

**2009 ENROLLMENT PROJECTIONS REPORT  
UNIVERSITY OF MISSOURI SYSTEM  
May 2009**

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IR&P 2009, Report 3

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**Enrollment Projections Report, 2009**  
**Office of Institutional Research and Planning**  
**University of Missouri System**

**Executive Summary**

The *Enrollment Projections Report, 2009* includes University of Missouri enrollment projections for each of the four campuses and the System. Organized according to student level, it provides headcount and credit hour projections for the next five years. Each campus made headcount and credit hour projections, which are presented in this report unaltered. The totals for the UM System were calculated by adding totals from each of the four UM campuses. Special thanks to the following representatives who provided the enrollment projections for their campus: Alysha O'Neil at UM-Columbia, Karen Wilkerson at UM-Kansas City, Carol Heddinghaus at Missouri S&T, and Greg McCalley at UM-St. Louis.

These enrollment projections were made in consideration of the enrollment management plans on each campus, in concert with the impact that these projections will have on the budget for each campus.

The highlights of the report include:

Total on-campus, on-schedule headcount at the University of Missouri System is expected to increase 3% from 58,858 in the fall of 2008 to 60,483 in the fall of 2013 (Table 1).

System-wide, undergraduate headcount is expected to increase 4% over the next five years (Table 1).

Over the next five years, overall graduate headcount at UM is expected to decrease by 2%. Three percent and 1% projected increases in graduate enrollment at UM-Columbia and UM-St. Louis, respectively, will be offset by decreases of 10% and 4% at UM-Kansas City and Missouri S&T, respectively (Table 1).

Full-time, first-time freshmen enrollment system-wide at the University of Missouri is projected to decrease by 8% over the next five years. Although the Kansas City and St. Louis campuses are predicting increases of 6% and 11%, respectively, these increases will be offset by projected decreases of 12% at UM-Columbia and 9% at Missouri S&T (Table 2).

Over the next five years, the percentage of undergraduates who are Missouri residents is expected to hold steady at 72% on the Kansas City campus and 81% on the Missouri S&T campus. The percentage of Missouri resident undergraduates enrolled on the Columbia campus is expected to decrease from 84% to 82% and from 90% to 85% on the St. Louis campus. The percentage of resident graduate students is expected to hold steady at 57% on the Columbia campus, 54% on the Kansas City campus, and 32% on the Rolla campus. The St. Louis campus expects a 3% decrease in the percentage of resident graduate students (Table 3).

Total on-campus, on-schedule credit hours across the System is expected to increase 3% over the next five years from 708,769 to 729,475 (Appendix Table E).

## Organization of Report

The text of this report, “Basis for Enrollment Projections by Campus” refers to Tables 1-3 located in the body of the report. Please note, however, that more detailed information about the campus projections can be found in the appendix. Organized by campus, the tables in the appendix illustrate expected enrollment changes at the lower and upper-division undergraduate levels, projections for each professional program (e.g., law, pharmacy, optometry, etc.), and enrollment forecasts at the graduate level. The appendix also includes more detailed information concerning the percentage of Missouri residents by level and the percentage of full-time students by level.

## Note

Many of the revenue projections done at the university are based on course jurisdictions. The “Actual” headcount of students is based on student jurisdictions and IPEDS Fall Enrollment Survey definitions. According to IPEDS definitions, the follow students are excluded in the “Actual” headcount:

Students enrolled exclusively in courses **not creditable** toward a formal award or the completion of a vocational program.

Students taking Continuing Education Units (CEUs) unless they are also enrolled in courses creditable toward a degree or other formal award.

Students exclusively auditing classes.

Residents or interns in first-professional fields, since they have already received their first-professional degree.

Any student studying abroad (e.g., at a foreign university) if their enrollment at this institution is only an administrative record and the fee is nominal.

Students in any branch campus located in a foreign country.

