

Student Admissions Exceptions Report 1999

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Student Admissions: Exceptions Report

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Beginning in fall of 1997, admitted students were required to complete a more rigorous high school curriculum and submit higher test score and high school graduating class rank combinations than any previous freshman class. With a change of this magnitude, it was reasonable to assume that there would be a transitional phase and a period of questioning requirements. This report responds to these issues in two ways. First, progress toward reaching admissions targets is measured by comparing the academic characteristics of sequential fall freshman classes from 1996 through 1998. Second, the importance of each component of the admissions requirement is reflected by two measures of performance for those who did or did not satisfy each requirement: (a) by the rate at which fall 1997 students returned for a sophomore year and (b) by the rate at which fall 1998 freshman earned a GPA \geq 2.0.

Throughout the document the term exception will be used to identify students not meeting each and every component of the published required combination of test score, high school rank and core course distribution for regular admission. Many students classified as exceptions in this report were admitted because they presented strong credentials in most respects or offered other measures predicting likely success.

Two admission policies will be discussed in this report. The first is that of the University of Missouri and the second is the CBHE's standards for selective institutions. The test score and class rank requirements of the two are equal but the policies differ in high school core course requirements. The University of Missouri policy requires one more math and science unit and two foreign language units.

*The fall 1998 **UM policy** exception rate for the four campuses was 17%, 3% less than in fall of 1997.*

The retention rate for fall 1997 students who met the requirements was 12% higher than for those who did not (85% vs. 73%). Similarly, the freshman-year academic success rate for fall 1998 students who met the admission requirements was 18% higher (89% vs. 71%).

Caveats

- Appropriateness of comparing 1996 and 1997 exception rates
- Difference between admissions and enrollments
- Admissions typically based on incomplete information

Description of the 1997 Admission Requirements

Key Observations

Change from fall 1996 to fall 1998 (Table 1)

- Admissions personnel should be commended for increasing enrollment while controlling or reducing freshman exception rates.
- The fall 1998 freshman class is clearly much better prepared than the fall 1996 class and somewhat better prepared than the 1997 class. Comparing the fall 1996 and 1998 classes shows that the number of University of Missouri exceptions to 1997 policy has been reduced from one-in-two to about one-in-six (52% to 17%) and the number of CBHE exceptions has been reduced from about one-in-four to almost one-in-ten (23% to 11%). More importantly, this magnitude of improvement occurred at each campus of the system.
- When the fall 1998 class is compared with the 1997 fall class significant improvement is evident. In 1998, there were 3% fewer exceptions to UM policy and this reduction was in core requirement exceptions.

- More applicants are completing a more rigorous college preparatory program. In 1996: 30% had fewer than four math courses, 15% had less than two foreign language courses, and 7% had less than 3 science courses. By 1998, those rates were reduced from 30% to 7% in math, from 15% to 3% in foreign language, and from 7% to 1% in science. Furthermore, while 46% of fall 1996 freshman had some UM high school core unit exception, only 13% had an exception in 1998. The exception rate also improved greatly for the less rigorous CBHE core, dropping from 11% to 4%. Mathematics exceptions might improve in future years but it is unlikely that the other disciplinary exception rates will be reduced. They are all 3% or less and there are usually a few exceptional cases.
- The percentage of freshmen not meeting the test score and class rank requirement decreased from 16% to 7%. The 1998 test score and class rank combination exception rates by campus were 7% (UM-Columbia), 11% (UM-Kansas City), 1% (UM-Rolla), and 13% (UM-St Louis). The Kansas City, Rolla, and St Louis campuses each reduced the score and rank exception rate by 1%.

Fall 1998 Success Rate and Retention of Fall 1997 Freshmen (Tables 2&3)

- Based on the performance of 1998 freshmen, those who met 1997 standards succeeded at a very high rate and the large majority returned for a second year of study. Almost nine of ten students (89%) who met all 1997 UM requirements earned a GPA of 2.0 or better and five of six (85%) returned for a second year.
- It is also important to note that the success and retention rates of “exceptions” to 1997 policy were high. Seventy-one percent (71%) of 1998 students who did not meet standards earned a GPA of 2.0 or better and 73% of the 1997 exceptions returned for a sophomore year. Alternative admission policies have been reasonably successful in admitting students with a high likelihood of success in spite of specific standard policy deficiencies.

