

Missouri Job Vacancy Survey

St. Louis & Kansas City
Metropolitan Statistical Areas
October 2006

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



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Executive Summary

In October 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 29,404 job vacancies in the St. Louis MSA and another 33,936 estimated job vacancies in the Kansas City MSA. The top three industries with the most estimated job vacancies for both MSAs were: *Healthcare and Social Assistance, Accommodation and Food Services, 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	53.3	51.8
Part- time	46.6	48.0
Not Provided	0.1	0.2
Total	100.0	100.0

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

Industry

Estimated Job Vacancies in Top 3 Industries by MSA

Industry	STL	KC
HealthCare and Social Assistance	7,662	4,166
Accommodation and Food Services	6,240	8,767
Retail Trade	4,474	6,369
Total	18,376	19,302

Percent of Estimated Job Vacancies in Top 3 Industries by MSA

Industry	STL	KC
HealthCare and Social Assistance	26.1	12.3
Accommodation and Food Services	21.2	25.8
Retail Trade	15.2	18.8
Total	62.5	56.9

Experience

Percent of Estimated Job Vacancies by Experience Required by MSA

	Entry-Level		Experienced		All Other*	
	STL	KC	STL	KC	STL	KC
	51.2	65.9	36.3	26.2	12.5	7.9

* 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 MSA

Industry	Entry-Level		Experienced		All Other*	
	STL	KC	STL	KC	STL	KC
HealthCare and Social Assistance	22.6	39.8	46.9	33.7	30.5	26.4
Accommodation and Food Services	88.6	95.5	7.6	4.3	3.8	0.2
Retail Trade	81.0	73.1	15.5	21.5	3.4	5.4
Finance and Insurance	37.6	51.8	56.4	45.5	6.0	2.8
Educational Services	6.7	42.8	73.0	21.7	20.3	35.5
Other Services (except Public Administration)	81.7	57.9	18.1	37.0	0.2	5.1
Professional, Scientific, and Technical Services	26.4	21.5	70.9	65.1	2.7	13.4
Manufacturing	34.3	34.9	50.2	48.8	15.5	16.3
Construction	46.4	64.1	52.4	35.9	1.2	0.0
Transportation and Warehousing	30.0	65.7	65.6	30.4	4.3	3.9
Information	14.3	43.8	68.6	54.7	17.1	1.6
Admin. and Support and Waste Mngt and Remediation Svcs	65.6	37.4	13.5	51.5	21.0	11.1
Wholesale Trade	60.2	72.9	35.9	23.1	4.0	4.1
Arts, Entertainment, and Recreation	19.0	82.6	71.5	9.6	9.5	7.8
Public Administration	41.9	55.2	51.7	30.1	6.4	14.7
Real Estate and Rental and Leasing	45.8	58.0	54.2	42.0	0.0	0.0
Agriculture, Forestry, Fishing and Hunting	0.0	**	90.0	**	10.0	**
Management of Companies and Enterprises	15.8	**	73.7	**	10.5	**
Utilities	0.0	**	78.6	**	21.4	**
Mining	0.0	**	100.0	**	0.0	**

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

**Kansas City had no reported openings for these four industries.

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
	65.5	71.7	18.5	16.4	10.5	5.5	5.5	6.4

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	83.2	86.0	6.7	8.6	7.3	2.6	2.9	2.8
Experienced	56.5	51.5	31.4	31.8	7.4	9.3	4.7	7.4
All Other**	19.2	19.4	29.1	30.3	33.1	16.9	18.6	33.4

