

University of Missouri System  
Undergraduate Financial Aid Summary Report  
FY2011-FY2015

(Non-Resident Undergraduate Students)

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Executive Summary

The Undergraduate Financial Aid Summary Report includes undergraduate financial aid distribution patterns for the University of Missouri System and the four campuses from fiscal year 2010-11 (FY11) through fiscal year 2014-15 (FY15). In the first part of this report nine questions are addressed at the UM System level:

1. How many students received aid and what type of aid was received?
2. Has grant aid kept pace with increases in tuition and required fees?
3. How has the distribution of institutional gift aid changed over the past five years?
4. How has the distribution of PLUS loans changed over the past five years?
5. What percent of tuition and required fees is met by grant aid?
6. How has the number of aid recipients with need changed by income level?
7. How do financial aid packages vary by income level?
8. For students that have need, what is the average amount of unmet financial need?
9. Can families afford to pay the expected family contribution?

Systemwide trends highlighted include:

Total aid to nonresident students with need is awarded from a combination of aid based on merit and aid based on need. Over the past five years, there has been a 31.7% increase in the number of nonresident financial aid recipients that have financial need. There is no question that there are many more students with need due to the 41% increase in the enrollment of nonresident, fulltime, degree seeking students over the past five years (Figure 1.1). However, an equally significant reason for the increase in students with need is the fact that tuition and required fees have increased 19.3% and the overall cost to attend the University has increased 12.2% during the same time period (Figure 1.2). In other words, many students that otherwise would not have had a financial need became needy.

There is an increasing gap between tuition and required fees and the average grant aid awarded to nonresident undergraduates over the past five years (Figure 1.2).

The number of institutional grants awarded on need increased from 523 in FY11 to 803 in FY15 (Table 1.1).

Missouri nonresident undergraduate students in the lower income categories have the highest grant aid as a percentage of tuition and required fees (Table 1.2).

The volume of Parent Loans for Undergraduate Students (PLUS) loans increased from FY11 to FY15 for both nonresident students with and without financial

need. In FY11, 1,015 ~~pa~~nts borrowed an average \$17,000

## The contextual basis of financial aid distribution

Roughly 27% of nonresident undergraduates attending the University of Missouri pay the entire cost of attendance out of pocket. The majority of nonresident students receive some type of financial assistance to attend the University in the form of grants, scholarships, work study or loans. In addition, financial assistance comes from a variety of sources including the state and federal governments, profit and non-profit organizations, and the University (institutional gift aid). In addition, a significant amount of financial aid that is distributed is based on

Foremost, a BUDGETED COST OF ATTENDANCE (COA) is determined for every student that completes a FAFSA. The COA varies by student and is based on factors such as residency status, load status (full or ~~part~~), and living arrangements (on or off-campus). Next the amount that the family is expected to contribute to cover the COA is determined based on several factors, including the family's adjusted ~~gross~~ income. A student's financial need is determined by subtracting the EXPECTED FAMILY CONTRIBUTION from the budgeted COA. If the calculated value of FINANCIAL NEED is positive, the student is eligible to receive ~~need~~ based assistance such as Pell grants, ~~college~~ college work study and need based loans. A student's REMAINING NEED is determined after subtracting GRANT AID (aid that does not have to be repaid) from the FINANCIAL NEED. After subtracting the remaining sources of financial aid (i.e. work

## Section I

### Systemwide Financial Aid Trends of Full-Time, Degree-Seeking Non-Resident Undergraduates from FY11 to FY15

PLEASE NOTE: The findings below highlight systemwide trends at the University of Missouri.

#### 1. How many non-resident students received aid and what type of aid was received?

The total number of full-time, degree-seeking non-resident undergraduates steadily increased over the past five years from 6,537 to 9,215, an increase of over 41%. With this increase in enrollment, there has been a 31.7% increase in the number with financial need from 2,404 in FY11 to 3,166 in FY15 (Figure 1.1).

#### 2. Has grant aid kept pace with increases in tuition and required fees?

Over the past five years tuition and required fees increased 31% and the budgeted cost of attendance increased 12.2% while average grant aid increased 9%. The overall trend is that there is an increasing gap between tuition and required fees and the average grant aid awarded to non-resident undergraduates (Figure 1.2).

#### 3. How has the distribution of institutional gift aid changed over the past five years?

The number of non-resident undergraduates with need that received institutional gift aid significantly increased and the average amount of the institutional awards increased nearly \$700 since FY11. In FY11 there were 2,386 institutional grants awarded to students with need. The average award was \$8,290. In FY15 there were 3,389 institutional grants awarded to students with need and the average amount awarded was \$8,982 (Table 1.1).

#### 4. How has the distribution of PLUS loans changed over the past five years?

The volume of Parent Loans for Undergraduate Students (PLUS) loans increased from FY11 to FY15 for both students with and without financial need. In FY11, 1,015 parents borrowed on average \$1,000 to meet their child's education expenses. Five years later, nearly 1,100 parents borrowed approximately \$19,900 to cover these expenses (Table 1.4).

#### 5. What percent of tuition and required fees is met by grant aid?

Lower income non-residents have the most financial need and on average receive much more grant aid than higher income students. In FY11, grant aid covered nearly 75% of tuition and required fees for students with income less than \$20,000 and 71% for students with income between \$20,000 and \$40,000. By FY15, grant aid covered 67% of tuition

and required fees for students with income less than \$20,000 and 65% for students with income between \$20,000 and \$40,000. For students at all income levels, grant aid continues to cover a smaller percentage of the tuition and required fees (Table 1.2).