Enrollment Cost of Better Prepared Freshmen

- An April 1997 report used attendance and demographic patterns to forecast annual change in first-time freshmen by campus (Chatman, 1997). Using those steady-state forecasts as a baseline against which to compare actual enrollments suggests the following initial impact associated with more rigorous standards. Expressed relative to fall 1996 the University was expected to show a 4% increase in 1997 and a 7% increase in 1998 enrollment. It actually lost 7% in 1997 and 1% in 1998. This could have been as many as 600 students in 1997 and over 400 in 1998. Of course, there were many factors at work and this analysis is greatly over-simplified. However, there were undoubtedly initial enrollment costs associated with higher standards and additional costs as campuses worked to reduce exception rates. As a reasonably high percentage of exceptions do succeed, the enrollment costs would continue from year to year.
- The Columbia campus was expected to enroll 5% more freshmen in 1997 and 8% more in 1998 (relative to 1996). Actual experience was a 5% decline in 1997 and a 1% increase in 1998.
- The Kansas City campus was expected to increase enrollment by 1% in 1997 and by 4% in 1998 (relative to 1996). Actual enrollment of the full-time freshmen was stable in 1997 and increased by 10% in 1998. These figures suggest impressive performance.
- Rolla campus enrollments would suggest a sizeable impact as enrollment dropped by 10% when expected to increase by 6% and dropped by 6% when expected to increase by 9%. This might first appear odd given the high ability of Rolla’s freshmen, but it should be noted that Rolla reduced the exception rate from 22% in 1997 to 15% in 1998. Rolla exceptions are almost exclusively high school core related but there may have been an associated impact regardless.
- The 1997 forecast called for a 1% loss in 1997 and a 1% gain in 1998 at St Louis (relative to 1996). St Louis actually saw a 27% decrease in 1997 and a 17% decrease in 1998, again expressed relative to 1996. These are considerable losses of first-time, full-time freshmen and suggest that the admissions policy change has had a large impact on the St Louis campus.

Campus-level Observations

UM-Columbia

Table 1

The change in number of students meeting standard 1997 requirements at UM-Columbia has been substantial. Only about half of the 1996 freshman class would have met 1997 UM standards but 83% of the 1997 class and 85% of the 1998 class did so. In terms of high school core course requirements, the percentage meeting the 1997 standards went from 58% (42% exceptions) in fall 1996 to 88% (12% exceptions) in 1997 and only 10% exceptions in 1998. In terms of meeting the goal of 10% exceptions set by the Curators, UM-Columbia has reached 15% total exceptions and is reasonably close to the target. The test score, class rank exception rate was only 7% overall and the core exception rate was 12%. Only 2% of admitted students did not meet either the test score/class rank requirement or the core distribution requirement.

In terms of CBHE policy standards, the Columbia campus should probably be considered in compliance. Strictly stated, the CBHE policy allows for no core course exceptions and the UM-Columbia campus had a core course exception rate of 3%. Given the peculiarities of public university admissions, it is unlikely that any campus will be able to significantly reduce that figure. The CBHE policy does allow 10% test score and class rank combination exceptions and at 7%, UM-Columbia was well under that limit.

Of the core course requirements, the only area where exceptions exceeded 1 or 2% was the fourth unit of mathematics (7%) required by the University. There was no area of significant exception in relation to CBHE required core.

Table 2 (Retention) and Table 3 (GPA Success Rate)

If the performance of last year's freshmen is a fair predictor of the performance of this year's freshmen, then about 87% of 1998 freshmen can be expected to return in fall 1999. Consistent with prior years, nearly nine-in-ten fall 1998 students earned a GPA of 2.0 or better (88%). Examining the success and retention rates of those missing one or more requirement shows that absence of core or test score and class rank were similarly disadvantageous (71% and 65% respectively), but missing both was worse (57%). Of those missing core course requirements, performance in all areas was below the average for the class and was especially low for those deficient in math and science. Outside mathematics, it is unlikely that UM-Columbia will be able to reduce exception rates by core discipline area.

UM-Kansas City

Table 1

In fall of 1998, the Kansas City campus was able to substantially increase freshman enrollment (506 to 555) while actually reducing exception rate (30% to 27%). Reduction in exceptions from fall 1997 to fall of 1998 was across the board. High school core exception rate declined from 24% to 21% and test score/rank exceptions decreased from 13% to 11%. In terms of disciplinary exceptions, the rates were again reduced generally, with no one improvement standing out from the rest. The fourth mathematics requirement continues to be the most troublesome as 98% have three units but 87% have four. Exception rates in other disciplines were 5% or less.

Table 2 (Retention) and Table 3 (GPA Success Rate)

Before examining Kansas City's patterns it is important to note that, like St Louis, the urban environment with limited on-campus residential opportunities, appears to negatively affect retention. At the Kansas City campus, 81% of 1997 freshmen meeting requirements returned the following fall. That figure was 87% at UMC. Success rates of those meeting requirements were very similar for these two campuses (90% at UM-Kansas City and 88% at UM-Columbia). With this difference noted, the patterns were typical.

UM-Rolla

Table 1

The Rolla campus substantially reduced its exception rate from fall of 1997 to 1998 while modestly increasing freshman enrollment. The exception rate in 1997 was 22% but was only 15% in 1998. Very few exceptions are made at the Rolla campus on the basis of test score/rank combinations (1% in 1998) but exceptions due to fine arts (8%) and foreign language (4%) were more common. Given that the total percentage of core exceptions was 14% and the duplicated sum was only 18%, very few Rolla students were deficient in more than one disciplinary area. At 11% in total, Rolla is essentially in compliance with CBHE standards and is reasonably close to the Curators' 10% exception target (15%). Even with the relatively small number of exceptions at Rolla, the across-the-board improvement from 1997 to 1998 is encouraging.