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

Industry	High school or Less		AA Degree - Graduate Degree		Certification		All other*	
	STL	KC	STL	KC	STL	KC	STL	KC
HealthCare and Social Assistance	46.2	31.8	22.9	25.7	26.7	26.4	4.2	16.1
Accommodation and Food Services	94.7	98.0	1.1	0.1	0.3	0.1	3.8	1.8
Retail Trade	91.7	89.1	6.2	5.9	0.1	0.3	2.0	4.7
Finance and Insurance	39.0	62.2	56.2	31.1	0.9	0.0	4.0	6.7
Educational Services	59.5	20.4	24.1	62.9	7.8	4.1	8.6	12.6
Other Services (except Public Administration)	42.1	83.5	10.3	6.7	44.7	6.1	3.0	3.8
Professional, Scientific, and Technical Services	22.7	20.0	52.4	62.9	0.2	10.8	24.7	6.3
Manufacturing	39.3	50.2	51.2	31.8	2.4	0.4	7.1	17.6
Construction	74.1	56.6	23.7	33.1	0.1	3.5	2.1	6.7
Transportation and Warehousing	90.0	47.1	4.5	30.4	0.7	8.0	4.9	14.4
Information	65.8	38.1	20.8	60.3	3.4	0.0	10.1	1.6
Admin. and Support and Waste Mngt and Remediation Svcs	46.5	67.0	15.4	28.0	29.8	0.0	8.3	5.0
Wholesale Trade	78.9	80.1	13.9	14.5	0.8	2.3	6.4	3.1
Arts, Entertainment, and Recreation	62.8	68.7	3.1	17.4	1.8	0.0	32.3	13.9
Public Administration	51.7	62.5	36.1	20.1	6.1	8.7	6.1	8.7
Real Estate and Rental and Leasing	52.9	58.0	2.9	7.6	23.7	22.1	20.5	12.3
Agriculture, Forestry, Fishing and Hunting	23.3	**	70.0	**	0.0	**	6.7	**
Management of Companies and Enterprises	21.1	**	78.9	**	0.0	**	0.0	**
Utilities	14.3	**	85.7	**	0.0	**	0.0	**
Mining	0.0	**	50.0	**	0.0	**	50.0	**

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

**Kansas City had no reported openings for these four industries.

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	6,883	11,512	749	283	182	373	7,814	12,168
\$8.00- \$14.99	3,080	6,067	3,555	3,215	133	184	6,768	9,466
\$15.00+	570	975	2,151	2,182	75	214	2,796	3,371
Not provided*	4,518	3,807	4,228	3,201	3,280	1,923	12,026	8,931
Total	15,051	22,361	10,683	8,881	3,670	2,694	29,404	33,936

* 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	45.7	51.5	7.0	3.2	5.0	13.8	26.6	35.9
\$8.00- \$14.99	20.5	27.1	33.3	36.2	3.6	6.8	23.0	27.9
\$15.00+	3.8	4.4	20.1	24.6	2.0	7.9	9.5	9.9
Not provided*	30.0	17.0	39.6	36.0	89.4	71.4	40.9	26.3

* 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	12,751	14,424	3,016	5,274	16	30	15,783	19,728
Medical	12,105	14,802	2,760	5,038	30	59	14,895	19,899
Dental	10,896	13,619	2,661	4,541	30	59	13,587	18,219
On the Job Training	10,110	14,046	9,427	13,596	0	0	19,537	27,642
Mentoring	6,633	7,794	5,062	5,033	0	0	11,695	12,827
No Benefits	647	311	2,431	1,233	1	0	3,079	1,544

* 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	80.8	73.1	19.1	26.7	0.1	0.2	100.0	100.0
Medical	81.3	74.4	18.5	25.3	0.2	0.3	100.0	100.0
Dental	80.2	74.8	19.6	24.9	0.2	0.3	100.0	100.0
On the Job Training	51.7	50.8	48.3	49.2	0.0	0.0	100.0	100.0
Mentoring	56.7	60.8	43.3	39.2	0.0	0.0	100.0	100.0
No Benefits	21.0	20.1	79.0	79.9	0.0	0.0	100.0	100.0

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

Occupations

Percent of Total Estimated Job Vacancies in Selected Occupations by MSA

Occupation	STL	KC
Registered Nurses	7.7	2.7
Retail Salespersons	7.7	8.4
Combined Food Preparation and Serving Workers, Including Fast Food	6.6	7.4
Nursing Aides, Orderlies, and Attendants	5.7	1.0
Waiters and Waitresses	4.1	9.5
Home Health Aides	3.2	0.0
Cashiers	3.0	3.6
Total	38.0	32.5