6. How has the number of nonresident aid recipients with need changed by income level?

|  | FY11         | FY12         | FY13         | FY14         | FY15         | 5-yr<br># Change | 5-yr<br>% Change |
|--|--------------|--------------|--------------|--------------|--------------|------------------|------------------|
| Completed FAFSA, did not have a need           | 921          | 1,040        | 1,215        | 1,312        | 1,695        | 774              | 84.0%            |
| Grant aid, no FAFSA                            | <u>1,560</u> | <u>1,580</u> | <u>1,705</u> | <u>1,804</u> | <u>1,871</u> | 311              | 19.9%            |
| Aid recipients with no need                    | 2,481        | 2,620        | 2,920        | 3,116        | 3,566        | 1,085            | 43.7%            |
| Aid recipients with need*                      | 2,404        | 2,706        | 2,994        | 3,189        | 3,166        | 762              | 31.7%            |
| Full pay / No aid                              | 1,652        | 1,786        | 2,017        | 2,177        | 2,483        | 831              | 50.3%            |
| Total of all full-time, Degree-Seeking Non-Res | <u>6,537</u> | 7,112        | 7,931        | 8,482        | 9,215        | 2,678            | 41.0%            |

e0%





Table 1.1

| Students with Need |             |               |             |               |             |               |             |               |             |               |
|--------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| Type of Award      | # of Awards | Average Award | # of Awards | Average Award | # of Awards | Average Award | # of Awards | Average Award | # of Awards | Average Award |
| Need*              | 523         | \$3,103       | 650         | \$3,250       | 609         | \$3,765       | 728         | \$3,694       | 803         | \$3,600       |
| Merit              | 1,364       | \$9,370       | 1,584       | \$9,614       | 1,830       | \$10,186      | 1,831       | \$11,052      | 1,801       | \$11,610      |
| Other**            | 499         | \$10,778      | 522         | \$11,212      | 506         | \$12,489      | 550         | \$12,225      | 785         | \$8,458       |
| Total              | 2,386       | \$8,290       | 2,756       | \$8,416       | 2,945       | \$9,254       | 3,109       | \$9,536       | 3,389       | \$8,982       |

| Students without Need |             |               |             |               |             |               |             |               |             |               |
|-----------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| Type of Award         | # of Awards | Average Award | # of Awards | Average Award | # of Awards | Average Award | # of Awards | Average Award | # of Awards | Average Award |
| Merit                 | 1,402       | \$6,745       | 1,548       | \$6,469       | 1,765       | \$6,582       | 1,737       | \$6,845       | 1,962       | \$7,816       |
| Other**               | 891         | \$11,066      | 877         | \$11,296      | 892         | \$12,982      | 942         | \$12,378      | 1,026       | \$12,270      |
| Total                 | 2,293       | \$8,424       | 2,425       | \$8,215       | 2,657       | \$8,730       | 2,679       | \$8,791       | 2,988       | \$9,346       |

Table 1.4

|              | N     | Mean     | N     | Mean     | N     | Mean     | N     | Mean     | N     | Mean     |
|--------------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| With Need*   | 738   | \$16,235 | 820   | \$16,875 | 801   | \$17,926 | 746   | \$18,526 | 758   | \$19,128 |
| Without Need | 277   | 19,557   | 298   | 20,132   | 324   | 21,366   | 274   | 20,136   | 336   | 21,535   |
| Total        | 1,015 | \$17,141 | 1,118 | \$17,743 | 1,125 | \$18,917 | 1,020 | \$18,958 | 1,094 | \$19,867 |





Source: UIDS, PeopleSoft  
IR&P/LCB 10/15

Table 1.5

|                                    | FY11       | FY12       | FY13       | FY14       | FY15       | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|------------------------------------|------------|------------|------------|------------|------------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)    | 329        | 384        | 459        | 489        | 519        |      |      |      |      |      | 190                   | 58%                   |
| Cost of Attendance                 | \$33,165   | \$34,931   | \$34,946   | \$35,390   | \$35,860   |      |      |      |      |      | \$2,695               | 8%                    |
| Less Expected Family Contribution* | <u>734</u> | <u>449</u> | <u>375</u> | <u>365</u> | <u>413</u> |      |      |      |      |      |                       |                       |

Table 1.5 (Continued)

|                                    | FY11     | FY12     | FY13        | FY14      | FY15      | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|------------------------------------|----------|----------|-------------|-----------|-----------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)    | 327      | 350      | 344         | 397       | 364       |      |      |      |      |      | 37                    | 11%                   |
| Cost of Attendance                 | \$32,531 | \$33,788 | \$34,860    | \$35,432  | \$37,022  |      |      |      |      |      | \$4,491               | 14%                   |
| Less Expected Family Contribution* | 10,318   | 10,848   | 10,775      | 9,883     | 10,361    | 32%  | 32%  | 31%  | 28%  | 28%  | 43                    | 0%                    |
| FinLes                             | 11,860   | 244,860  | 662,(32%)Tj | 0,665,010 | 0,665,010 | 0    | 0    | 0    | 0    | 0    | 0.018                 |                       |



