	240	21.2	104	9.2
Transportation and Warehousing	275	25.1	796	72.8	23	2.1
Public Administration	379	38.2	337	34.0	276	27.8
Information	395	42.6	521	56.2	11	1.2
Admin. and Support and Waste Mngt and Remediation Svcs	435	56.3	329	42.6	8	1.0
Utilities	0	0.0	1	100.0	0	0.0

* All other includes other experience, don't know/not sure and refused to answer

Education

The majority of estimated job vacancies (58.1%) require *a high school diploma or less*. Another 21.4 percent of estimated job vacancies require an *associate's degree or higher*, and another 7.5 percent of estimated job vacancies require *special, technical or professional certification* (see table below).

**Percent of Estimated Job Vacancies by Preferred Education
for Kansas City MSA**

	High school Diploma or Less	AA degree - Graduate Degree	Certification	All other*
Kansas City MSA	58.1	21.4	7.5	12.9

* All other includes other education, don't know/not sure and refused to answer

**Percent of Estimated Job Vacancies by Experience Required and
Preferred Education for Kansas City MSA**

Experienced Required	High school Diploma or Less	AA degree - Graduate Degree	Certification	All other*
Entry-Level	78.0	10.3	4.2	7.5
Experienced	37.2	33.8	11.6	17.4
All Other**	17.5	40.6	11.4	30.5

*All other includes other education, don't know/not sure and refused to answer

**All other includes other experience, don't know/not sure and refused to answer

**Percent of Estimated Job Vacancies by Preferred Education
and Industry for Kansas City MSA**

Industry	High school Diploma or Less	AA degree - Graduate Degree	Certification	All other*
Accommodation and Food Services	29.4	1.4	0.4	20.3
Retail Trade	17.0	5.2	9.4	9.0
Finance and Insurance	8.9	16.0	40.1	8.4
Construction	8.0	26.8	2.0	6.4
HealthCare and Social Assistance	6.3	8.2	0.1	3.1
Manufacturing	3.8	6.2	6.8	3.5
Information	3.5	11.0	8.6	5.3
Transportation and Warehousing	3.2	4.3	5.4	12.9
Professional, Scientific, and Technical Services	3.2	1.8	1.9	16.4
Other Services (except Public Administration)	3.1	4.6	6.2	1.1
Wholesale Trade	2.9	6.2	2.8	0.9
Public Administration	2.6	0.5	2.1	9.1
Real Estate and Rental and Leasing	2.4	0.8	8.8	0.2
Arts, Entertainment, and Recreation	2.4	2.1	4.4	1.4
Educational Services	2.0	0.9	0.0	0.6
Admin. and Support and Waste Mngt and Remediation Svcs	1.3	4.1	1.0	1.4
Utilities	0.0	0.0	0.0	0.0

* All other includes other education, don't know/not sure and refused to answer

Wages

Of the 40,046 estimated job vacancies in the Kansas City MSA⁶, 31.3 percent offer \$8.00 – \$14.99 per hour while 24.8 percent offer less than \$8.00 per hour. There were an additional 19.3 percent of estimated job vacancies that offer \$15.00 or more per hour.

Estimated Job Vacancies by Wage and Experience Required for Kansas City MSA

Wage	Entry-Level	Experienced	All Other*	Total
< \$8.00	8,725	1,182	9	9,916
\$8.00- \$14.99	7,599	4,318	617	12,534
\$15.00+	2,798	4,748	183	7,729
Not provided**	2,743	5,096	2,028	9,867
Total	21,865	15,344	2,837	40,046

* All other includes other experience, don't know/not sure and refused to answer

**Not provided includes don't know/not sure and refused to answer

Percent of Estimated Job Vacancies by Wage and Experience Required for Kansas City MSA

Wage	Entry-Level	Experienced	All Other*	Total
< \$8.00	88.0	11.9	0.1	100.0
\$8.00- \$14.99	60.6	34.5	4.9	100.0
\$15.00+	36.2	61.4	2.4	100.0
Not provided**	27.8	51.6	20.6	100.0

* All other includes other experience, don't know/not sure and refused to answer

**Not provided includes don't know/not sure and refused to answer

Benefits and Training

In terms of benefits and training offered, 81.1 percent of estimated job vacancies in the Kansas City MSA provide *on-the-job training*, and 51.1 percent provide *mentoring*. Well over half of the estimated job vacancies provide vacation (69.7%), medical (68.5%), and dental (59.4%) benefits. Only 4.4 percent of estimated job vacancies provide no benefits (see table below).