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 (66.8 %). Similarly, well over half of the respondents in the Kansas City MSA indicate that they are likely to do the same (73.2%).¹

Future Hiring Trends by MSA

Employee Level	STL	KC
No change	46.2	46.5
Increase	20.6	26.7
Decrease	2.4	3.0
Not Provided	30.8	23.8
Total	100.0	100.0

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

¹ Percentages based on the number of firms responding, not estimated job vacancies (STL n=1,634; KC n=1,488)

About the Survey

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.² Installations in the St. Louis MSA and the Kansas City MSA 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.³ 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.⁴ This October 2006 survey effort was the second in the Kansas City MSA.

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

² American Forces Information Service, www.defenselink.mil, Dec. 12, 2005.

³ In 2001, the St. Louis MSA consisted of 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. As of 2003, the Census Bureau's official definition of the St. Louis MSA has expanded to include Bond, Calhoun, and Macoupin Counties in Illinois and Washington and the Sullivan City portion of Crawford Counties in Missouri. However, this new definition is not used in this survey effort.

⁴ 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.

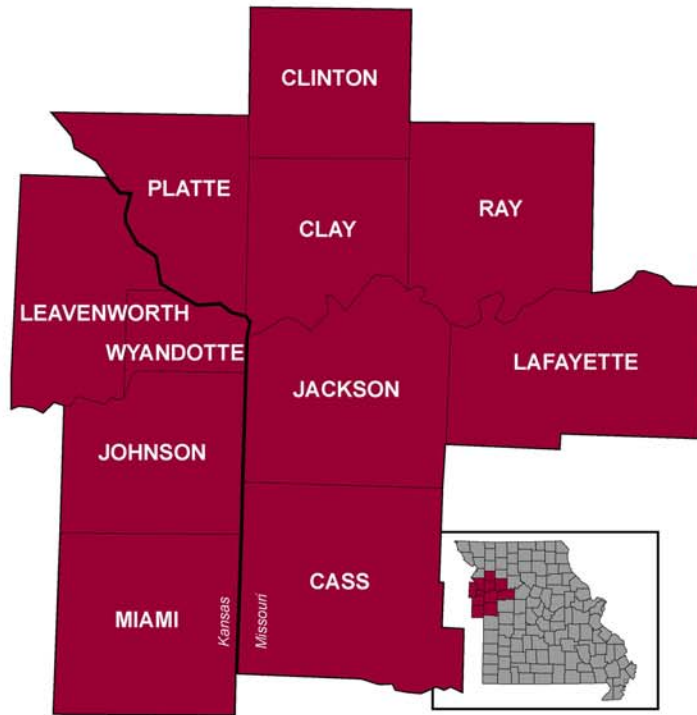
workforce development. The Job Vacancy Survey⁵ provides a current estimation of job vacancies within the St. Louis MSA and the Kansas City MSA. The information can be used to direct the planning and allocation of training and education resources to better prepare the local workforce to meet existing local demand in within the St. Louis MSA and the Kansas City MSA.

The Job Vacancy Survey provides an estimate of job vacancies in a timely (every six months) and consistent method. Along with the estimated job vacancies the survey also makes available 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.

This Job Vacancy Survey focuses on the job vacancies within the St. Louis MSA and the Kansas City MSA in October 2006.

⁵ For this October 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.

Kansas City, MO-KS Metropolitan Region



St. Louis, MO-IL Metropolitan Region



Summary for Kansas City MSA

The results of the October 2006 Kansas City MSA Job Vacancy Survey show that there are 33,936 estimated job vacancies.

**Estimated Job Vacancies for
Kansas City MSA**

	Total	Percent
Full - Time	17,594	51.8
Part- Time	16,276	48.0
Not Provided	66	0.2
Total	33,936	100.0

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

Geography

Four counties in the Kansas City MSA comprise 89.7 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 56.2 percent of all estimated job vacancies, while the Kansas counties account for 43.8 percent.