## Section II

### Campus-Level Financial Aid Trends of Full-Time, Degree Seeking Non-Resident Undergraduates from FY11 to FY15

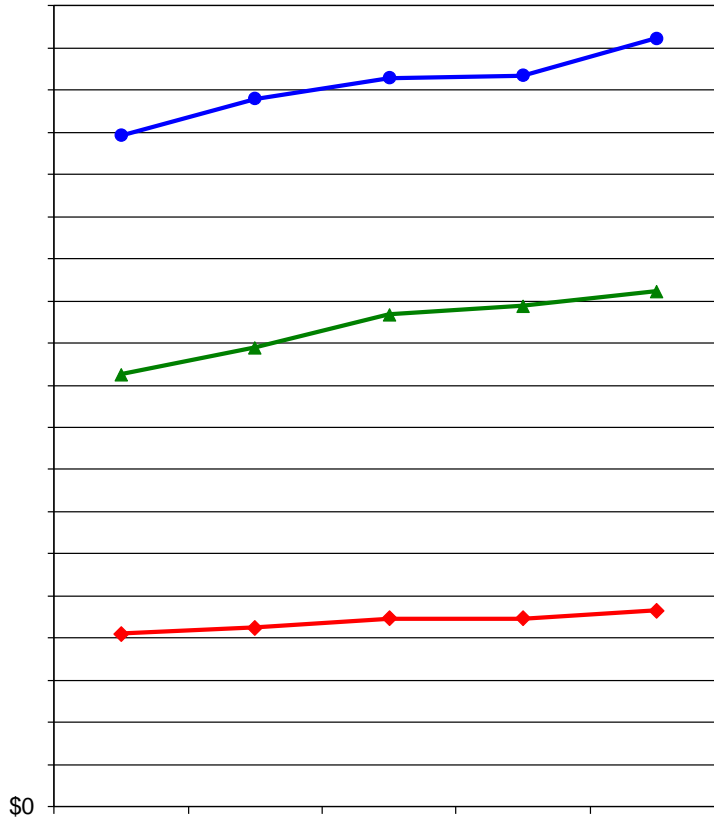
UM-Columbia (Table and Figure 2 series)

UM-Kansas City (Table and Figure 3 series)

Missouri S&T (Table and Figure 4 series)

UM-St. Louis (Table and Figure 5 series)

|                                      | FY11       | FY12       | FY13         | FY14         | FY15         | 5-yr<br># Change | 5-yr<br>% Change |
|--------------------------------------|------------|------------|--------------|--------------|--------------|------------------|------------------|
| Completed FAFSA, did not have a need | 792        | 916        | 1,072        | 1,152        | 1,457        | 665              | 84.0%            |
| Grant aid, no FAFSA                  | <u>939</u> | <u>954</u> | <u>1,042</u> | <u>1,106</u> | <u>1,179</u> |                  |                  |



|                             | FY11     | FY12     | FY13     | FY14     | FY15     | 5-yr<br># Change | 5-yr<br>% Change |
|-----------------------------|----------|----------|----------|----------|----------|------------------|------------------|
| Budgeted Cost of Attendance | \$31,868 | \$33,583 | \$34,572 | \$34,712 | \$36,455 | \$4,587          | 14.4%            |
| Tuition & Required Fees     | \$20,516 | \$21,784 | \$23,366 | \$23,764 | \$24,460 | \$3,944          | 19.2%            |
| Average Grant Aid           | \$8,205  | \$8,487  | \$8,930  | \$8,940  | \$9,311  | \$1,106          | 13.5%            |

Source: Institutional Characteristics & PeopleSoft  
IR&P/LCB 10/15

Table 2.2

| Income Level | Grant Aid | % Tuition &<br>Required Fees | % Total Cost<br>of<br>Attendance |
|--------------|-----------|------------------------------|----------------------------------|
|--------------|-----------|------------------------------|----------------------------------|

Table 2.3  
Total Financial Aid as % of Cost of Attendance by Income Level at the University of Missouri-  
Columbia, FY11 & FY15


| Income Level          | FY11                         |          |            |       |             | FY15                         |          |            |       |             |
|-----------------------|------------------------------|----------|------------|-------|-------------|------------------------------|----------|------------|-------|-------------|
|                       | % COA Met by Source of Aid   |          |            |       | % Unmet COA | % COA Met by Source of Aid   |          |            |       | % Unmet COA |
|                       | Expected Family Contribution | Gift Aid | Work Study | Loans |             | Expected Family Contribution | Gift Aid | Work Study | Loans |             |
| <\$20,000             | 2%                           | 50%      | 1%         | 26%   | 21%         | 1%                           | 47%      | 1%         | 23%   | 28%         |
| \$20,000 to \$40,00   | 6%                           | 45%      | 1%         | 28%   | 19%         | 4%                           | 45%      | 1%         | 24%   | 26%         |
| \$40,000 to \$60,000  | 18%                          | 34%      | 1%         | 26%   | 22%         | 14%                          | 33%      | 1%         | 20%   | 32%         |
| \$60,000 to \$80,000  | 33%                          | 26%      | 1%         | 23%   | 17%         | 28%                          | 26%      | 0%         | 20%   | 26%         |
| \$80,000 to \$100,000 | 51%                          | 21%      | 0%         | 18%   | 10%         | 44%                          | 22%      | 0%         | 17%   | 17%         |
| >\$100,000            | 71%                          | 18%      | 0%         | 12%   | -1%         | 73%                          | 21%      | 0%         | 10%   | -3%         |

