ENROLLMENT PROJECTIONS REPORT 2000

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Enrollment Projections Report, 2000 University of Missouri System Office of Planning & Budget

Executive Summary

The *Enrollment Projections Report*, 2000 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 and these projections are presented in this report unaltered. The totals for the UM System were calculated by adding totals from each of the four UM campuses. A special thanks to the following representatives who provided the enrollment projections for their campus: Rob. Taylor at UM-Columbia, Jennifer Spielvogel at UM-Kansas City, Carol Heddinghaus at UM-Rolla, and Mimi LaMarca at UM-St. Louis.

The highlights of the report include:

- Full-time, first-time freshmen enrollment is projected to increase 8% over the next five years. All four campuses expect increases, from 5% at Columbia to 12%, 12%, and 16% at Kansas City, St. Louis, and Rolla, respectively.
- System-wide, undergraduate headcount is expected to increase from 37,031 in fall of 1999 to 39,211 in the fall of 2004, an increase of 6%.
- Graduate headcount is expected to increase overall by 6%. An increase in graduate enrollment is expected at both the Columbia and Kansas City campuses (5% and 10%, respectively).
 Graduate enrollment is expected to remain the same at the Rolla campus, while a decrease in graduate enrollment by 3% is expected at the St. Louis campus.
- Undergraduate on-campus, on-schedule credit hours across the System should see an increase from approximately 458,087 credit hours in fall of 1998 to nearly 484,033 in the fall of 2004.
- Only Rolla excepts a change in the percentage of students who are enrolled full-time or in the percentage of students who are residents of Missouri. The Rolla campus predicts that there will be a 5% decrease in the number of undergraduate students that are Missouri residents. It is also predicted that there will be a 2% decrease in the number of graduate students that are Missouri residents. A 1% increase is expected in the percentage of full time graduate students while the percentage of full time undergraduate students will remain unchanged.

Organization of Report

The 2000 Enrollment Projections Report 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 and these projections are presented in this report unaltered. The totals for the UM System were calculated by adding totals from each of the four UM campuses.

The text of this report 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 non-Missouri residents by level and the percentage of full-time students by level.

Considerations in Making Enrollment Projections

Making enrollment projections requires the careful consideration of several factors and influences that can affect future enrollments. For instance, depending on the campus, each of the following could influence enrollment: the effectiveness of an institution's recruiting and marketing strategy, shifts in the number of seniors graduating from high school, the economy, retention rates of students enrolled, and current tuition levels and 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.

There are three factors that continue to influence on-campus enrollment projections at the University of Missouri. Foremost, the various enrollment management approaches on each of the four campuses have significantly influenced enrollment projections for the next five years. For example, both of the urban campuses are working to improve recruiting efforts at the local community colleges in order to attract more transfer students. Another factor that continues to influence on-campus enrollment projections is the gradual increase in the number of high school graduates in the state of Missouri. The College Board has anticipated that 61,990 students will graduate from Missouri public and private high schools in 2004. This projection is nearly 3% above the estimated 59,844 that are expected to graduate in 2000. The last factor that continues to influence student enrollment projections at the University of Missouri is the economy. The economy in Missouri has remained relatively strong and appears at least stable for the near future. Typically, when work opportunities are plentiful and salaries are respectable, fewer individuals, particularly non-traditional students, consider attending college. At the professional level and to a lesser extent at the graduate level, enrollment projections tend to be more reliable than undergraduate enrollment forecasts. This can be for several reasons, some of which include the ability to cap enrollment, better predict retention rates, and the ability to limit the influx of students entering the program at different levels.

On-Campus Enrollment Projections

UM-Columbia

Enrollment is expected to increase at all levels on the Columbia campus. Total on-campus headcount is expected to increase 5% from 22,795 in 1999 to 23,927 in 2004 (Table 1). Professional -level enrollments are expected to increase by 2% and graduate enrollment is projected to increase by 5%. First-time degree-seeking freshmen enrollment is expected to increase by 5% from 3,877 in 1999 to 4,069 in 2004 (Table 2). The percentage of Missouri residents and full-time students enrolled at UM-Columbia will remain steady over the next five years at 86% and 93%, respectively (Table 3).