## University of Missouri Enrollment Projections, 2009

**Table 1. Student On-Campus, On-Schedule Headcount Projections by Level**

Campus/Level	Actual	Projected					% change from 2008
	2008	2009	2010	2011	2012	2013	
<b>Columbia</b>							
Undergraduate	22,687	23,647	24,303	24,896	24,385	23,811	5%
Professional	1,126	1,113	1,122	1,124	1,123	1,123	0%
Graduate	4,562	4,634	4,684	4,704	4,704	4,704	3%
Total	28,375	29,394	30,109	30,724	30,212	29,638	4%
<b>Kansas City</b>							
Undergraduate	7,654	7,654	7,757	7,866	7,985	8,094	6%
Professional	1,569	1,608	1,623	1,635	1,638	1,623	3%
Graduate	3,591	3,232	3,232	3,232	3,232	3,232	-10%
Total	12,814	12,494	12,612	12,733	12,855	12,949	1%
<b>Missouri S&amp;T</b>							
Undergraduate	4,897	5,014	4,993	4,933	4,860	4,773	-3%
Graduate	870	852	846	842	840	839	-4%
Total	5,767	5,866	5,839	5,775	5,700	5,612	-3%
<b>St. Louis</b>							
Undergraduate	8,893	9,100	9,126	9,160	9,200	9,256	4%
Professional	178	178	178	178	178	178	0%
Graduate	2,831	2,835	2,843	2,850	2,850	2,850	1%
Total	11,902	12,113	12,147	12,188	12,228	12,284	3%
<b>System Total</b>							
Undergraduate	44,131	45,415	46,179	46,855	46,430	45,934	4%
Professional	2,873	2,899	2,923	2,937	2,939	2,924	2%
Graduate	11,854	11,553	11,605	11,628	11,626	11,625	-2%
Total	58,858	59,867	60,707	61,420	60,995	60,483	3%

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**Table 2. First-Time, Full-Time, Degree-Seeking Freshmen Headcount Projections**

Campus	Actual	Projected					% change from 2008
	2008	2009	2010	2011	2012	2013	
Columbia	5,780	5,764	5,760	5,442	5,217	5,096	-12%
Kansas City	1,008	1,008	1,023	1,038	1,054	1,070	6%
Missouri S&T	1,045	1,060	990	970	960	950	-9%
St. Louis	468	485	498	510	515	520	11%
System Total	8,301	8,317	8,271	7,960	7,746	7,636	-8%

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**Table 3. Percentage of On Schedule Resident and Full-Time Headcount Projections by Level and Campus**

	Projected Percentage						Projected Percentage					
	Actual	Resident					Actual	Full-time				
	2008	2009	2010	2011	2012	2013	2008	2009	2010	2011	2012	2013
<b>Columbia</b>												
Undergraduate	84	84	83	83	82	82	95	95	95	95	95	95
Total 1st Professional	93	93	93	93	93	93	99	99	99	99	99	99
Law	91	91	91	91	91	91	97	97	97	97	97	97
Medicine	97	97	97	97	97	97	100	100	100	100	100	100
Vet Medicine	91	91	91	91	91	91	100	100	100	100	100	100
Graduate	57	57	57	57	57	57	57	57	57	57	57	57
<b>Kansas City</b>												
Undergraduate	72	72	72	72	72	72	77	77	77	77	77	77
Total 1st Professional	78	78	78	78	78	78	98	98	98	98	98	98
Dentistry	69	69	69	69	69	69	100	100	100	100	100	100
Law	81	81	81	81	81	81	94	94	94	94	94	94
Medicine	73	73	73	73	73	73	100	100	100	100	100	100
Pharmacy	93	93	93	93	93	93	100	100	100	100	100	100
UMKC-UMC PharmD	0	0	0	0	0	0	0	0	0	0	0	0
Graduate	54	54	54	54	54	54	34	34	34	34	34	34
<b>Missouri S&amp;T</b>												
Undergraduate	81	81	81	81	81	81	93	93	93	93	93	93
Graduate	32	32	32	32	32	32	77	77	77	77	77	77
<b>St. Louis</b>												
Undergraduate	90	88	87	86	85	85	64	65	65	65	65	65
Total 1st Professional	50	50	50	50	50	50	100	100	100	100	100	100
Optometry	50	50	50	50	50	50	100	100	100	100	100	100
Graduate	83	81	80	80	80	80	26	25	25	25	25	25

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## **Basis for On-Campus Enrollment Projections by Campus**

Making these projections requires the careful consideration of factors influencing future enrollments. For instance, each of the following could potentially influence enrollment: the effectiveness of an institution's recruiting and marketing strategy; shifts in the number of seniors graduating from high school; the national economy and state budget cuts in higher education; retention rates of students enrolled; and current tuition levels along with anticipated increases. In addition, the competitiveness of other institutions vying for the same students; the availability of transfer students; changes in admission standards; new state policies or programs; and high school student interest in specific fields can all play a role. The basis for projecting enrollment growth at each campus is unique.