Table 2 (Retention) and Table 3 (GPA Success Rate)

In terms of academic success, the difference between exceptions and those meeting requirements is fairly small. Success rates were only 6% higher for those meeting requirements. This may reflect GPAs at Rolla, which are typically lower than at other campuses. There was a 10% difference in retention between those meeting requirements (93%) and exceptions (83%). Beyond these broadly based observations, the number of core exceptions is too small to support a more detailed examination.

UM-St Louis

Table 1

Among full-time degree-seeking St Louis campus students, the 1998 exception rate was 25%, a significant 5% improvement from fall 1997. The largest reduction was in those with only core course deficiencies and most of those were in fine arts (5% to 1%) and science (5% to 2%). Very few UM-St Louis students failed to meet CBHE core requirements (6%) and most of those were in English (4%). Most UM core deficiencies were in mathematics (11%) but there were several in foreign language (5%) and English (4%).

Table 2 (Retention) and Table 3 (GPA Success Rate)

As was noted for the Kansas City campus, the retention rates of those meeting requirements tends to be lower in the urban, commuter environment. Seventy-three percent of those meeting requirements in 1997 returned the following fall and the difference in retention between those meeting requirements and exceptions was only 7%. In sum, retention among those meeting requirements at UM-St Louis was less. UM St Louis retention was 73% for those meeting requirements. It was 81% at Kansas City, 84% at Rolla, and 87% at Columbia. Success rate among those meeting requirements was also lower than at the other campuses: 83% at St Louis, 88% at Columbia, 90% at Kansas City, and 93% at Rolla. Among reasons that St Louis freshmen meeting requirements succeed at a lower rate are that admissions scores at the St Louis campus are lower, even among those regularly admitted, and factors associated with service in an urban environment.

* Chatman, S. P. (1997). *Steady-State Forecast Shows Increasing Undergraduate Enrollment at Missouri's Four-Year Public Institutions*. Planning & Budget, P&B 97/9, Columbia MO.

Caveats

Before going further, three limitations should be well understood.

1. First, this report imposes fall 1997 criteria on fall 1996 students. That is misleading because it is unreasonable to expect applicants to meet future admission standards. While misleading, imposition of 1997 standards on 1996 students can be useful because it supports the two analyses of this report: evaluation of annual change in freshman class characteristics and measurement of the importance of each admissions component to student success. However, 1996 exception figures are not a measure of the number of admissions decisions made outside standard UM policy.
2. Second, University policies apply to admitted students but campus performance is measured in this report according to the characteristics of enrolling students. Not all admitted students enroll and an admissions professional might be well within policy targets for admitted students but appear to miss the target when actual enrollments are tallied.
3. A third point to consider is that the decision to admit or deny admission to an applicant is made with partial information, usually months before the student's graduation from high school. It is not unusual for students to report a planned academic program that meets requirements and then fail to follow that plan. The University does not know of the change in behavior until it receives a final transcript and might not receive a final transcript until after the student has enrolled.

Admissions Policy

Effective fall of 1997, the criteria for regular, full-time admission of recent high school graduates require completion of 17 units of high school credit and a combination of percentile rank in graduating class and ACT (or SAT test score consistent) with the Coordinating Board for Higher Education's selective category. The 17 units required by the University of Missouri include 4 English, 1 fine arts, 2 foreign language, 4 mathematics, 3 science and 3 social studies. The University's policy is more rigorous than the Coordinating Board for Higher Education's standards in that the University requires two foreign language units, one additional unit of mathematics, and one additional unit of science. The University and the Coordinating Board share common requirements for test score and class rank. Both require an ACT or SAT equivalent of at least 24 or a combination of ACT percentile rank and percentile rank in graduating class of at least 120.

The policies of both the University and the Coordinating Board make provision for admitting students who do not meet standard criteria. Specifically, both allow an exception rate of 10%. The University's exception rate applies to both test score and rank or core course requirements. The Coordinating Board's exception policy applies only to test score and rank. The Coordinating Board expects all regularly admitted students to meet core requirements. Both policies apply to full-time, first-time, degree seeking students. It should also be noted that the required combined percentile total of 120 is a minimum requirement. The average student included in this report had a percentile sum of about 170.