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

		Actual			Projected			% change
Campus/Level		1999	2000	2001	2002	2003	2004	from 1999
Columbia								
	Undergraduate	17,770	17,842	18,176	18,456	18,611	18,687	5%
	Professional	1,148	1,170	1,170	1,170	1,170	1,170	2%
	Graduate	3,877	3,910	3,950	3,990	4,030	4,070	5%
	Total	22,795	22,922	23,296	23,616	23,811	23,927	5%
Kansas City								
	Undergraduate	5,787	5,903	6,080	6,262	6,450	6,644	15%
	Professional	1,362	1,362	1,362	1,362	1,362	1,362	0%
	Graduate	3,333	3,433	3,502	3,554	3,607	3,680	10%
	Total	10,482	10,698	10,944	11,178	11,419	11,686	11%
Rolla								
	Undergraduate	3,859	3,771	3,763	3,785	3,817	3,853	0%
	Graduate	776	771	775	777	778	778	0%
	Total	4,635	4,542	4,538	4,562	4,595	4,631	0%
St Louis								
	Undergraduate	9,615	9,694	9,781	9,860	9,946	10,027	4%
	Professional	173	170	170	170	170	170	-2%
	Graduate	2,281	2,250	2,240	2,230	2,220	2,210	-3%
	Total	12,069	12,114	12,191	12,260	12,336	12,407	3%
System Total								
	Undergraduate	37,031	37,210	37,800	38,363	38,824	39,211	6%
	Professional	2,683	2,702	2,702	2,702	2,702	2,702	1%
	Graduate	10,267	10,364	10,467	10,551	10,635	10,738	5%
	Total	49,981	50,276	50,969	51,616	52,161	52,651	5%

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

		Projected							
Campus	1999	2000	2001	2002	2003	2004 f	From 1999		
Columbia	3,877	4,000	4,049	4,069	4,069	4,069	5%		
Kansas City	640	653	669	686	700	717	12%		
Rolla	680	732	761	776	785	790	16%		
St. Louis	539	568	582	586	599	605	12%		
System Total	5,736	5,953	6,061	6,117	6,153	6,181	8%		

UM-Kansas City

The Kansas City campus expects an overall on-campus enrollment increase of 11% during the next five years. Much of this growth will occur at the undergraduate level, where an increase of nearly 15% is anticipated. Professional level enrollment is expected to stay the same at 1,362 over the next five years, while the graduate level enrollment is expected to increase nearly 10% (Table 1). Some of the growth at the undergraduate level can be attributed to an expected increase in first-time freshmen: an increase of 12% by 2004 (Table 2). As with the Columbia campus, the percentage of Missouri residents and the percentage of full-time students are expected to remain the same during this period of time at 76% and 6 7%, respectively. (Table 3)

UM-Rolla

Undergraduate enrollment will remain relatively steady and graduate enrollment will increase 2% during the next five years on the Rolla Campus. Overall, total on-campus enrollment will remain at current levels (Table 1). Particularly noteworthy, first-time freshmen enrollment is forecasted to grow 16%, increasing from 680 in 1999 to 790 in 2004 (Table 2). At the undergraduate level, the Rolla campus expects to see a decrease in the percentage of Missouri residents, from 75% to 70%, in the next five years. The percentage of full-time students is expected to remain relatively steady at 89% (Table 3).

UM-St Louis

Overall on-campus enrollment is projected to increase 3% over the next five years. By level, increases of 4% at the undergraduate level and decreases of 3% at the graduate level are expected. Enrollment in optometry, which is the only professional program at the St Louis campus, is expected to decrease by 2% from the 1999 level (Table 1). The most significant gains expected on the St Louis campus are reflected in first-time freshmen projections. St Louis anticipates a 12% increase in first-time freshmen enrollment from 539 students in 1999 to 605 in 2004 (Table 2). In terms of the percentage of Missouri residents and the percentage of full-time students, the St Louis campus expects those percentages to remain largely unchanged over the next five-year period at 95% and 56%, respectively (Table 3).