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

County	Total	Percent
Johnson County, KS	10,142	68.2
Wyandotte County, KS	3,204	21.5
Leavenworth County, KS	1,478	9.9
Miami County, KS	47	0.3
Kansas Total	14,871	43.8
Jackson County, MO	13,112	68.8
Clay County, MO	3,983	20.9
Platte County, MO	1,285	6.7
Cass County, MO	436	2.3
Clinton County, MO	137	0.7
Lafayette County, MO	63	0.3
Ray County, MO	49	0.3
Missouri Total	19,065	56.2
Kansas City MSA Total	33,936	100.0

Industry

Six industries in the Kansas City MSA constitute 78.6 percent of the estimated job vacancies: *Accommodation and Food Service, Retail Trade, Healthcare and Social Assistance, Other Services (except Public Administration), Finance and Insurance, and Professional, Scientific, and Technical Services.*

Estimated Job Vacancies by Industry for Kansas City MSA

Industry	Total	Percent
Accommodation and Food Services	8,767	25.8
Retail Trade	6,369	18.8
HealthCare and Social Assistance	4,166	12.3
Other Services (except Public Administration)	3,759	11.1
Finance and Insurance	2,218	6.5
Professional, Scientific, and Technical Services	1,389	4.1
Wholesale Trade	1,374	4.0
Construction	1,217	3.6
Educational Services	1,152	3.4
Manufacturing	910	2.7
Public Administration	701	2.1
Transportation and Warehousing	647	1.9
Real Estate and Rental and Leasing	471	1.4
Admin. and Support and Waste Mngt and Remediation Svcs	361	1.1
Information	320	0.9
Arts, Entertainment, and Recreation	115	0.3
Total	33,936	100.0

Experience

Over half (65.9%) of estimated job vacancies in the Kansas City MSA require *entry-level* experience (*less than 1 year or no experience*) whereas 26.2 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	22,361	65.9	8,881	26.2	2,694	7.9

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	8,372	95.5	379	4.3	16	0.2
Retail Trade	4,658	73.1	1,367	21.5	344	5.4
HealthCare and Social Assistance	1,660	39.8	1,406	33.7	1,100	26.4
Other Services (except Public Administration)	2,177	57.9	1,390	37.0	192	5.1
Finance and Insurance	1,148	51.8	1,009	45.5	61	2.8
Professional, Scientific, and Technical Services	299	21.5	904	65.1	186	13.4
Wholesale Trade	1,001	72.9	317	23.1	56	4.1
Construction	780	64.1	437	35.9	0	0.0
Educational Services	493	42.8	250	21.7	409	35.5
Manufacturing	318	34.9	444	48.8	148	16.3
Public Administration	387	55.2	211	30.1	103	14.7
Transportation and Warehousing	425	65.7	197	30.4	25	3.9
Real Estate and Rental and Leasing	273	58.0	198	42.0	0	0.0
Admin. and Support and Waste Mngt and Remediation Svcs	135	37.4	186	51.5	40	11.1
Information	140	43.8	175	54.7	5	1.6
Arts, Entertainment, and Recreation	95	82.6	11	9.6	9	7.8
Total	22,361		8,881		2,694	

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

Education

The majority of estimated job vacancies (71.7%) require a *high school diploma or less*. Another 16.4 percent of estimated job vacancies require

an *associate's degree or higher*, and another 5.5 percent of estimated job vacancies require *special, technical or professional certification*.

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	71.7	16.4	5.5	6.4

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	86.0	8.6	2.6	2.8
Experienced	51.5	31.8	9.3	7.4
All Other**	19.4	30.3	16.9	33.4