Source: PeopleSoft  
IR&P/LCB 10/15

Table 2.4  
Average PLUS Loan Awarded to PLUS Loan Recipients, Non-Resident, Full-time,  
Degree-Seeking Undergraduates by Financial Need at the  
University of Missouri-Columbia, FY11 - FY15

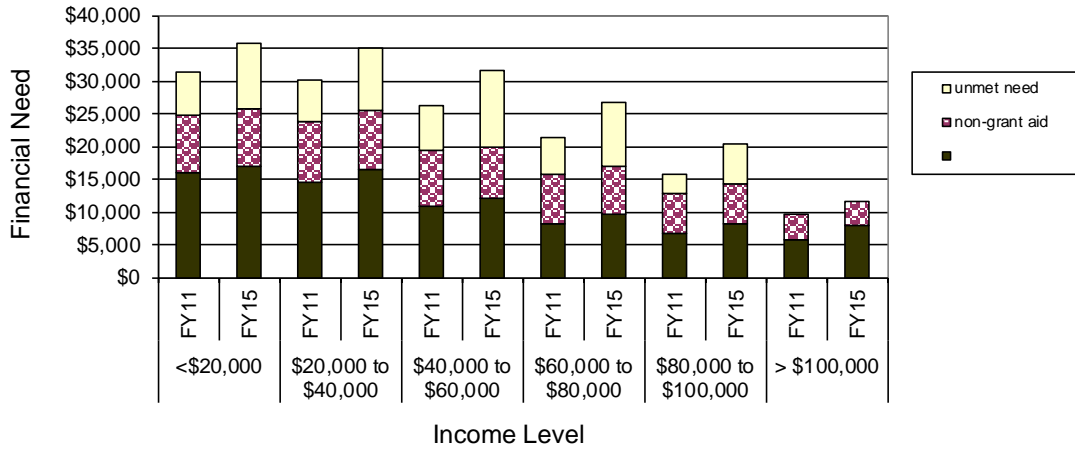
|              | FY11 |          | FY12 |          | FY13 |          | FY14 |          | FY15 |          |
|--------------|------|----------|------|----------|------|----------|------|----------|------|----------|
|              | N    | Mean     | N    | Mean     | N    | Mean     | N    | Mean     | N    | Mean     |
| With Need    | 587  | \$16,552 | 653  | \$17,308 | 629  | \$18,435 | 581  | \$18,715 | 610  | \$19,397 |
| Without Need | 258  | 19,827   | 272  | 20,369   | 295  | 21,712   | 252  | 20,171   | 293  | 21,732   |
| Total        | 845  | \$17,552 | 925  | \$18,208 | 924  | \$19,481 | 833  | \$19,155 | 903  | \$20,155 |

Source: PeopleSoft  
IR&P/LCB 10/15



Source: PeopleSoft  
IR&P/LCB 10/15

Figure 2.4  
 Distribution of Grant Aid, Non -Grant Aid, and Unmet Need by Income Level at the UM -Columbia, FY11 vs. FY15



Source: UIDS, PeopleSoft  
 IR&P/LCB 10/15

Table 2.5

|   | FY11       | FY12       | FY13       | FY14       | FY15       | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|---|------------|------------|------------|------------|------------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)                             | 197        | 246        | 320        | 354        | 380        |      |      |      |      |      | 183                   | 93%                   |
| Cost of Attendance  | \$31,938   | \$34,043   | \$34,798   | \$35,243   | \$36,238   |      |      |      |      |      | \$4,300               | 13%                   |
| Less Expected Family Contribution*                          | <u>680</u> | <u>439</u> | <u>362</u> | <u>412</u> | <u>473</u> | 2%   | 1%   | 1%   | 1%   | 1%   | -206                  | -30%                  |
| Financial Need  | 31,258     | 33,605     | 34,435     | 34,831     | 35,764     | 98%  | 99%  | 99%  | 99%  | 99%  | 4,506                 | 14%                   |
| Less Grant Aid  | 15,881     | 15,918     | 17,079     | 16,977     | 17,042     | 50%  | 47%  | 49%  | 48%  | 47%  | 1,162                 | 7%                    |
| Unmet Need  | \$15,378   | \$17,687   | \$17,357   | \$17,854   | \$18,722   | 48%  | 52%  | 50%  | 51%  | 52%  | 3,344                 | 22%                   |
| % Grant Aid that Met Financial Need                         | 51%        | 47%        | 50%        | 49%        | 48%        |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet<br>Remaining Unmet Financial Need |            |            |            |            |            |      |      |      |      |      |                       |                       |
| College Work Study  | \$434      | \$414      | \$366      | \$428      | \$353      | 1%   | 1%   | 1%   | 1%   | 1%   | -81                   | -19%                  |
| Need-based Loans  | 3,690      | 3,878      | 4,046      | 3,980      | 3,878      | 12%  | 11%  | 12%  | 11%  | 11%  | 188                   | 5%                    |
| Non-Need Based Loans  | 4,684      | 4,793      | 4,256      | 4,205      | 4,485      | 15%  | 14%  | 12%  | 12%  | 12%  | -200                  | -4%                   |
| Remaining Unmet Need  | \$6,570    | \$8,602    | \$8,689    | \$9,241    | \$10,006   | 21%  | 25%  | 25%  | 26%  | 28%  | 3,436                 | 52%                   |
| *Amount Borrowed to meet EFC                                | \$379      | \$216      | \$144      | \$143      | \$220.50   | 1%   | 1%   | 0%   | 0%   | 1%   | -158                  | -42%                  |