UM System Total

Total on-campus enrollment for the UM-System is expected to grow 5% over the next five years from 49,981 in 1999 to 52,651 in 2004. Increases are expected during this period at the undergraduate, graduate, and professional levels of 6%, 5%, and 1%, respectively. Interestingly, the Kansas City, Rolla, and St Louis campuses all expect at least double-digit percentage increases in first-time freshmen enrollment over the five-year period. Overall, first-time freshmen enrollment is expected to increase 8%.

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

Notes

A special thanks to the campus representatives who were responsible for the enrollment projections on their campus: Rob. Taylor at Columbia, Jennifer Spielvogel at Kansas City, Carol Heddinghaus at Rolla, and Mimi La Marca at St Louis.

Please address any questions or concerns to La Shonda Boone, Assistant Analyst, Office of Planning and Budget, 104 University Hall, University of Missouri System, Columbia, MO 65211, 573-884-3104.

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Definitions

Full-time equivalent (FTE) was calculated using the following definitions:

Undergraduate FTE = Total semester SCH/15 Graduate FTE = Total semester SCH/12

For First Professional, these University of Missouri definitions were used:

Dentistry FTE = Headcount

Law FTE = Total semester SCH/15 UMC Medicine FTE = Total semester SCH/18

UMKC Medicine FTE = Headcount Optometry FTE = Headcount Pharmacy FTE = Headcount

Vet Medicine FTE = Total semester SCH/16

Appendix

						•	Change			
_	Actual	-			om 1999		Έ			
	1999	2000	2001	2002	2003	2004		2000	2002	2004
]	Fall Headcou	nt - On Sche	lule					
On-Campus										
F-T, F-T, DS Freshmen	3,877	4,000	4,049	4,069	4,069	4,069	5%			
Total Undergraduate	17,770	17,842	18,176	18,456	18,611	18,687	5%			
Dentistry	0									
Law	521	540	540	540	540	540	4%			
Medicine	379	380	380	380	380	380	0%			
Optometry	0									
Pharmacy	0									
Vet Medicine	248	250	250	250	250	250	1%			
Total 1st Professional	1,148	1,170	1,170	1,170	1,170	1,170	2%			
Graduate	3,845	3,878	3,918	3,958	3,998	4,038	5%			
UMR EEC at UMSL										
UMKC Engineering at UM_	32	32	32	32	32	32				
Total Graduate	3,877	3,910	3,950	3,990	4,030	4,070				
Extension On-Campus	NA	NA	NA	NA	NA	NA				
Total On-Campus	22,795	22,922	23,296	23,616	23,811	23,927	5%			
Extension/Off-Campus										
Grand Total	22,795	22,922	23,296	23,616	23,811	23,927	5%			
					Fall S	SCH - On Sc	hedule			
On-Campus										
Total Undergraduate	239,328	239,994	244,484	248,243	250,323	251,355	5%	16,000	16,550	16,757
Dentistry	0									
Law	7,444	7,776	7,776	7,776	7,776	7,776	4%	518	518	518
Medicine	7,003	7,182	7,182	7,182	7,182	7,182	3%	399	399	399
Optometry	0									
Pharmacy	0									
Vet Medicine	4,047	4,175	4,175	4,175	4,175	4,175	3%	261	261	261
Total 1st Professional	18,494	19,133	19,133	19,133	19,133	19,133	3%	1,178	1,178	1,178
Graduate	27,024	26,024	26,292	26,560	26,828	27,096		2,169	2,213	2,258
UMR EEC at UMSL										
UMC Engineering at UMK_	173	173	173	173	173	173		14	14	14
Total Graduate	27,197	26,197	26,465	26,733	27,001	27,269	0%	2,183	2,228	2,272
Extension On-Campus*	698	500	500	500	500	500				
Total On-Campus	285,019	285,324	290,082	294,109	296,457	297,757	4%	19,361	19,956	20,208
Extension/Off-Campus	0	0	0	0	0	0		**	**	**
Grand Total***	285,019	285,324	290,082	294,109	296,457	297,757	4%	19,361	19,956	20,208

Notes:

^{*}Extension On-Campus hours are not included in any totals and are listed for informational purposes only.