*UM-Columbia*

anticipated that the strategic planning process will be complete in Fall 2009.

### *Missouri S&T*

Total on-campus, on-schedule headcount at Missouri S&T is expected to decrease 3% from 5,767 in 2008 to 5,612 in 2013 (Table 1). The on-campus first-time freshmen, new transfers and new graduate estimates were provided by S&T's Vice Provost and Dean of Enrollment Management.

The Vice Provost for Global Learning believes the 21% projected increase in extension and off-campus enrollment is appropriate for S&T's current mix of programs and the expected changes in activity (Table C).

The overall projections for S&T are appropriate in light of the current application, accepted and pre-registration counts for FS 2009, although it is recognized that the severity of the on-going economic down-turn may influence the final enrollment figures.

Based on S&T's multi-year admit-to-enrollee yield models, the university expects the 2009-10 undergraduate enrollments will increase slightly and graduate enrollments will be fairly static.

Future new student projections are based on student market analysis that accounts for the expected declines in Missouri high school graduates and the low student interest levels for engineering, science and computing degrees. Expanded recruitment and retention activity plans are in place to reduce the downward projections and achieve these targets.

Continuing and readmitted students, both undergraduate & graduate were based on previous years return and graduation rates along with the most recent fall to winter analysis.

### *UM-St. Louis*

In these uncertain economic times, enrollment projections have become more and more difficult and traditional forecasting models are not necessarily reliable. National and state trends, which show a projected significant decrease in the number of graduating seniors, were considered in addition to economic and social trends. An attempt was made to balance these trends against the new and continued recruitment and retention activities on the St. Louis campus.

Efforts to increase student enrollments at UMSL include a significantly enhanced scholarship program, increased outreach to underserved populations (i.e.-Serbian/Croatian/Bosnian students, home-schooled students, etc.), an increased focus on student retention by the Center for Student Success, an increased focus on class scheduling and program delivery and other initiatives designed to attract students.

UMSL is also experiencing an increase in the number of freshmen applicants who were originally planning on going away to college, but are now staying home in St. Louis. These students hope to still be a part of a traditional four-year university and are turning to UMSL.

At the same time, UMSL took into consideration economic factors that may cause more students to stay at the community college and/or to take advantage of A+ programs, or stop out of college all together. However, as an institution that has a high number of transfer students, it is felt that the impact on the overall number of students at UMSL will not be significant. As students work through the pipeline, the strong transfer programs that are in place, as well as new outreach programs, should

help UMSL continue to succeed in enrolling this population. While some short-term decreases have been experienced, such as last year, it is felt that these students will eventually transfer to UMSL to finish their degrees.

UMSL is experiencing more students who are staying in school to finish degrees rather than working, as well as an increase in adult students returning for more education or to complete a degree.

UMSL is starting to show increases in retention due to efforts started three years ago in the Center for Student Success and hope those numbers will continue to increase.

UMSL did not anticipate a huge drop in graduate admissions this year. Generally, a bad economy signals growth for graduate programs as people re-tool, so UMSL planned accordingly. Projections were revised this year because of the unique economic situation, particularly high unemployment. It appears that potential graduate students are not investing in advanced degrees because of the lack of job mobility. Jobs in Education and Business, UMSL's two largest graduate programs, have been especially hit in the current economic context. It may be possible that enrollments will increase as Missourians gain more confidence in future opportunities, but it is more prudent to forecast downward. The economic context has also affected the campus's ability to recruit.



## **Notes**

A special thanks to the campus representatives who were responsible for the enrollment projections on their campus: Alysha O'Neil at Columbia, Karen Wilkerson at Kansas City, Carol Heddinghaus at Rolla, and Greg McCalley at St. Louis.