|                                    | FY11         | FY12         | FY13         | FY14         | FY15         | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|------------------------------------|--------------|--------------|--------------|--------------|--------------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)    | 254          | 269          | 313          | 315          | 341          |      |      |      |      |      | 87                    | 34%                   |
| Cost of Attendance                 | \$32,053     | \$33,614     | \$34,799     | \$35,041     | \$36,754     |      |      |      |      |      | \$4,701               | 15%                   |
| Less Expected Family Contribution* | <u>2,021</u> | <u>1,313</u> | <u>1,621</u> | <u>1,627</u> | <u>1,646</u> | 6%   | 4%   | 5%   | 5%   | 4%   | -375                  | -19%                  |
| Financial Need                     | 30,033       | 32,302       | 33,179       | 33,414       | 35,109       | 94%  | 96%  | 95%  | 95%  | 96%  | 5,076                 | 17%                   |
| Less Grant Aid                     | 14,582       | 14,593       | 15,561       | 16,072       | 16,477       | 45%  | 43%  | 45%  | 46%  | 45%  | 1,896                 | 13%                   |
| Unmet Need                         | \$15,451     | \$17,709     | \$17,618     | \$17,342     | \$18,632     | 48%  | 53%  |      |      |      |                       |                       |





|                                      | FY11       | FY12       | FY13       | FY14       | FY15       | 5-yr<br># Change | 5-yr<br>% Change |
|--------------------------------------|------------|------------|------------|------------|------------|------------------|------------------|
| Completed FAFSA, did not have a need | 24         | 23         | 24         | 18         | 25         | 1                | 4.2%             |
| Grant aid, no FAFSA                  | <u>206</u> | <u>190</u> | <u>202</u> | <u>288</u> | <u>275</u> | <u>69</u>        | 33.5%            |
| Aid recipients with no need          | 230        | 213        | 226        | 306        | 300        | 70               | 30.4%            |
| Aid recipients with need*            | 221        | 210        | 203        | 208        | 207        | -14              | -6.3%            |
| Full pay / No aid                    | 111        | 151        | 179        | 94         | 142        | 31               | 27.9%            |

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|                             | FY11     | FY12     | FY13     | FY14     | FY15     | 5-yr<br># Change | 5-yr<br>% Change |
|-----------------------------|----------|----------|----------|----------|----------|------------------|------------------|
| Budgeted Cost of Attendance | \$36,525 | \$38,245 | \$35,366 | \$35,576 | \$33,641 | -\$2,884         | -7.9%            |
| Tuition & Required Fees     | \$20,191 | \$21,197 | \$21,833 | \$22,203 | \$22,535 | \$2,344          | 11.6%            |
| Average Grant Aid           | \$14,153 | \$13,698 | \$13,814 | \$14,617 | \$14,527 | \$374            | 2.6%             |

Note: Undergraduate Pharmacy and Medical students have been removed from this ac( U)73.5(5662. 5a)62.482

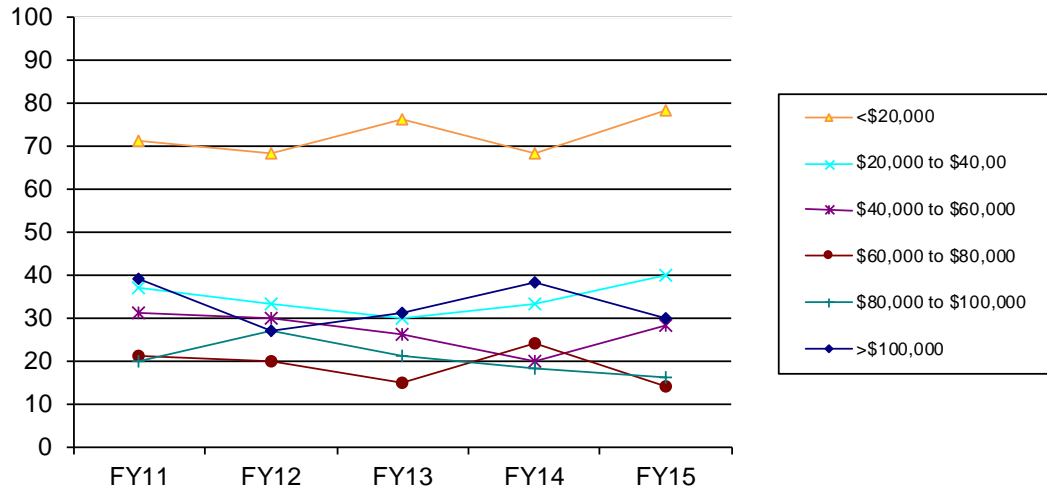
Table 3.2

| Income Level | Grant Aid | % Tuition &<br>Required Fees | % Total Cost<br>of<br>Attendance | Grant Aid | % Tuition &<br>Required Fees |
|--------------|-----------|------------------------------|----------------------------------|-----------|------------------------------|
|--------------|-----------|------------------------------|----------------------------------|-----------|------------------------------|