⁶ 26.4 percent of estimated job vacancies had no reported wage in the Kansas City MSA.

**Estimated Job Vacancies by Benefits and Training
and Full-Time or Part-Time for Kansas City MSA**

Benefit and Training	Full - Time	Part-Time	Not Provided*	Total
Vacation	22,687	5,215	28	27,930
Medical	22,791	4,617	35	27,443
Dental	19,708	4,027	35	23,770
On the Job Training	22,538	9,944	4	32,486
Mentoring	15,962	4,657	3	20,622

** Not provided includes don't know/not sure and refused to answer*

**Percent of Estimated Job Vacancies by Benefits and Training
and Full-Time or Part-Time for Kansas City MSA**

Benefit and Training	Full - Time	Part-Time	Not Provided*	Total
Vacation	81.2	18.7	0.1	100.0
Medical	83.0	16.8	0.1	100.0
Dental	82.9	16.9	0.1	100.0
On the Job Training	69.4	30.6	0.0	100.0
Mentoring	77.4	22.6	0.0	100.0

** Not provided includes don't know/not sure and refused to answer*

Occupations

In the Kansas City MSA, eight occupations represent 25.0 percent of the estimated job vacancies. These occupations are:

**Percent of Estimated Job Vacancies by Selected Occupation
for the Kansas City MSA**

Occupation	Percent
Waiters and Waitresses	5.3
Combined Food Preparation and Serving Workers, Including Fast Food	4.0
Retail Salesperson	3.5
Food Services Manger	2.9
Loan Officers	2.8
Construction Laborers	2.2
Registered Nurses	2.2
Sales Representatives, Services, All Other	2.1
Total	25.0

According to a study by MERIC, these eight in-demand occupations in the Kansas City MSA are projected to have continued growth in coming years.⁷

For more detailed information on the reported occupations, please visit <http://pprc.umsl.edu/wis/>.

⁷ Based on the 2002-2012 Kansas City Metropolitan Occupational Projections, and November 2002 Occupational Employment and Wage Survey, MERIC. Data calculated on the Missouri-side only counties of the Kansas City MSA.

Summary for St. Louis MSA

The results of the May 2006 St. Louis MSA Job Vacancy Survey show that there are 44,676 estimated job vacancies.

**Estimated Job Vacancies
for St. Louis MSA**

	Total	Percent
Full - time	29,099	189.1
Part- time	15,385	100.0
Not Provided	192	1.2
Total	44,676	290.4

** Not provided includes don't know/not sure and refused to answer*

Geography

Five counties in the St. Louis MSA comprise 93.8 percent of estimated job vacancies: *St. Louis County, St. Louis City, and Charles County* in Missouri, and *Madison and St. Clair Counties* in Illinois. The Missouri counties in the St. Louis MSA account for 84.4 percent of all estimated job vacancies, while the Illinois counties account for 15.6 percent.

**Estimated Job Vacancies by County
for St. Louis MSA**

County	Total	Percent
Madison County, IL	4,388	63.1
St. Clair County, IL	2,234	32.1
Clinton County, IL	162	2.3
Jersey County, IL	100	1.4
Monroe County, IL	75	1.1
Illinois Total	6,959	15.6
St. Louis County, MO	24,583	65.2
St. Louis City, MO	7,141	18.9
St. Charles County, MO	3,542	9.4
Jefferson County, MO	1,135	3.0
Franklin County, MO	881	2.3
Lincoln County, MO	328	0.9
Warren County, MO	107	0.3
Missouri Total	37,717	84.4
St. Louis MSA Total	44,676	100.0

Industry

Six industries in the St. Louis MSA constitute 68.7 percent of all the estimated job vacancies: *Accommodation and Food Service, Healthcare and Social Assistance, Retail Trade, Educational Services, Professional, Scientific, and Technical Services, and Finance and Insurance.*

Estimated Job Vacancies by Industry for St. Louis MSA

Industry	Total	Percent
Accommodation and Food Services	9,690	21.7
HealthCare and Social Assistance	9,503	21.3
Retail Trade	5,287	11.8
Educational Services	3,322	7.4
Professional, Scientific, and Technical Services	2,871	6.4
Finance and Insurance	2,579	5.8
Manufacturing	2,079	4.7
Construction	1,775	4.0
Other Services (except Public Administration)	1,749	3.9
Admin. and Support and Waste Mngt and Remediation Svcs	1,370	3.1
Wholesale Trade	1,241	2.8
Public Administration	840	1.9
Transportation and Warehousing	822	1.8
Information	521	1.2
Real Estate and Rental and Leasing	504	1.1
Arts, Entertainment, and Recreation	491	1.1
Mining	14	0.0
Agriculture, Forestry, Fishing and Hunting	12	0.0
Utilities	6	0.0
Total	44,676	100.0