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

Industry	High school Diploma or Less	AA degree - Graduate Degree	Certification	All other*
Accommodation and Food Services	98.0	0.1	0.1	1.8
Retail Trade	89.1	5.9	0.3	4.7
HealthCare and Social Assistance	31.8	25.7	26.4	16.1
Other Services (except Public Administration)	83.5	6.7	6.1	3.8
Finance and Insurance	62.2	31.1	0.0	6.7
Professional, Scientific, and Technical Services	20.0	62.9	10.8	6.3
Wholesale Trade	80.1	14.5	2.3	3.1
Construction	56.6	33.1	3.5	6.7
Educational Services	20.4	62.9	4.1	12.6
Manufacturing	50.2	31.8	0.4	17.6
Public Administration	62.5	20.1	8.7	8.7
Transportation and Warehousing	47.1	30.4	8.0	14.4
Real Estate and Rental and Leasing	58.0	7.6	22.1	12.3
Admin. and Support and Waste Mngt and Remediation Svcs	67.0	28.0	0.0	5.0
Information	38.1	60.3	0.0	1.6
Arts, Entertainment, and Recreation	68.7	17.4	0.0	13.9

*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

Wages

Of the 33,936 estimated job vacancies in the Kansas City MSA⁶, 35.9 percent offer *less than \$8.00 per hour* while 27.9 percent offer *\$8.00 – \$14.99 per hour*. There were an additional 9.9 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	11,512	283	373	12,168	35.9
\$8.00- \$14.99	6,067	3,215	184	9,466	27.9
\$15.00+	975	2,182	214	3,371	9.9
Not provided**	3,807	3,201	1,923	8,931	26.3
Total	22,361	8,881	2,694	33,936	100.0

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

Wage	Entry-Level	Experienced	All Other*	Total
< \$8.00	94.6	2.3	3.1	100.0
\$8.00- \$14.99	64.1	34.0	1.9	100.0
\$15.00+	28.9	64.7	6.4	100.0
Not provided**	42.6	35.9	21.5	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, 84.1 percent of estimated job vacancies in the Kansas City MSA provide *on-the-job training*, and 39.0 percent provide *mentoring*. Well over half of the estimated job vacancies provide vacation (60.1%), medical (60.6%), and dental (55.5%) benefits. Only 4.7 percent of estimated job vacancies provide no benefits (see table below).⁷

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

⁷ Percentages based on the total number of estimated job vacancies in which one or more of the benefits and training offered was reported (n=32,963).

**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	14,424	5,274	30	19,728
Medical	14,802	5,038	59	19,899
Dental	13,619	4,541	59	18,219
On the Job Training	14,046	13,596	0	27,642
Mentoring	7,794	5,033	0	12,827
No Benefits	311	1,233	0	1,544

**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	73.1	26.7	0.2	100.0
Medical	74.4	25.3	0.3	100.0
Dental	74.8	24.9	0.3	100.0
On the Job Training	50.8	49.2	0.0	100.0
Mentoring	60.8	39.2	0.0	100.0
No Benefits	20.1	79.9	0.0	100.0

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

Occupations

In the Kansas City MSA, seven occupations represent 37.2 percent of the estimated job vacancies.

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

Occupation	Percent
Waiters and Waitresses	9.5
Retail Salespersons	8.4
Combined Food Preparation and Serving Workers, Including Fast Food	7.4
Cashiers	3.6
Food Preparation Workers	3.1
Registered Nurses	2.7
Construction Laborers	2.6
Total	37.2

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

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 Kansas City MSA show that most are planning to either stay the same or increase their employment over the short term (73.2%).⁸

Future Hiring Trends for Kansas City MSA

Industry	No change	Increase	Decrease	Not Provided	Total
Retail Trade	40.8	30.0	6.9	22.3	100.0
HealthCare and Social Assistance	49.7	20.1	0.6	29.6	100.0
Accommodation and Food Services	37.2	43.4	3.9	15.5	100.0
Professional, Scientific, and Technical Services	44.4	31.7	0.0	23.8	100.0
Other Services (except Public Administration)	66.7	23.9	1.7	7.7	100.0
Finance and Insurance	44.8	27.6	5.7	21.9	100.0
Wholesale Trade	52.1	32.3	2.1	13.5	100.0
Construction	39.4	34.0	2.1	24.5	100.0
Manufacturing	37.2	13.8	2.1	46.8	100.0
Educational Services	56.0	12.0	0.0	32.0	100.0
Public Administration	42.4	16.7	0.0	40.9	100.0
Real Estate and Rental and Leasing	71.4	16.1	3.6	8.9	100.0
Transportation and Warehousing	44.4	20.0	8.9	26.7	100.0
Admin. and Support and Waste Mngt and Remediation Svcs	39.5	36.8	5.3	18.4	100.0
Information	45.2	19.4	0.0	35.5	100.0
Arts, Entertainment, and Recreation	28.6	42.9	0.0	28.6	100.0
Utilities	50.0	0.0	0.0	50.0	100.0
Agriculture, Forestry, Fishing and Hunting	100.0	0.0	0.0	0.0	100.0
Total					