Please address any questions or concerns to:

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## **Definitions**

## **Appendix**

**TABLE A**  
**UNIVERSITY OF MISSOURI-COLUMBIA**  
**ENROLLMENT PROJECTIONS REPORT**

	Actual 2008	2009	2010	Projected 2011	2012	2013	Change from 2008	2009	2011	2013
<b>On-Campus</b>										
F-T, F-T, DS Freshmen*	5,780	5,764	5,760	5,442	5,217	5,096	-12%			
Total Undergraduate	22,687	23,647	24,303	24,896	24,385	23,811	5%			
Law	453	450	450	450	450	450	-1%			
Medicine	387	375	375	375	375	375	-3%			
Vet Medicine	286	288	297	299	298	298	4%			
Total 1st Professional	1,126	1,113	1,122	1,124	1,123	1,123	0%			
Total Graduate	4,562	4,634	4,684	4,704	4,684	4,684	3%			
						<b>30,212</b>	<b>916308</b>			

**TABLE B**  
**UNIVERSITY OF MISSOURI-KANSAS CITY**

**TABLE C**  
**MISSOURI S&T**

**TABLE D**  
**UNIVERSITY OF MISSOURI-ST. LOUIS**  
**ENROLLMENT PROJECTIONS REPORT**

	Actual		Projected				Change	Projected FTE		
	2008	2009	2010	2011	2012	2013	from 2008	2009	2011	2013
<b>Fall Headcount - On Schedule</b>										
<b>On-Campus</b>										
F-T, F-T, DS Freshmen*	468	485	498	510	515	520	11%			
Total Undergraduate	8,893	9,100	9,126	9,160	9,200	9,256	4%			
Optometry	178	178	178	178	178	178	0%			
Total 1st Professional	178	178	178	178	178	178	0%			
Total Graduate	2,831	2,835	2,843	2,850	2,850	2,850	1%			
<b>Total On-Campus</b>	<b>11,902</b>	<b>12,113</b>	<b>12,147</b>	<b>12,188</b>	<b>12,228</b>	<b>12,284</b>	<b>3%</b>			
<b>Extension/Off-Campus</b>										
Undergraduate	3,465	3,400	3,400	3,400	3,400	3,400	-2%			
Graduate	374	375	375	375	375	375	0%			
<b>Total Extension Off Campus</b>	<b>3,839</b>	<b>3,775</b>	<b>3,775</b>	<b>3,775</b>	<b>3,775</b>	<b>3,775</b>	<b>-2%</b>			
<b>Grand Total</b>	<b>15,741</b>	<b>15,888</b>	<b>15,922</b>	<b>15,963</b>	<b>16,003</b>	<b>16,059</b>	<b>2%</b>			
<b>Fall SCH - On Schedule</b>										
<b>On-Campus</b>										
Total Undergraduate	98,373	100,068	100,351	100,543	100,934	101,370	3%	6,671	6,703	6,758
Optometry	3,566	3,550	3,550	3,550	3,550	3,550	0%	178	178	178
Total 1st Professional	3,566	3,550	3,550	3,550	3,550	3,550	0%	178	178	178
Total Graduate	17,203	17,250	17,275	17,300	17,300	17,300	1%	1,438	1,442	1,442
<b>Total On-Campus</b>	<b>119,142</b>	<b>120,868</b>	<b>121,176</b>	<b>121,393</b>	<b>121,784</b>	<b>122,220</b>	<b>3%</b>	<b>8,287</b>	<b>8,323</b>	<b>8,378</b>
<b>Extension/Off-Campus</b>										
Undergraduate	18,830	18,800	18,800	18,800	18,800	18,800	0%	1,253	1,253	1,253
Graduate	1,837	1,830	1,830	1,830	1,830	1,830	0%	153	153	153
<b>Total Extension Off Campus</b>	<b>20,667</b>	<b>20,630</b>	<b>20,630</b>	<b>20,630</b>	<b>20,630</b>	<b>20,630</b>	<b>0%</b>	<b>1,406</b>	<b>1,406</b>	<b>1,406</b>
<b>Grand Total</b>	<b>139,809</b>	<b>141,498</b>	<b>141,806</b>	<b>142,023</b>	<b>142,414</b>	<b>142,850</b>	<b>2%</b>	<b>9,693</b>	<b>9,728</b>	<b>9,784</b>