^{**} Did not compute because of varied FTE definitions.

^{***} Projected FTE Grand Totals do not include projected Extension/Off-campus FTE.

							Change			
-	Actual 1999	2000	2001	Projected	2002		rom 1999		ojected F1	
	1999		2001	2002	2003	2004		2000	2002	200
On-Campus		r	all Headcou	nt - On Scn	eauie					
F-T, F-T, DS Freshmen	640	653	669	686	700	717	12%			
Total Undergraduate	5,787	5,903	6,080	6,262	6,450	6,644	15%			
Dentistry	309	309	309	309	309	309	1370			
Law	490	490	490	490	490	490	0%			
Medicine	363	363	363	363	363	363	0%			
Optometry	303	303	303	303	303	303	070			
Pharmacy	200	200	200	200	200	200				
Vet Medicine	200	200	200	200	200	200				
Total 1st Professional	1,362	1,362	1,362	1,362	1,362	1,362	0%			
Graduate	3,333	3,433	3,502	3,554	3,607	3,680	10%			
UMR EEC at UMSL	3,333	3,433	3,302	3,334	3,007	3,000	1070			
UMKC Engineering at UM	C									
Total Graduate	3,333	3,433	3,502	3,554	3,607	3,680				
Extension On-Campus	3,333 NA	3,433 NA	3,302 NA	3,354 NA	3,007 NA	3,000 NA				
Total On-Campus	10,482	10,698	10,944	11,178	11,419	11,686	11%			
Extension/Off-Campus	1,036	2,800	3,000	3,000	3,000	3,000	190%			
Grand Total	11,518	13,498	13,944	14,178	14,419	14,686	28%			
Grand Total	11,510	13,470	13,744	14,170	14,417	14,000	2070			
					Fall S	CH - On So	chedule			
On-Campus										
Total Undergraduate	66,807	67,882	69,918	72,015	74,176	76,401	14%	4,525	4,801	5,093
Dentistry	6,244	6,244	6,244	6,244	6,244	6,244	0%	309	309	309
Law	7,055	7,055	7,055	7,055	7,055	7,055	0%	470	470	470
Medicine	6,548	6,548	6,548	6,548	6,548	6,548	0%	363	363	363
Optometry										
Pharmacy	2,908	2,908	2,908	2,908	2,908	2,908		200	200	200
Vet Medicine							-			
Total 1st Professional	22,755	22,755	22,755	22,755	22,755	22,755	0%	1,342	1,342	1,342
Graduate	19,570	20,255	20,660	20,970	21,284	21,710		1,688	1,748	1,809
UMR EEC at UMSL										
UMC Engineering at UMK							-			
Total Graduate	19,570	20,255	20,660	20,970	21,284	21,710	11%	1,688	1,748	1,809
Extension On-Campus*	0	0	0	0	0	0				
Total On-Campus	109,132	110,892	113,333	115,740	118,215	120,866	11%	7,556	7,891	8,245
Extension/Off-Campus	3,408	8,400	9,000	9,000	9,000	9,000	-	**	**	*
Grand Total***	112,540	119,292	122,333	124,740	127,215	129,866	15%	7,556	7,891	8,245

Notes:

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^{**} Did not compute because of varied FTE definitions.

^{***} Projected FTE Grand Totals do not include projected Extension/Off-campus FTE.