Table 3.3

| Income Level | Expected Family Contribution | Gift Aid | Work Study | Loans | % Unmet COA | Expected Family Contribution | Gift Aid | Work Study | Loans | % Unmet COA |
|--------------|------------------------------|----------|------------|-------|-------------|------------------------------|----------|------------|-------|-------------|
| <\$20,000    | 4%                           |          |            |       |             |                              |          |            |       |             |

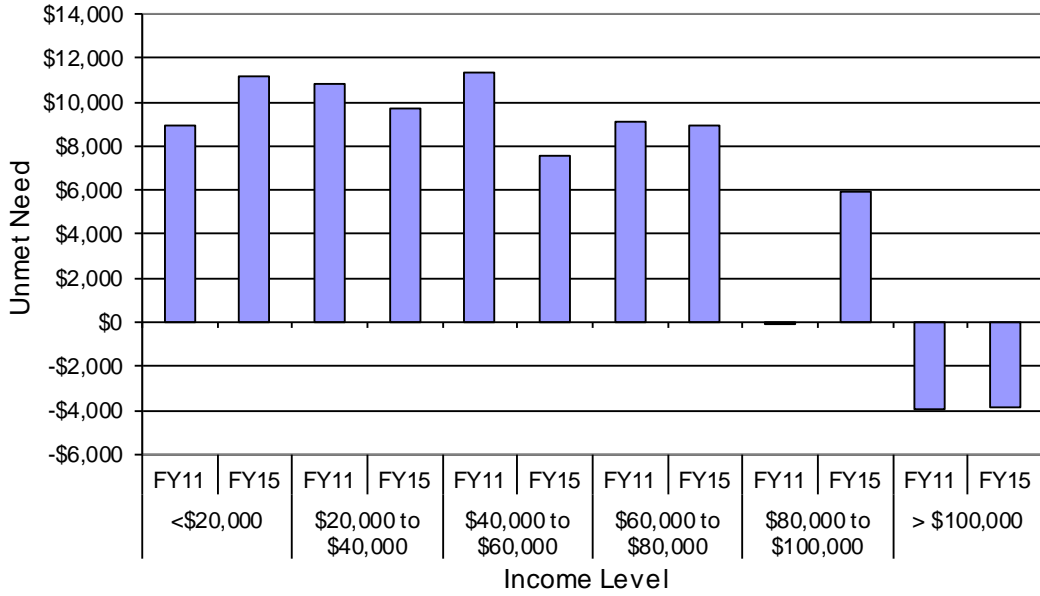
Figure 3.3  
 Number of Full -time, Degree -Seeking 9 -Month Undergraduate  
 Non-Residents with Financial Need by Income Level at the  
 University of Missouri -Kansas City, FY11 - FY15



Source: PeopleSoft  
 IR&P/LCB 10/15



Figure 3.5  
 Average Amount of Unmet Financial Need by Income Level at  
 the UM-Kansas City, FY11 vs. FY15



Source: UIDS, PeopleSoft  
 IR&P/LCB 10/15



Table 3.5

|  | FY11         | FY12         | FY13         | FY14         | FY15         | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|--|--------------|--------------|--------------|--------------|--------------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)                          | 71           | 68           | 76           | 68           | 78           |      |      |      |      |      | 7                     | 10%                   |
| Cost of Attendance                                       | \$35,725     | \$38,172     | \$35,103     | \$35,164     | \$32,908     |      |      |      |      |      | -\$2,818              | -8%                   |
| Less Expected Family Contribution*                       | <u>1,336</u> | <u>696</u>   | <u>534</u>   | <u>196</u>   | <u>250</u>   | 4%   | 2%   | 2%   | 1%   | 1%   | -1,086                | -81%                  |
| Financial Need   | 34,390       | 37,476       | 34,569       | 34,968       | 32,658       | 96%  | 98%  | 98%  | 99%  | 99%  | -1,732                | -5%                   |
| Less Grant Aid   | 15,592       | 14,486       | 15,066       | 15,243       | 14,574       | 44%  | 38%  | 43%  | 43%  | 44%  | -1,018                | -7%                   |
| Unmet Need   | \$18,798     | \$22,990     | \$19,503     | \$19,724     | \$18,084     | 53%  | 60%  | 56%  | 56%  | 55%  | -714                  | -4%                   |
| % Grant Aid that Met Financial Need                      | 45%          | 39%          | 44%          | 44%          | 45%          |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet Remaining Unmet Financial Need |              |              |              |              |              |      |      |      |      |      |                       |                       |
| College Work Study                                       | \$1,334      | \$869        | \$121        | \$361        | \$312        | 4%   | 2%   | 0%   | 1%   | 1%   | -1,023                | -77%                  |
| Need-based Loans   | 3,777        | 3,092        | 3,195        | 4,121        | 3,185        | 11%  | 8%   | 9%   | 12%  | 10%  | -593                  | -16%                  |
| Non-Need Based Loans                                     | 4,726        | 2,525        | 4,915        | 4,926        | 3,459        | 13%  | 7%   | 14%  | 14%  | 11%  | -1,267                | -27%                  |
| Remaining Unmet Need                                     | \$8,960      | \$16,504     | \$11,272     | \$10,317     | \$11,128     | 25%  | 43%  | 32%  | 29%  | 34%  | 2,168                 | 24%                   |
| *Amount Borrowed to meet EFC                             | \$237        | \$411        | \$306        | \$148        | \$177        | 1%   | 1%   | 1%   | 0%   | 1%   | -59                   | -25%                  |
|  | FY11         | FY12         | FY13         | FY14         | FY15         | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
| Total Enrolled for 9 months (N)                          | 37           | 33           | 30           | 33           | 40           |      |      |      |      |      | 3                     | 8%                    |
| Cost of Attendance                                       | \$36,709     | \$37,664     | \$33,947     | \$35,001     | \$32,878     |      |      |      |      |      | -\$3,830              | -10%                  |
| Less Expected Family Contribution*                       | <u>2,208</u> | <u>2,056</u> | <u>1,945</u> | <u>2,178</u> | <u>1,090</u> | 6%   | 5%   | 6%   | 6%   | 3%   | -1,118                | -51%                  |
| Financial Need   | 34,500       | 35,608       | 32,002       | 32,823       | 31,788       | 94%  | 95%  | 94%  | 94%  | 97%  | -2,712                | -8%                   |
| Less Grant Aid   | 14,528       | 14,713       | 12,760       | 13,407       | 15,165       | 40%  | 39%  | 38%  | 38%  | 46%  | 637                   | 4%                    |
| Unmet Need   | \$19,973     | \$20,895     | \$19,242     | \$19,416     | \$16,624     | 54%  | 55%  | 57%  | 55%  | 51%  | -3,349                | -17%                  |
| % Grant Aid that Met Financial Need                      | 42%          | 41%          | 40%          | 41%          | 48%          |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet Remaining Unmet Financial Need |              |              |              |              |              |      |      |      |      |      |                       |                       |
| College Work Study                                       | \$559        | \$667        | \$120        | \$139        | \$403        | 2%   | 2%   | 0%   | 0%   | 1%   | -157                  | -28%                  |
| Need-based Loans   | 4,270        | 4,133        | 3,547        | 4,109        | 3,074        | 12%  | 11%  | 10%  | 12%  | 9%   | -1,196                | -28%                  |