\*First-time, Full-time, Degree-Seeking  
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**TABLE E**  
**UNIVERSITY OF MISSOURI SYSTEM**  
**ENROLLMENT PROJECTIONS REPORT**

	Actual	Projected					Change	Projected FTE		
	2008	2009	2010	2011	2012	2013	from 2008	2009	2011	2013
<b>Fall Headcount - On Schedule</b>										
<b>On-Campus</b>										
F-T, F-T, DS Freshmen*	8,301	8,317	8,271	7,960	7,746	7,636	-8%			
Total Undergraduate	44,131	45,415	46,179	46,855	46,430	45,934	4%			
Dentistry	399	399	399	399	399	399	0%			
Law	945	940	940	940	940	940	-1%			
Medicine	767	755	755	755	755	755	-2%			
Optometry	178	178	178	178	178	178	0%			
Pharmacy	298	339	354	366	369	354	19%			
Vet Medicine	286	288	297	299	298	298	4%			
Total 1st Professional	2,873	2,899	2,923	2,937	2,939	2,924	2%			
Total Graduate	11,854	11,553	11,605	11,628	11,626	11,625	-2%			
<b>Total On-Campus</b>	<b>58,858</b>	<b>59,867</b>	<b>60,707</b>	<b>61,420</b>	<b>60,995</b>	<b>60,483</b>	<b>3%</b>			
<b>Extension/Off-Campus</b>										
Undergraduate	5,379	5,330	5,346	5,363	5,380	5,398	0%			
Graduate	2,482	2,600	2,721	2,835	2,920	3,009	21%			
<b>Total Extension Off Campus</b>	<b>7,861</b>	<b>7,930</b>	<b>8,067</b>	<b>8,198</b>	<b>8,300</b>	<b>8,407</b>	<b>7%</b>			
<b>Grand Total</b>	<b>66,719</b>	<b>67,797</b>	<b>68,774</b>	<b>69,618</b>	<b>69,295</b>	<b>68,890</b>	<b>3%</b>			
<b>Fall SCH - On Schedule</b>										
<b>On-Campus</b>										
Total Undergraduate	578,202	587,965	605,347	614,093	607,792	600,186	4%	39,198	40,940	40,012
Dentistry	8,126	8,126	8,126	8,126	8,126	8,126	0%	399	399	399
Law	13,712	13,608	13,608	13,608	13,608	13,628	-1%	907	907	909
Medicine	13,847	13,665	13,665	13,665	13,665	13,665	-1%	755	755	755
Optometry	3,566	3,550	3,550	3,550	3,550	3,550	0%	178	178	178
Pharmacy	5,025	5,085	5,310	5,490	5,535	5,310	6%	339	366	354
Vet Medicine	3,792	3,819	3,920	3,977	3,933	3,933	4%	288	299	298
Total 1st Professional	48,068	47,853	48,179	48,416	48,417	48,212	0%	2,866	2,904	2,893
Total Graduate	82,499	80,591	80,954	81,101	81,085	81,077	-2%	6,716	6,758	6,756
<b>Total On-Campus</b>	<b>708,769</b>	<b>716,409</b>	<b>734,480</b>	<b>743,610</b>	<b>737,294</b>	<b>729,475</b>	<b>3%</b>	<b>48,780</b>	<b>50,602</b>	<b>49,661</b>
<b>Extension/Off-Campus</b>										
Undergraduate	26,207	26,255	26,336	26,422	26,508	26,599	1%	1,750	1,761	1,773
Graduate	12,168	12,731	13,319	13,874	14,280	14,706	21%	1,061	1,156	1,226
<b>Total Extension Off Campus</b>	<b>38,375</b>	<b>38,986</b>	<b>39,655</b>	<b>40,296</b>	<b>40,788</b>	<b>41,305</b>	<b>8%</b>	<b>2,811</b>	<b>2,918</b>	<b>2,999</b>
<b>Grand Total</b>	<b>747,144</b>	<b>755,395</b>	<b>774,135</b>	<b>783,906</b>	<b>778,082</b>	<b>770,780</b>	<b>3%</b>	<b>51,591</b>	<b>53,520</b>	<b>52,660</b>

\*First-time, Full-time, Degree-Seeking  
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