							Change				
	Actual		Projected			f	rom 1999	Projected FTE			
	1999	2000	2001	2002	2003	2004		2000	2002	2004	
		F	all Headcou	nt - On Sch	edule						
On-Campus											
F-T, F-T, DS Freshmen	680	732	761	776	785	790	16%				
Total Undergraduate	3,859	3,771	3,763	3,785	3,817	3,853	0%				
Dentistry											
Law											
Medicine											
Optometry											
Pharmacy											
Vet Medicine											
Total 1st Professional	0	0	0	0	0	0					
Graduate	658	666	670	672	673	673	2%				
UMR EEC at UMSL	118	105	105	105	105	105	-11%				
UMKC Engineering at UMC	_										
Total Graduate	776	771	775	777	778	778					
Extension On-Campus	NA	NA	NA	NA	NA	NA					
Total On-Campus	4,635	4,542	4,538	4,562	4,595	4,631	0%				
Extension/Off-Campus	80	141	144	173	185	204	155%				
Grand Total	4,715	4,683	4,682	4,735	4,780	4,835	3%				
					Fall SC	CH - On Se	chedule				
On-Campus											
Total Undergraduate	52,994	51,813	51,767	52,120	52,584	53,079	0%	3,454	3,475	3,539	
Dentistry											
Law											
Medicine											
Optometry											
Pharmacy											
Vet Medicine							•				
Total 1st Professional	0	0	0	0	0	0		0	0	0	
Graduate	5,615	5,683	5,717	5,734	5,743	5,743	2%	474	478	479	
UMR EEC at UMSL	465	414	414	414	414	414	-11%	35	35	35	
UMC Engineering at UMKC							-				
Total Graduate	6,080	6,097	6,131	6,148	6,157	6,157	1%	508	512	513	
Extension On-Campus*											
Total On-Campus	59,074	57,910	57,898	58,268	58,741	59,236	0%	3,962	3,987	4,052	
Extension/Off-Campus	384	677	691	830	888	979	155%	**	**	**	
Grand Total***	59,458	58,587	58,589	59,098	59,629	60,215	1%	3,962	3,987	4,052	

Notes:

^{*}Extension On-Campus hours are not included in any totals and are listed for informational purposes only.

 $[\]ensuremath{^{**}}$ Did not compute because of varied FTE definitions.

^{***} Projected FTE Grand Totals do not include projected Extension/Off-campus FTE.

UNIVERSITY OF MISSOURI-ST. LOUIS ENROLLMENT PROJECTIONS REPORT

							Change			
	Actual			Projected	fi	rom 1999	Pr	E		
	1999	2000	2001	2002	2003	2004		2000	2002	2004
			Fall Head	count - On Schedu	ıle					
On-Campus										
F-T, F-T, DS Freshmen	539	568	582	586	599	605	12%			
Total Undergraduate	9,615	9,694	9,781	9,860	9,946	10,027	4%			
Dentistry										
Law										
Medicine										
Optometry	173	170	170	170	170	170	-2%			
Pharmacy										
Vet Medicine										
Total 1st Professional	173	170	170	170	170	170	-2%			
Graduate	2,281	2,250	2,240	2,230	2,220	2,210	-3%			
UMR EEC at UMSL	0									
UMKC Engineering at UM	I <u>C</u>									
Total Graduate	2,281	2,250	2,240	2,230	2,220	2,210				
Extension On-Campus	NA	NA	NA	NA	NA	NA				
Total On-Campus	12,069	12,114	12,191	12,260	12,336	12,407	3%			
Extension/Off-Campus	3,525	2,715	2,757	2,778	2,800	2,822				
Grand Total	15,594	14,829	14,948	15,038	15,136	15,229	-2%			
					Fall S	CH - On So	hedule			
On-Campus										
Total Undergraduate	98,958	99,771	100,666	101,480	102,365	103,198	4%	6,651	6,765	6,880
Dentistry										
Law										
Medicine										
Optometry	3,442	3,334	3,334	3,334	3,334	3,334		170	170	170
Pharmacy										
Vet Medicine							-			
Total 1st Professional	3,442	3,334	3,334	3,334	3,334	3,334	-3%	170	170	170
Graduate	12,061	11,541	11,489	11,438	11,387	11,336		962	953	945
UMR EEC at UMSL										
UMC Engineering at UMK							-			
Total Graduate	12,061	11,541	11,489	11,438	11,387	11,336	-6%	962	953	945
Extension On-Campus*										
Total On-Campus	114,461	114,646	115,489	116,252	117,086	117,868	3%	7,783	7,889	7,995
Extension/Off-Campus	18,155	13,958	14,133	14,263	14,405	14,538	-	**	**	**
Grand Total***	132,616	128,604	129,622	130,515	131,491	132,406	0%	7,783	7,889	7,995

Notes:

^{*}Extension On-Campus hours are not included in any totals and are listed for informational purposes only.