Of these six industries, *Healthcare and Social Assistance* is projected to have the fastest rate of growth (24.2%) over the next six years, according to a 2006 MERIC study.⁸ According to the same study, *Educational Services* is projected to grow at a rate of 17.9 percent, *Accommodation and Food Service* at a rate of 16.1 percent. *Retail Trade* (7.2%), *Finance and Insurance* (6.7%), and *Professional, Scientific, and Technical Services* (6.2%) are each projected to grow.

⁸ Industry Employment Projections, MERIC 2006
<http://www.missourieconomy.org/industry/indprj/Default.aspx?fips=2915000001&prj=lt>

Experience

Over fifty-five percent (57.6%) of estimated job vacancies in the St. Louis MSA require *entry-level* experience (*less than 1 year or no experience*) whereas 31.7 percent of the estimated job vacancies require *experienced* workers. (*1–3 years: 23.5%; 4–10 years: 7.7%; 10+ years: 0.4%*).

Estimated Job Vacancies by Experience Required for St. Louis MSA

	Entry-Level		Experienced		All Other*	
	Total	%	Total	%	Total	%
St. Louis MSA	25,730	57.6	14,145	31.7	4,801	10.7

* All other includes other experience, don't know/not sure and refused to answer

Estimated Job Vacancies by Experience Required and Industry for St. Louis MSA

Industry	Entry-Level		Experienced		All Other*	
	Total	%	Total	%	Total	%
Accommodation and Food Services	7,905	81.6	1771	18.3	14	0.1
HealthCare and Social Assistance	3,500	36.8	3297	34.7	2,706	28.5
Retail Trade	3,532	66.8	1506	28.5	249	4.7
Educational Services	1,740	52.4	1068	32.1	514	15.5
Professional, Scientific, and Technical Services	1,328	46.3	1385	48.2	158	5.5
Finance and Insurance	1,689	65.5	647	25.1	243	9.4
Manufacturing	838	40.3	1007	48.4	234	11.3
Construction	1,201	67.7	537	30.3	37	2.1
Other Services (except Public Administration)	651	37.2	855	48.9	243	13.9
Admin. and Support and Waste Mngt and Remediation Svcs	1,211	88.4	151	11.0	8	0.6
Wholesale Trade	453	36.5	651	52.5	137	11.0
Public Administration	506	60.2	187	22.3	147	17.5
Transportation and Warehousing	336	40.9	422	51.3	64	7.8
Information	151	29.0	339	65.1	31	6.0
Real Estate and Rental and Leasing	359	71.2	137	27.2	8	1.6
Arts, Entertainment, and Recreation	320	65.2	165	33.6	6	1.2
Mining	2	14.3	10	71.4	2	14.3
Agriculture, Forestry, Fishing and Hunting	8	66.7	4	33.3	0	0.0
Utilities	0	0.0	6	100.0	0	0.0

* All other includes other experience, don't know/not sure and refused to answer

Education

The majority of estimated job vacancies in the St. Louis MSA (53.9%) require *a high school diploma or less*. Another 24.0 percent of estimated

job vacancies require an *associate's degree or higher* and 13.0 percent of estimated job vacancies require *special, technical or professional* certification.

**Percent of Estimated Job Vacancies by Preferred Education
for St. Louis MSA**

	High school or Less	AA Degree - Graduate Degree	Certification	All other*
St. Louis MSA	53.9	24.0	13.0	9.1

* All other includes other education, don't know/not sure and refused to answer

**Percent of Estimated Job Vacancies by Preferred Education
and Experience Required for St. Louis MSA**

Experience Required	High school or Less	AA Degree - Graduate Degree	Certification	All other*
Entry-Level	68.4	11.7	11.8	8.2
Experienced	40.0	42.5	10.2	7.4
All Other**	17.6	35.6	27.6	19.2