TABLES

Table 1: Change from 1996 to 1998 in Number and Type of Admission Exceptions

	U of Missouri						CBHE					
	Fall 1996		Fall 1997		Fall 1998		Fall 1996		Fall 1997		Fall 1998	
University of Missouri - COLUMBIA												
Enrolled first-time, degree-seeking, full-time students	3,573		3,402		3,591		3,573		3,402		3,591	
Meeting Standard Criteria	1,865	52%	2,827	83%	3,044	85%	2,952	83%	3,099	91%	3,278	91%
Exceptions	1,708	48%	575	17%	547	15%	621	17%	303	9%	313	9%
Nature of deficiency(ies)												
(a) High school core course(s) only	1,241	35%	346	10%	308	9%	154	4%	74	2%	74	2%
(b) High school percentile rank and ACT only	194	5%	154	5%	172	5%	428	12%	205	6%	221	6%
(c) Both high school core course(s) and HS%/ACT%	273	8%	75	2%	67	2%	39	1%	24	1%	18	1%
(a+c) Total high school core exceptions	1,514	42%	421	12%	375	10%	193	5%	98	3%	92	3%
(b+c) Test score and high school percentile rank exceptions	467	13%	229	7%	239	7%	467	13%	229	7%	239	7%
Nature of high school core course(s) deficiency(ies)												
English	50	1%	35	1%	22	1%	50	1%	35	1%	22	1%
Fine Arts	62	2%	27	1%	43	1%	62	2%	27	1%	43	1%
Foreign Language	405	11%	115	3%	67	2%						
Math	1,122	31%	270	8%	253	7%	29	1%	20	1%	12	0%
Science	213	6%	48	1%	36	1%	3	0%	1	0%	0	
Social Studies	38	1%	18	1%	12	0%	38	1%	18	1%	12	0%
Electives: Based only on sum and may mislead							61	2%	23	1%	13	0%
University of Missouri - KANSAS CITY												
Enrolled first-time, degree-seeking, full-time students	504		506		555		504		506		555	
Meeting Standard Criteria	245	49%	353	70%	404	73%	357	71%	411	81%	463	83%
Exceptions	259	51%	153	30%	151	27%	147	29%	95	19%	92	17%
Nature of deficiency(ies)												
(a) High school core course(s) only	159	32%	86	17%	91	16%	47	9%	28	6%	32	6%
(b) High school percentile rank and ACT only	27	5%	34	7%	36	6%	75	15%	53	10%	49	9%
(c) Both high school core course(s) and HS%/ACT%	73	14%	33	7%	24	4%	25	5%	14	3%	11	2%
(a+c) Total high school core exceptions	232	46%	119	24%	115	21%	72	14%	42	8%	43	8%
(b+c) Test score and high school percentile rank exceptions	100	20%	67	13%	60	11%	100	20%	67	13%	60	11%
Nature of high school core course(s) deficiency(ies)												
English	17	3%	12	2%	9	2%	17	3%	12	2%	9	2%
Fine Arts	34	7%	20	4%	16	3%	34	7%	20	4%	16	3%
Foreign Language	63	13%	34	7%	26	5%						
Math	166	33%	71	14%	72	13%	13	3%	10	2%	13	2%
Science	42	8%	20	4%	17	3%	8	2%	4	1%	2	0%
Social Studies	26	5%	11	2%	6	1%	26	5%	11	2%	6	1%
Electives: Based only on sum and may mislead							27	5%	12	2%	13	2%

Table 1: Change from 1996 to 1998 in Number and Type of Admission Exceptions

	U of Missouri						CBHE					
	Fall 1996		Fall 1997		Fall 1998		Fall 1996		Fall 1997		Fall 1998	
University of Missouri - ROLLA												
Enrolled first-time, degree-seeking, full-time students	748		671		701		748		671		701	
Meeting Standard Criteria	291	39%	523	78%	595	85%	509	68%	566	84%	622	89%
Exceptions	457	61%	148	22%	106	15%	239	32%	105	16%	79	11%
Nature of deficiency(ies)												
(a) High school core course(s) only	390	52%	134	20%	97	14%	172	23%	91	14%	70	10%
(b) High school percentile rank and ACT only	25	3%	8	1%	6	1%	48	6%	10	1%	8	1%
(c) Both high school core course(s) and HS%/ACT%	42	6%	6	1%	3	0%	19	3%	4	1%	1	0%
(a+c) Total high school core exceptions	432	58%	140	21%	100	14%	191	26%	95	14%	71	10%
(b+c) Test score and high school percentile rank exceptions	67	9%	14	2%	9	1%	67	9%	14	2%	9	1%
Nature of high school core course(s) deficiency(ies)												
English	14	2%	11	2%	6	1%	14	2%	11	2%	6	1%
Fine Arts	44	6%	67	10%	57	8%	44	6%	67	10%	57	8%
Foreign Language	267	36%	45	7%	31	4%						
Math	79	11%	25	4%	11	2%	8	1%	8	1%	2	0%
Science	49	7%	13	2%	7	1%	4	1%	8	1%	1	0%
Social Studies	148	20%	31	5%	13	2%	148	20%	31	5%	13	2%
Electives: Based only on sum and may mislead							45	6%	9	1%	5	1%
University of Missouri - ST LOUIS												
Enrolled first-time, degree-seeking, full-time students	579		421		483		579		421		483	
Meeting Standard Criteria	220	38%	296	70%	362	75%	319	55%	323	77%	401	83%
Exceptions	371	64%	125	30%	121	25%	260	45%	98	23%	82	17%
Nature of deficiency(ies)												
(a) High school core course(s) only	152	26%	66	16%	60	12%	41	7%	39	9%	21	4%
(b) High school percentile rank and ACT only	54	9%	39	9%	38	8%	146	25%	55	13%	53	11%
(c) Both high school core course(s) and HS%/ACT%	165	28%	20	5%	23	5%	73	13%	4	1%	8	2%
(a+c) Total high school core exceptions	317	55%	86	20%	83	17%	114	20%	43	10%	29	6%
(b+c) Test score and high school percentile rank exceptions	219	38%	59	14%	61	13%	219	38%	59	14%	61	13%
Nature of high school core course(s) deficiency(ies)												
English	54	9%	15	4%	19	4%	54	9%	15	4%	19	4%
Fine Arts	24	4%	22	5%	7	1%	24	4%	22	5%	7	1%
Foreign Language	68	12%	14	3%	23	5%						
Math	252	44%	49	12%	53	11%	46	8%	7	2%	3	1%
Science	90	16%	19	5%	12	2%	6	1%	2	0%	1	0%
Social Studies	17	3%	10	2%	10	2%	17	3%	10	2%	10	2%
Electives: Based only on sum and may mislead							39	7%	5	1%	5	1%