Table 3.5 (Continued)

|  | FY11          | FY12          | FY13          | FY14          | FY15          | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|--|---------------|---------------|---------------|---------------|---------------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)                          | 21            | 20            | 15            | 24            | 14            |      |      |      |      |      | -7                    | -33%                  |
| Cost of Attendance                                       | \$37,486      | \$38,153      | \$35,753      | \$34,956      | \$34,226      |      |      |      |      |      | -\$3,259              | -9%                   |
| Less Expected Family Contribution*                       | <u>10,247</u> | <u>12,891</u> | <u>9,291</u>  | <u>5,554</u>  | <u>8,211</u>  | 27%  | 34%  | 26%  | 16%  | 24%  | -2,036                | -20%                  |
| Financial Need   | 27,239        | 25,261        | 26,462        | 29,403        | 26,015        | 73%  | 66%  | 74%  | 84%  | 76%  | -1,223                | -4%                   |
| Less Grant Aid   | 11,087        | 11,386        | 13,168        | 15,679        | 13,175        | 30%  | 30%  | 37%  | 45%  | 38%  | 2,088                 | 19%                   |
| Unmet Need   | \$16,152      | \$13,875      | \$13,293      | \$13,724      | \$12,840      | 43%  | 36%  | 37%  | 39%  | 38%  | -3,312                | -21%                  |
| % Grant Aid that Met Financial Need                      | 41%           | 45%           | 50%           | 53%           | 51%           |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet Remaining Unmet Financial Need |               |               |               |               |               |      |      |      |      |      |                       |                       |
| College Work Study                                       | \$390         | \$460         | \$67          | \$0           | \$0           | 1%   | 1%   | 0%   | 0%   | 0%   | -390                  | -100%                 |
| Need-based Loans   | 3,489         | 2,679         | 2,900         | 3,313         | 3,599         | 9%   | 7%   | 8%   | 9%   | 11%  | 111                   | 3%                    |
| Non-Need Based Loans                                     | 3,133         | 1,749         | 3,260         | 2,159         | 311           | 8%   | 5%   | 9%   | 6%   | 1%   | -2,822                | -90%                  |
| Remaining Unmet Need                                     | \$9,140       | \$8,987       | \$7,066       | \$8,252       | \$8,930       | 24%  | 24%  | 20%  | 24%  | 26%  | -210                  | -2%                   |
| *Amount Borrowed to meet EFC                             | \$3,485       | \$3,621       | \$4,060       | \$2,946       | \$2,536       | 9%   | 9%   | 11%  | 8%   | 7%   | -949                  | -27%                  |
|  | FY11          | FY12          | FY13          | FY14          | FY15          | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
| Total Enrolled for 9 months (N)                          | 20            | 27            | 21            | 18            | 16            |      |      |      |      |      | -4                    | -20%                  |
| Cost of Attendance                                       | \$36,608      | \$39,577      | \$35,777      | \$35,434      | \$35,247      |      |      |      |      |      | -\$1,361              | -4%                   |
| Less Expected Family Contribution*                       | <u>16,019</u> | <u>18,458</u> | <u>14,695</u> | <u>12,093</u> | <u>13,301</u> | 44%  | 47%  | 41%  | 34%  | 38%  | -2,718                | -17%                  |
| Financial Need   | 20,589        | 21,120        | 21,082        | 23,341        | 21,946        | 56%  | 53%  | 59%  | 66%  | 62%  | 1,357                 | 7%                    |
| Less Grant Aid   | 16,503        | 15,650        | 13,364        | 13,915        | 10,928        | 45%  | 40%  | 37%  | 39%  | 31%  | -5,575                | -34%                  |
| Unmet Need   | \$4,086       | \$5,470       | \$7,719       | \$9,426       | \$11,017      | 11%  | 14%  | 22%  | 27%  | 31%  | 6,932                 | 170%                  |
| % Grant Aid that Met Financial Need                      | 80%           | 74%           | 63%           | 60%           | 50%           |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet Remaining Unmet Financial Need |               |               |               |               |               |      |      |      |      |      |                       |                       |