⁸ Percentages based on the number of firms responding, not estimated job vacancies (n=1,488). It should be noted that there were a total of 18 Industries represented in the October 2006 survey however only 16 industries with reported job vacancies.

Summary for St. Louis MSA

The results of the October 2006 St. Louis MSA Job Vacancy Survey show that there are 29,404 estimated job vacancies.

Estimated Job Vacancies for St. Louis MSA

	Total	%
Full - time	15,663	53.3
Part- time	13,700	46.6
Not Provided	41	0.1
Total	29,404	100.0

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

Geography

Five counties in the St. Louis MSA comprise 94.2 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 85.4 percent of all estimated job vacancies, while the Illinois counties account for 14.6 percent.

Estimated Job Vacancies by County for St. Louis MSA

County	Total	%
St. Clair County, IL	2,099	49.1
Madison County, IL	1,838	43.0
Monroe County, IL	130	3.0
Clinton County, IL	127	3.0
Jersey County, IL	85	2.0
Illinois Total	4,279	14.6
St. Louis County, MO	18,911	75.3
St. Louis City, MO	3,259	13.0
St. Charles County, MO	1,581	6.3
Jefferson County, MO	1,010	4.0
Franklin County, MO	279	1.1
Lincoln County, MO	52	0.2
Warren County, MO	33	0.1
Missouri Total	25,125	85.4

St. Louis MSA Total	29,404	100.0
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Industry

Six industries in the St. Louis MSA constitute 79.5 percent of all the estimated job vacancies: *Healthcare and Social Assistance, Accommodation and Food Service, Retail Trade, Finance and Insurance, Educational Services, and Other Services (except Public Administration).*

Estimated Job Vacancies by Industry for St. Louis MSA

Industry	Total	%
HealthCare and Social Assistance	7,662	26.1
Accommodation and Food Services	6,240	21.2
Retail Trade	4,474	15.2
Finance and Insurance	2,135	7.3
Educational Services	1,563	5.3
Other Services (except Public Administration)	1,296	4.4
Professional, Scientific, and Technical Services	969	3.3
Manufacturing	860	2.9
Construction	722	2.5
Transportation and Warehousing	719	2.4
Information	567	1.9
Admin. and Support and Waste Mngt and Remediation Svcs	520	1.8
Wholesale Trade	502	1.7
Arts, Entertainment, and Recreation	452	1.5
Public Administration	346	1.2
Real Estate and Rental and Leasing	312	1.1
Agriculture, Forestry, Fishing and Hunting	30	0.1
Management of Companies and Enterprises	19	0.1
Utilities	14	0.0
Mining	2	0.0
Total	29,404	100.0

Experience

Over fifty percent (51.2%) of estimated job vacancies in the St. Louis MSA require *entry-level* experience (*less than 1 year or no experience*) whereas 36.3 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	15,051	51.2	10,683	36.3	3,670	12.5