Table 1: Change from 1996 to 1998 in Number and Type of Admission Exceptions

	U of Missouri						CBHE					
	Fall 1996		Fall 1997		Fall 1998		Fall 1996		Fall 1997		Fall 1998	
University of Missouri - SYSTEM												
Enrolled first-time, degree-seeking, full-time students	5,404		5,000		5,330		5,404		5,000		5,330	
Meeting Standard Criteria	2,609	48%	3,999	80%	4,405	83%	4,137	77%	4,399	88%	4,764	89%
Exceptions	2,795	52%	1,001	20%	925	17%	1,267	23%	601	12%	566	11%
Nature of deficiency(ies)												
(a) High school core course(s) only	1,942	36%	632	13%	556	10%	414	8%	232	5%	197	4%
(b) High school percentile rank and ACT only	300	6%	235	5%	252	5%	697	13%	323	6%	331	6%
(c) Both high school core course(s) and HS%/ACT%	553	10%	134	3%	117	2%	156	3%	46	1%	38	1%
(a+c) Total high school core exceptions	2,495	46%	766	15%	673	13%	570	11%	278	6%	235	4%
(b+c) Test score and high school percentile rank exceptions	853	16%	369	7%	369	7%	853	16%	369	7%	369	7%
Nature of high school core course(s) deficiency(ies)												
English	135	2%	73	1%	56	1%	135	2%	73	1%	56	1%
Fine Arts	164	3%	136	3%	123	2%	164	3%	136	3%	123	2%
Foreign Language	803	15%	208	4%	147	3%						
Math	1,619	30%	415	8%	389	7%	96	2%	45	1%	30	1%
Science	394	7%	100	2%	72	1%	21	0%	15	0%	4	0%
Social Studies	229	4%	70	1%	41	1%	229	4%	70	1%	41	1%
Electives: Based only on sum and may mislead							172	3%	49	1%	36	1%

	U Missouri	CBHE
	1997	1997
High School Core Course Requirements		
English	4	4
Fine Arts	1	1
Foreign Language	2	
Math	4	3
Science	3	2
Social Studies	3	3
Electives		3

Restrictions include:
 Restricted to first-time freshmen (EMSAS STUSTAT = '1'),
 who are degree-seeking (EMSAS DSSTATUS='1'),
 who are attending full-time (FTEE GE 0.80),
 who are recent high school graduates (EMSAS HSGRDYR = '1997'),
 who are not nonresident aliens (EMSAS RACE = '60'),
 or GED students (EMSAS HSCODE = '960000'),
 or home schooled (EMSAS HSCODE = '969999').
 Does include students from other states and those without a test score or class rank.