 $[\]ensuremath{^{**}}$ Did not compute because of varied FTE definitions.

^{***} Projected FTE Grand Totals do not include projected Extension/Off-campus FTE.

UNIVERSITY OF MISSOURI-SYSTEM ENROLLMENT PROJECTIONS REPORT

							Change			
_	Actual		Projected			rom 1999		ΓЕ		
	1999	2000	2001	2002	2003	2004		2000	2002	20
		I	Fall Headco	unt - On Sch	edule					
On-Campus										
F-T, F-T, DS Freshmen	5,736	5,953	6,061	6,117	6,153	6,181	8%			
Total Undergraduate	37,031	37,210	37,800	38,363	38,824	39,211	6%			
Dentistry	309	309	309	309	309	309	0%			
Law	1,011	1,030	1,030	1,030	1,030	1,030	2%			
Medicine	742	743	743	743	743	743	0%			
Optometry	173	170	170	170	170	170	-2%			
Pharmacy	200	200	200	200	200	200	0%			
Vet Medicine	248	250	250	250	250	250	1%			
Total 1st Professional	2,683	2,702	2,702	2,702	2,702	2,702	1%			
Graduate	10,117	10,227	10,330	10,414	10,498	10,601	5%			
UMR EEC at UMSL	118	105	105	105	105	105	-11%			
UMKC Engineering at UM	32	32	32	32	32	32	0%			
Total Graduate	10,267	10,364	10,467	10,551	10,635	10,738	5%			
Extension On-Campus	NA	NA	NA	NA	NA	NA				
Total On-Campus	49,981	50,276	50,969	51,616	52,161	52,651	5%			
Extension/Off-Campus	4,641	5,656	5,901	5,951	5,985	6,026	30%			
Grand Total	54,622	55,932	56,870	57,567	58,146	58,677	7%			
					Fall S	CH - On Se	chedule			
On-Campus										
Total Undergraduate	458,087	459,460	466,835	473,858	479,448	484,033	6%	30,631	31,591	32,26
Dentistry	6,244	6,244	6,244	6,244	6,244	6,244	0%	309	309	30
Law	14,499	14,831	14,831	14,831	14,831	14,831	2%	989	989	98
Medicine	13,551	13,730	13,730	13,730	13,730	13,730	1%	762	762	76
Optometry	3,442	3,334	3,334	3,334	3,334	3,334	-3%	170	170	17
Pharmacy	2,908	2,908	2,908	2,908	2,908	2,908	0%	200	200	20
Vet Medicine	4,047	4,175	4,175	4,175	4,175	4,175	3%	261	261	26
Total 1st Professional	44,691	45,222	45,222	45,222	45,222	45,222	1%	2,691	2,691	2,69
Graduate	64,270	63,503	64,158	64,702	65,242	65,885	3%	5,292	5,392	5,49
UMR EEC at UMSL*	465	414	414	414	414	414	-11%	35	35	3
UMC Engineering at UMK_	173	173	173	173	173	173	0%	14	14	1
Total Graduate	64,908	64,090	64,745	65,289	65,829	66,472	2%	5,341	5,441	5,53
Extension On-Campus	698	500	500	500	500	500	-28%			
Fotal On-Campus	567,686	568,772	576,802	584,369	590,499	595,727	5%	38,662	39,722	40,49
Extension/Off-Campus	21,947	23,035	23,824	24,093	24,293	24,517	12%	**	**	

Notes:

^{*}Extension On-Campus hours are not included in any totals and are listed for informational purposes only.

^{**} Did not compute because of varied FTE definitions.

^{***} Projected FTE Grand Totals do not include projected Extension/Off-campus FTE.