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

Industry	Entry-Level		Experienced		All Other*	
	Total	%	Total	%	Total	%
HealthCare and Social Assistance	1,728	11.5	3,597	33.7	2,337	63.7
Accommodation and Food Services	5,529	36.7	477	4.5	234	6.4
Retail Trade	3,626	24.1	695	6.5	153	4.2
Finance and Insurance	802	5.3	1,205	11.3	128	3.5
Educational Services	104	0.7	1,141	10.7	318	8.7
Other Services (except Public Administration)	1,059	7.0	235	2.2	2	0.1
Professional, Scientific, and Technical Services	256	1.7	687	6.4	26	0.7
Manufacturing	295	2.0	432	4.0	133	3.6
Construction	335	2.2	378	3.5	9	0.2
Transportation and Warehousing	216	1.4	472	4.4	31	0.8
Information	81	0.5	389	3.6	97	2.6
Admin. and Support and Waste Mngt and Remediation Svcs	341	2.3	70	0.7	109	3.0
Wholesale Trade	302	2.0	180	1.7	20	0.5
Arts, Entertainment, and Recreation	86	0.6	323	3.0	43	1.2
Public Administration	145	1.0	179	1.7	22	0.6
Real Estate and Rental and Leasing	143	1.0	169	1.6	0	0.0
Agriculture, Forestry, Fishing and Hunting	0	0.0	27	0.3	3	0.1
Management of Companies and Enterprises	3	0.0	14	0.1	2	0.1
Utilities	0	0.0	11	0.1	3	0.1
Mining	0	0.0	2	0.0	0	0.0
Total	15,051		10,683		3,670	

* 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 (65.5%) require a *high school diploma or less*. Another 18.5 percent of estimated job vacancies require an *associate's degree or higher* and 10.5 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	65.5	18.5	10.5	5.5

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	83.1	6.7	7.3	2.9
Experienced	56.5	31.4	7.4	4.7
All Other**	19.2	29.1	33.1	18.6

* 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 Industry
and Preferred Education for St. Louis MSA**

Industry	High school or Less	AA Degree - Graduate Degree	Certification	All other*
HealthCare and Social Assistance	46.2	22.9	26.7	4.2
Accommodation and Food Services	94.7	1.1	0.3	3.8
Retail Trade	91.7	6.2	0.1	2.0
Finance and Insurance	39.0	56.2	0.9	4.0
Educational Services	59.5	24.1	7.8	8.6
Other Services (except Public Administration)	42.1	10.3	44.7	3.0
Professional, Scientific, and Technical Services	22.7	52.4	0.2	24.7
Manufacturing	39.3	51.2	2.4	7.1
Construction	74.1	23.7	0.1	2.1
Transportation and Warehousing	90.0	4.5	0.7	4.9
Information	65.8	20.8	3.4	10.1
Admin. and Support and Waste Mngt and Remediation Svcs	46.5	15.4	29.8	8.3
Wholesale Trade	78.9	13.9	0.8	6.4
Arts, Entertainment, and Recreation	62.8	3.1	1.8	32.3
Public Administration	51.7	36.1	6.1	6.1
Real Estate and Rental and Leasing	52.9	2.9	23.7	20.5
Agriculture, Forestry, Fishing and Hunting	23.3	70.0	0.0	6.7
Management of Companies and Enterprises	21.1	78.9	0.0	0.0
Utilities	14.3	85.7	0.0	0.0
Mining	0.0	50.0	0.0	50.0

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

Wages

Of the 29,404 estimated job vacancies⁹ in the St. Louis MSA, 26.6 percent offer *less than \$8.00 per hour* while 23.0 percent offer *\$8.00 – \$14.99 per hour*. Another 9.5 percent of estimated job vacancies offer *\$15.00 or more per hour* (see table below).

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

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

Wage	Entry-Level	Experienced	All Other*	Total	%
< \$8.00	6,883	749	182	7,814	26.6
\$8.00- \$14.99	3,080	3,555	133	6768	23.0
\$15.00+	570	2,151	75	2796	9.5
Not provided**	4,518	4,228	3280	12026	40.9
Total	15,051	10,683	3,670	29,404	100.0

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

Wage	Entry-Level	Experienced	All Other*	Total
< \$8.00	88.1	9.6	2.3	100.0
\$8.00- \$14.99	45.5	52.5	2.0	100.0
\$15.00+	20.4	76.9	2.7	100.0
Not provided**	37.6	35.2	27.3	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, 69.9 percent of estimated job vacancies in the St. Louis MSA provide *on-the-job training* along with 41.8 percent provide *mentoring*. Half of the estimated job vacancies provide medical (56.6%), vacation (53.3%), and dental (48.6%) benefits. Only 11.0 percent of estimated job vacancies provide no benefits (see table below).¹⁰

¹⁰ Percentages base on the total number of estimated job vacancies in which one or more of the benefits and training offered was reported (n=27,955).