Table 2: Retention of Fall 1997 Freshmen

	U of Missouri Policy			CBHE Policy		
	Cohort	Returned for 2nd Year		Cohort	Returned for 2nd Year	
University of Missouri - COLUMBIA						
Enrolled first-time, degree-seeking, full-time students	3,402	2,883	85%	3,402	2,883	85%
Meeting Standard Criteria	2,827	2,451	87%	3,099	2,655	86%
Exceptions	575	432	75%	303	228	75%
Nature of deficiency(ies)						
(a) High school core course(s) only	346	264	76%	74	60	81%
(b) High school percentile rank and ACT only	154	119	77%	205	151	74%
(c) Both high school core course(s) and HS%/ACT%	75	49	65%	24	17	71%
(a+c) Total high school core exceptions	421	313	74%	98	77	79%
(b+c) Test score and high school percentile rank exceptions	229	168	73%	229	168	73%
Nature of high school core course(s) deficiency(ies)						
English	35	26	74%	35	26	74%
Fine Arts	27	23	85%	27	23	85%
Foreign Language	115	89	77%			
Math	270	188	70%	20	10	50%
Science	48	37	77%	1	0	n<10
Social Studies	18	17	94%	18	17	94%
Electives: Based only on sum and may mislead				23	19	83%
University of Missouri - KANSAS CITY						
Enrolled first-time, degree-seeking, full-time students	506	385	76%	506	385	76%
Meeting Standard Criteria	353	287	81%	411	325	79%
Exceptions	153	98	64%	95	60	63%
Nature of deficiency(ies)						
(a) High school core course(s) only	86	55	64%	28	17	61%
(b) High school percentile rank and ACT only	34	20	59%	53	35	66%
(c) Both high school core course(s) and HS%/ACT%	33	23	70%	14	8	57%
(a+c) Total high school core exceptions	119	78	66%	42	25	60%
(b+c) Test score and high school percentile rank exceptions	67	43	64%	67	43	64%
Nature of high school core course(s) deficiency(ies)						
English	12	8	67%	12	8	67%
Fine Arts	20	12	60%	20	12	60%
Foreign Language	34	20	59%			
Math	71	45	63%	10	6	60%
Science	20	11	55%	4	2	n<10
Social Studies	11	5	45%	11	5	45%
Electives: Based only on sum and may mislead				12	5	42%
University of Missouri - ROLLA						
Enrolled first-time, degree-seeking, full-time students	671	556	83%	671	556	83%
Meeting Standard Criteria	523	440	84%	566	476	84%
Exceptions	148	116	78%	105	80	76%
Nature of deficiency(ies)						
(a) High school core course(s) only	134	106	79%	91	70	77%
(b) High school percentile rank and ACT only	8	6	n<10	10	7	70%
(c) Both high school core course(s) and HS%/ACT%	6	4	n<10	4	3	n<10
(a+c) Total high school core exceptions	140	110	79%	95	73	77%
(b+c) Test score and high school percentile rank exceptions	14	10	71%	14	10	71%
Nature of high school core course(s) deficiency(ies)						
English	11	6	55%	11	6	55%
Fine Arts	67	53	79%	67	53	79%
Foreign Language	45	34	76%			
Math	25	17	68%	8	5	n<10
Science	13	8	62%	8	4	n<10
Social Studies	31	22	71%	31	22	71%
Electives: Based only on sum and may mislead				9	6	n<10

Table 2: Retention of Fall 1997 Freshmen

	U of Missouri Policy			CBHE Policy		
	Cohort	Returned for 2nd Year		Cohort	Returned for 2nd Year	
University of Missouri - ST LOUIS						
Enrolled first-time, degree-seeking, full-time students	420	297	71%	420	297	71%
Meeting Standard Criteria	295	214	73%	322	229	71%
Exceptions	125	83	66%	98	68	69%
Nature of deficiency(ies)						
(a) High school core course(s) only	66	41	62%	39	26	67%
(b) High school percentile rank and ACT only	39	29	74%	55	40	73%
(c) Both high school core course(s) and HS%/ACT%	20	13	65%	4	2	n<10
(a+c) Total high school core exceptions	86	54	63%	43	28	65%
(b+c) Test score and high school percentile rank exceptions	59	42	71%	59	42	71%
Nature of high school core course(s) deficiency(ies)						
English	15	10	67%	15	10	67%
Fine Arts	22	13	59%	22	13	59%
Foreign Language	14	9	64%			
Math	49	27	55%	7	4	n<10
Science	19	10	53%	2	0	n<10
Social Studies	10	8	80%	10	8	80%
Electives: Based only on sum and may mislead				5	3	n<10
University of Missouri - SYSTEM						
Enrolled first-time, degree-seeking, full-time students	4,999	4,121	82%	4,999	4,121	82%
Meeting Standard Criteria	3,998	3,392	85%	4,398	3,685	84%
Exceptions	1,001	729	73%	601	436	73%
Nature of deficiency(ies)						
(a) High school core course(s) only	632	466	74%	232	173	75%
(b) High school percentile rank and ACT only	235	174	74%	323	233	72%
(c) Both high school core course(s) and HS%/ACT%	134	89	66%	46	30	65%
(a+c) Total high school core exceptions	766	555	72%	278	203	73%
(b+c) Test score and high school percentile rank exceptions	369	263	71%	369	263	71%
Nature of high school core course(s) deficiency(ies)						
English	73	50	68%	73	50	68%
Fine Arts	136	101	74%	136	101	74%
Foreign Language	208	152	73%			
Math	415	277	67%	45	25	56%
Science	100	66	66%	15	6	40%
Social Studies	70	52	74%	70	52	74%
Electives: Based only on sum and may mislead				49	33	67%

High School Core Course Requirements	UM
English	4
Fine Arts	1
Foreign Language	2
Math	4
Science	3
Social Studies	3
Electives	
Sum	17

Restrictions include:

Restricted to first-time freshmen (EMSAS STUSTAT = '1'),
 who are degree-seeking (EMSAS DSSTATUS='1'),
 who are attending full-time (FTEE GE 0.80),
 who are recent high school graduates (I.e., EMSAS HSGRDYR = '1997'),
 who are not nonresident aliens (EMSAS RACE = '60'),
 or GED students (EMSAS HSCODE = '960000'),
 or home schooled (EMSAS HSCODE = '969999').