* All other includes other education, don't know/not sure and refused to answer

** All other includes other experience, don't know/not sure and refused to answer

**Percent of Estimated Job Vacancies by Preferred Education
and Industry for St. Louis MSA**

Industry	High school or Less	AA Degree - Graduate Degree	Certification	All other*
Accommodation and Food Services	35.8	1.0	0.0	23.4
HealthCare and Social Assistance	10.0	30.9	52.4	18.3
Retail Trade	18.0	5.8	3.3	3.7
Educational Services	1.8	10.7	23.7	9.4
Professional, Scientific, and Technical Services	2.8	13.9	9.1	4.4
Finance and Insurance	6.7	5.7	0.6	7.8
Manufacturing	5.1	7.4	0.6	0.6
Construction	4.2	5.2	1.5	3.2
Other Services (except Public Administration)	2.6	3.2	4.9	12.2
Admin. and Support and Waste Mngt and Remediation Svcs	3.3	5.2	0.3	0.1
Wholesale Trade	3.3	3.4	0.2	2.1
Public Administration	1.3	1.4	2.7	5.5
Transportation and Warehousing	2.7	0.4	0.1	2.8
Information	0.2	2.8	0.3	3.7
Real Estate and Rental and Leasing	1.4	1.7	0.0	0.0
Arts, Entertainment, and Recreation	1.0	1.2	0.2	2.8
Mining	0.0	0.1	0.0	0.0
Agriculture, Forestry, Fishing and Hunting	0.0	0.0	0.0	0.0
Utilities	0.0	0.0	0.0	0.0

* All other includes other education, don't know/not sure and refused to answer

Wages

Of the 44,676 estimated job vacancies⁹ in the St. Louis MSA, 25.0 percent offer *less than \$8.00 per hour* while 19.7 percent offer *\$15.00 or more per hour*. Another 19.0 percent of estimated job vacancies offer *\$8.00 – \$14.99 per hour*.

**Estimated Job Vacancies by Wage
and Experience Required for St. Louis MSA**

Wage	Entry-Level	Experienced	All Other*	Total
< \$8.00	9,272	1,860	56	11,188
\$8.00- \$14.99	5,200	2,921	378	8,499
\$15.00+	3,668	4,692	435	8,795
Not provided**	7,590	4,672	3932	16,194
Total	25,730	14,145	4,801	44,676

* All other includes other experience, don't know/not sure and refused to answer

**Not provided includes don't know/not sure and refused to answer

**Percent of Estimated Job Vacancies by Wage
and Experience Required for St. Louis MSA**

Wage	Entry-Level	Experienced	All Other*	Total
< \$8.00	82.9	16.6	0.5	100.0
\$8.00- \$14.99	61.2	34.4	4.4	100.0
\$15.00+	41.7	53.3	4.9	100.0
Not provided**	46.9	28.9	24.3	100.0

* All other includes other experience, don't know/not sure and refused to answer

**Not provided includes don't know/not sure and refused to answer

Benefits and Training

In terms of benefits and training offered, 64.2 percent of estimated job vacancies in the St. Louis MSA provide *on-the-job training* along with 34.3 percent provide *mentoring*. Well over half of the estimated job vacancies provide medical (65.6%), vacation (63.1%), and dental (62.1%) benefits. Only 3.4 percent of estimated job vacancies provide no benefits (see table below).

⁹ 36.3 percent of estimated job vacancies had no reported wage.

**Estimated Job Vacancies by Benefits and Training by
Full-Time or Part-Time for St. Louis MSA**

Benefit and Training	Full - Time	Part-Time	Not Provided*	Total
Vacation	23,572	4,457	154	28,183
Medical	24,774	4,383	154	29,311
Dental	23,566	4,040	154	27,760
On the Job Training	17,989	10,681	0	28,670
Mentoring	11,671	3,658	0	15,329

** Not provided includes don't know/not sure and refused to answer*

**Percent of Estimated Job Vacancies by Benefits and Training by Full-
Time or Part-Time for St. Louis MSA**

Benefit and Training	Full - Time	Part-Time	Not Provided*	Total
Vacation	83.6	15.8	0.5	100.0
Medical	84.5	15.0	0.5	100.0
Dental	84.9	14.6	0.6	100.0
On the Job Training	62.7	37.3	0.0	100.0
Mentoring	76.1	23.9	0.0	100.0

** Not provided includes don't know/not sure and refused to answer*

Occupations

In the St. Louis MSA, eight occupations represent 36.5 percent of the estimated job vacancies. These occupations are:

**Percent of Estimated Job Vacancies by Selected Occupation
for the St. Louis MSA**

Occupation	Percent
Waiters and Waitresses	7.8
Retail Salespersons	7.6
Registered Nurses	6.8
Food Preparation Workers	4.5
Combined Food Preparation and Serving Workers, Including Fast Food	2.6
Nursing Aides, Orderlies, and Attendants	2.5
Customer Service Representatives	2.4
Loan Officers	2.3
Total	36.5

According to the Bureau of Labor statistics, Office of Occupational Statistics and Employment projects and Missouri Works! Labor Market Information, these in-demand occupations in the St. Louis MSA are projected to have continued growth in the coming years.¹⁰

For more detailed information on the reported occupations, please visit <http://pprc.umsl.edu/wis/>.