**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	12,751	3,016	16	15,783
Medical	12,105	2,760	30	14,895
Dental	10,896	2,661	30	13,587
On the Job Training	10,110	9,427	0	19,537
Mentoring	6,633	5,062	0	11,695
No Benefits	647	2,431	1	3,079

**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	80.8	19.1	0.1	100.0
Medical	81.3	18.5	0.2	100.0
Dental	80.2	19.6	0.2	100.0
On the Job Training	51.7	48.3	0.0	100.0
Mentoring	56.7	43.3	0.0	100.0
No Benefits	21.0	79.0	0.0	100.0

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

Occupations

In the St. Louis MSA, seven occupations represent 38.0 percent of the estimated job vacancies.

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

Occupation	%
Registered Nurses	7.7
Retail Salespersons	7.7
Combined Food Preparation and Serving Workers, Including Fast Food	6.6
Nursing Aides, Orderlies, and Attendants	5.7
Waiters and Waitresses	4.1
Home Health Aides	3.2
Cashiers	3.0
Total	38.0

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

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 (66.8 %) (see table below).¹¹

¹¹ Percentages based on the number of firms responding, not estimated job vacancies (n=1,634). It should be noted that there were a total of 18 Industries represented in the October 2006 survey however only 16 industries with reported job vacancies.

Future Hiring Trends for St. Louis MSA

Industry	No change	Increase	Decrease	Not Provided	Total
Retail Trade	35.1	21.2	4.1	39.6	100.0
HealthCare and Social Assistance	48.7	15.7	1.6	34.0	100.0
Manufacturing	34.1	9.5	2.8	53.6	100.0
Accommodation and Food Services	35.7	47.1	4.3	12.9	100.0
Construction	51.6	23.4	3.2	21.8	100.0
Professional, Scientific, and Technical Services	58.0	20.5	1.8	19.6	100.0
Other Services (except Public Administration)	59.8	28.0	0.0	12.1	100.0
Educational Services	53.5	9.3	1.2	36.0	100.0
Wholesale Trade	47.5	20.0	2.5	30.0	100.0
Finance and Insurance	49.4	26.6	2.5	21.5	100.0
Public Administration	72.7	5.2	2.6	19.5	100.0
Admin. and Support and Waste Mngt and Remediation Svcs	36.7	22.4	0.0	40.8	100.0
Transportation and Warehousing	8.9	3.4	0.6	11.2	24.0
Real Estate and Rental and Leasing	58.1	30.2	0.0	11.6	100.0
Information	48.8	14.6	2.4	34.1	100.0
Arts, Entertainment, and Recreation	37.0	18.5	0.0	44.4	100.0
Agriculture, Forestry, Fishing and Hunting	60.0	0.0	0.0	40.0	100.0
Utilities	0.0	0.0	0.0	100.0	100.0
Mining	0.0	0.0	0.0	100.0	100.0
Management of Companies and Enterprises	0.0	0.0	0.0	100.0	100.0
Total					

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 the 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,
October 2006**

Business Size	STL	KC
250+ Employees	501	368
5-249 Employees*	1,902	1,901
Total Survey Sample	2,403	2,269

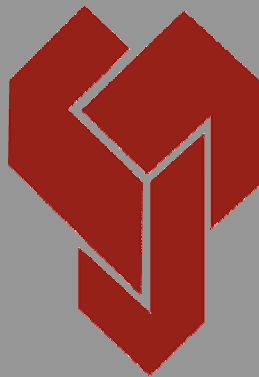
**A 95.0% Confidence Level, 5.0% Interval Level are used.*

	STL	KC
Response Rate (%)	68.0	65.6

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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