Does include students from other states and those without a test score or class rank.

Table 3: Annual Report on Fall 1998 Exceptions to Current University of Missouri and CBHE Policies

	U of Missouri			CBHE		
	Fall 1998		Successful	Fall 1998		Successful
University of Missouri - COLUMBIA						
Enrolled first-time, degree-seeking, full-time students	3,591		3,056 85%	3,591		3,056 85%
Meeting Standard Criteria	3,044	85%	2,686 88%	3,278	91%	2,849 87%
Exceptions	547	15%	370 68%	313	9%	207 66%
Nature of deficiency(ies)						
(a) High school core course(s) only	308	9%	220 71%	74	2%	57 77%
(b) High school percentile rank and ACT only	172	5%	112 65%	221	6%	141 64%
(c) Both high school core course(s) and HS%/ACT%	67	2%	38 57%	18	1%	9 50%
(a+c) Total high school core exceptions	375	10%	258 69%	92	3%	66 72%
(b+c) Test score and high school percentile rank exceptions	239	7%	150 63%	239	7%	150 63%
Nature of high school core course(s) deficiency(ies)						
English	22	1%	17 77%	22	1%	17 77%
Fine Arts	43	1%	35 81%	43	1%	35 81%
Foreign Language	67	2%	55 82%			
Math	253	7%	160 63%	12	0%	5 42%
Science	36	1%	22 61%	0		0 n<10
Social Studies	12	0%	8 67%	12	0%	8 67%
Electives: Based only on sum and may mislead				13	0%	7 54%
University of Missouri - KANSAS CITY						
Enrolled first-time, degree-seeking, full-time students	555		485 87%	555		485 87%
Meeting Standard Criteria	404	73%	363 90%	463	83%	413 89%
Exceptions	151	27%	122 81%	92	17%	72 78%
Nature of deficiency(ies)						
(a) High school core course(s) only	91	16%	77 85%	32	6%	27 84%
(b) High school percentile rank and ACT only	36	6%	27 75%	49	9%	37 76%
(c) Both high school core course(s) and HS%/ACT%	24	4%	18 75%	11	2%	8 73%
(a+c) Total high school core exceptions	115	21%	95 83%	43	8%	35 81%
(b+c) Test score and high school percentile rank exceptions	60	11%	45 75%	60	11%	45 75%
Nature of high school core course(s) deficiency(ies)						
English	9	2%	5 n<10	9	2%	5 n<10
Fine Arts	16	3%	16 100%	16	3%	16 100%
Foreign Language	26	5%	22 85%			
Math	72	13%	56 78%	13	2%	8 62%
Science	17	3%	15 88%	2	0%	2 n<10
Social Studies	6	1%	6 n<10	6	1%	6 n<10
Electives: Based only on sum and may mislead				13	2%	11 85%
University of Missouri - ROLLA						
Enrolled first-time, degree-seeking, full-time students	701		641 91%	701		641 91%
Meeting Standard Criteria	595	85%	553 93%	622	89%	572 92%
Exceptions	106	15%	88 83%	79	11%	69 87%
Nature of deficiency(ies)						
(a) High school core course(s) only	97	14%	80 82%	70	10%	61 87%
(b) High school percentile rank and ACT only	6	1%	6 n<10	8	1%	8 n<10
(c) Both high school core course(s) and HS%/ACT%	3	0%	2 n<10	1	0%	0 n<10
(a+c) Total high school core exceptions	100	14%	82 82%	71	10%	61 86%
(b+c) Test score and high school percentile rank exceptions	9	1%	8 n<10	9	1%	8 n<10
Nature of high school core course(s) deficiency(ies)						
English	6	1%	6 n<10	6	1%	6 n<10
Fine Arts	57	8%	49 86%	57	8%	49 86%
Foreign Language	31	4%	23 74%			
Math	11	2%	7 64%	2	0%	1 n<10
Science	7	1%	4 n<10	1	0%	0 n<10
Social Studies	13	2%	10 77%	13	2%	10 77%
Electives: Based only on sum and may mislead				5	1%	3 n<10

Table 3: Annual Report on Fall 1998 Exceptions to Current University of Missouri and CBHE Policies