¹⁰ [Bureau of Labor Statistics, Office of Occupational Statistics and Employment Projections; Missouri Works! Labor Market Information \(http://www.acinet.org/acinet/occ_rep.asp?optstatus=011000000&soccode=353031&stfips=29&search=Go\)](http://www.acinet.org/acinet/occ_rep.asp?optstatus=011000000&soccode=353031&stfips=29&search=Go)

Future Hiring Trends

Regional information about employers' intentions to either increase or decrease their current levels of employment over the next six months is an extremely helpful indicator for local economic developers as well as for job seekers. The results from the St. Louis MSA employers show that most are planning to either stay the same or increase their employment over the short term (72.4 %). Similarly, well over half of the respondents in the Kansas City MSA indicate that they are likely to do the same (70.1%).¹¹

Future Hiring Trends by MSA

Employee Level	STL	KC
No change	45.2	42.4
Increase	27.2	27.7
Decrease	3.3	4.4
Not Provided	24.3	25.5
Total	100.0	100.0

**Not provided includes don't know/not sure and refused to answer.*

¹¹ Percentages based on the number of firms responding, not estimated job vacancies.

Methodology

The survey was developed in consultation with St. Louis MSA local Workforce Investment Boards and based upon a model used by the University of Wisconsin–Milwaukee during the 1990s under the auspices of the Department of Labor. In addition to estimating job vacancies, the Job Vacancy Survey also focuses on occupation-specific job requirements.¹²

Sampling Procedures

The current business population is based on by an employer database produced by InfoUSA. For each MSA, the business population is divided into two size categories based on the number of employees for each business: those with 5–249 employees, and those with 250 employees or more. One hundred percent of these businesses with 250 employees or more are included in the JVS.

The businesses with 5–249 employees are stratified by the counties in the MSA, by the 20 North American Industry Classification System (NAICS) codes, and by company size.¹³ Based on this matrix, a stratified random sample of these companies is selected for participation in the Job Vacancy Survey.¹⁴ Business establishments that have fewer than five employees are excluded from the sample population because they represent a large proportion of self-employed persons with no labor demand (*see table below*).

¹² The St. Louis MSA Job Vacancy Survey also includes questions on labor market contexts such as job and applicant match and the difficulty finding qualified applicants. The Job Vacancy Survey employs methods that include mail, fax, telephone and on-line surveys. All survey respondents are given the opportunity to respond to the survey in the method that is most convenient for them.

¹³ The 5-249 company size are grouped into five different categories: 5-9, 10-19, 20-49, 50-99, and 100–249.

¹⁴ The sample size for the randomly selected businesses is based upon a 95 percent confidence level, a 5 percent confidence interval and an expected response rate of 20 percent.

**Survey Population by MSA,
May 2006**

Business Size	STL	KC
250+ Employees	519	372
5-249 Employees*	1,900	1,901
Total Survey Sample	2,419	2,273

**A 95.0% Confidence Level, 5.0% Interval Level are used.*

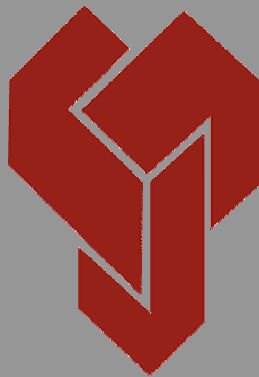
	STL	KC
Response Rate (%)	64.2	69.0

Appendix

Weighting Procedures

To estimate the number of job vacancies for the total population, weights are created that take into account the fore mentioned stratification. Therefore, the businesses responding to the survey (both with openings and no openings) are stratified by FIPS, NAICS, and company size and are applied to the total population to estimate the number of jobs available in the St. Louis and Kansas City MSAs. This is accomplished by dividing total business responses into the total business population for each corresponding cell created by the stratification. For example, if the total business population with 5–9 employees for retail trade in St. Louis County is 100 and the responses were 80 the resulting stratified cell weight would be 1.25.

This stratified cell weight is then linked to each survey record in its equivalent stratified cell. This weight is multiplied against the number of reported openings, either full-time or part-time for each of these survey records. Once these estimates are computed they can be aggregated to the county – industry level.



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