	U of Missouri				CBHE			
	Fall 1998		Successful		Fall 1998		Successful	
University of Missouri - ST LOUIS								
Enrolled first-time, degree-seeking, full-time students	483		380	79%	483		380	79%
Meeting Standard Criteria	362	<i>75%</i>	299	<i>83%</i>	401	<i>83%</i>	330	<i>82%</i>
Exceptions	121	<i>25%</i>	81	<i>67%</i>	82	<i>17%</i>	50	<i>61%</i>
Nature of deficiency(ies)								
(a) High school core course(s) only	60	<i>12%</i>	40	<i>67%</i>	21	<i>4%</i>	9	<i>43%</i>
(b) High school percentile rank and ACT only	38	<i>8%</i>	25	<i>66%</i>	53	<i>11%</i>	36	<i>68%</i>
(c) Both high school core course(s) and HS%/ACT%	23	<i>5%</i>	16	<i>70%</i>	8	<i>2%</i>	5	<i>n<10</i>
(a+c) Total high school core exceptions	83	<i>17%</i>	56	<i>67%</i>	29	<i>6%</i>	14	<i>48%</i>
(b+c) Test score and high school percentile rank exceptions	61	<i>13%</i>	41	<i>67%</i>	61	<i>13%</i>	41	<i>67%</i>
Nature of high school core course(s) deficiency(ies)								
English	19	<i>4%</i>	9	<i>47%</i>	19	<i>4%</i>	9	<i>47%</i>
Fine Arts	7	<i>1%</i>	4	<i>n<10</i>	7	<i>1%</i>	4	<i>n<10</i>
Foreign Language	23	<i>5%</i>	12	<i>52%</i>				
Math	53	<i>11%</i>	39	<i>74%</i>	3	<i>1%</i>	1	<i>n<10</i>
Science	12	<i>2%</i>	5	<i>42%</i>	1	<i>0%</i>	0	<i>n<10</i>
Social Studies	10	<i>2%</i>	3	<i>30%</i>	10	<i>2%</i>	3	<i>30%</i>
Electives: Based only on sum and may mislead					5	<i>1%</i>	2	<i>n<10</i>
University of Missouri - SYSTEM								
Enrolled first-time, degree-seeking, full-time students	5,330		4,562	86%	5,330		4,562	86%
Meeting Standard Criteria	4,405	<i>83%</i>	3,901	<i>89%</i>	4,764	<i>89%</i>	4,164	<i>87%</i>
Exceptions	925	<i>17%</i>	661	<i>71%</i>	566	<i>11%</i>	398	<i>70%</i>
Nature of deficiency(ies)								
(a) High school core course(s) only	556	<i>10%</i>	417	<i>75%</i>	197	<i>4%</i>	154	<i>78%</i>
(b) High school percentile rank and ACT only	252	<i>5%</i>	170	<i>67%</i>	331	<i>6%</i>	222	<i>67%</i>
(c) Both high school core course(s) and HS%/ACT%	117	<i>2%</i>	74	<i>63%</i>	38	<i>1%</i>	22	<i>58%</i>
(a+c) Total high school core exceptions	673	<i>13%</i>	491	<i>73%</i>	235	<i>4%</i>	176	<i>75%</i>
(b+c) Test score and high school percentile rank exceptions	369	<i>7%</i>	244	<i>66%</i>	369	<i>7%</i>	244	<i>66%</i>
Nature of high school core course(s) deficiency(ies)								
English	56	<i>1%</i>	37	<i>66%</i>	56	<i>1%</i>	37	<i>66%</i>
Fine Arts	123	<i>2%</i>	104	<i>85%</i>	123	<i>2%</i>	104	<i>85%</i>
Foreign Language	147	<i>3%</i>	112	<i>76%</i>				
Math	389	<i>7%</i>	262	<i>67%</i>	30	<i>1%</i>	15	<i>50%</i>
Science	72	<i>1%</i>	46	<i>64%</i>	4	<i>0%</i>	2	<i>n<10</i>
Social Studies	41	<i>1%</i>	27	<i>66%</i>	41	<i>1%</i>	27	<i>66%</i>
Electives: Based only on sum and may mislead					36	<i>1%</i>	23	<i>64%</i>

Figures in italics are occurrence rates, not success rates.

	U Missouri		CBHE	
	1997		1996	
High School Core Course Requirements				
English		4		4
Fine Arts		1		1
Foreign Language		2		
Math		4		3
Science		3		2
Social Studies		3		3
Electives				3

Restrictions include:

Restricted to first-time freshmen (EMSAS STUSTAT = '1'),	who are not nonresident aliens (EMSAS RACE = '60'),
who are degree-seeking (EMSAS DSSTATUS='1'),	or GED students (EMSAS HSCODE = '960000'),
who are attending full-time (FTEE GE 0.80),	or home schooled (EMSAS HSCODE = '969999').
who are recent high school graduates (EMSAS HSGRDYR = '1998+B30'),	

Does include students from other states and those without a test score or class rank.