| College Work Study                                       | \$0           | \$681         | \$0           | \$0           | \$528         | 0%   | 2%   | 0%   | 0%   | 1%   | 528                   |                       |
| Need-based Loans   | 3,087         | 2,258         | 3,545         | 4,254         | 3,537         | 8%   | 6%   | 10%  | 12%  | 10%  | 450                   | 15%                   |
| Non-Need Based Loans                                     | 1,038         | 1,368         | 693           | 1,661         | 996           | 3%   | 3%   | 2%   | 5%   | 3%   | -43                   | -4%                   |
| Remaining Unmet Need                                     | -\$39         | \$1,162       | \$3,480       | \$3,510       | \$5,957       | 0%   | 3%   | 10%  | 10%  | 17%  | 5,997                 |                       |
| *Amount Borrowed to meet EFC                             | \$4,920       | \$5,417       | \$7,180       | \$4,255       | \$4,151       | 13%  | 14%  | 20%  | 12%  | 12%  | -768                  | -16%                  |
|  | FY11          | FY12          | FY13          | FY14          | FY15          | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
| Total Enrolled for 9 months (N)                          | 39            | 27            | 31            | 38            | 30            |      |      |      |      |      | -9                    | -23%                  |
| Cost of Attendance                                       | \$37,898      | \$39,155      | \$34,976      | \$36,290      | \$35,498      |      |      |      |      |      | -\$2,400              | -6%                   |
| Less Expected Family Contribution*                       | <u>26,019</u> | <u>29,090</u> | <u>27,817</u> | <u>26,129</u> | <u>23,702</u> | 69%  | 74%  | 80%  | 72%  | 67%  | -2,318                | -9%                   |
| Financial Need   | 11,878        | 10,065        | 7,159         | 10,161        | 11,796        | 31%  | 26%  | 20%  | 28%  | 33%  | -82                   | -1%                   |
| Less Grant Aid   | 13,594        | 12,779        | 11,962        | 12,860        | 13,604        | 36%  | 33%  | 34%  | 35%  | 38%  | 10                    | 0%                    |
| Unmet Need   | -\$1,716      | -\$2,714      | -\$4,802      | -\$2,699      | -\$1,808      | -5%  | -7%  | -14% | -7%  | -5%  | -92                   | 5%                    |
| % Grant Aid that Met Financial Need                      | 114%          | 127%          | 167%          | 127%          | 115%          |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet Remaining Unmet Financial Need |               |               |               |               |               |      |      |      |      |      |                       |                       |
| College Work Study                                       | \$0           | \$170         | \$0           | \$0           | \$0           | 0%   | 0%   | 0%   | 0%   | 0%   | 0                     |                       |
| Need-based Loans   | 2,191         | 1,873         | 1,506         | 2,015         | 1,753         | 6%   | 5%   | 4%   | 6%   | 5%   | -438                  | -20%                  |
| Non-Need Based Loans                                     | 51            | 18            | 120           | 402           | 273           | 0%   | 0%   | 0%   | 1%   | 1%   | 222                   | 433%                  |
| Remaining Unmet Need                                     | -\$3,958      | -\$4,775      | -\$6,428      | -\$5,116      | -\$3,834      | -10% | -12% | -18% | -14% | -11% | 124                   | -3%                   |
| *Amount Borrowed to meet EFC                             | \$7,712       | \$7,861       | \$8,538       | \$6,739       | \$8,190       | 20%  | 20%  | 24%  | 19%  | 23%  | 478                   | 6%                    |

Source: PeopleSoft



Figure 4.2  
Tuition and Rs BT 0 282uon adR414



|                             | FY11     | FY12     | FY13     | FY14     | FY15     | 5-yr<br># Change | 5-yr<br>% Change |
|-----------------------------|----------|----------|----------|----------|----------|------------------|------------------|
| Budgeted Cost of Attendance | \$33,170 | \$34,815 | \$36,489 | \$37,316 | \$37,988 | \$4,818          | 14.5%            |
| Tuition & Required Fees     | \$20,543 | \$21,879 | \$23,666 | \$24,684 | \$25,404 | \$4,861          | 23.7%            |
| Average Grant Aid           | \$10,882 | \$10,660 | \$11,448 | \$11,586 | \$11,169 | \$287            | 2.6%             |

Source: Institutional Characteristics & PeopleSoft  
IR&P/LCB 10/15



Table 4.3

Total Financial Aid as % of Cost of Attendance by Income Level at  
Missouri S&T, FY11 & FY15

| Income Level          | FY11                         |          |            |       |             | FY15                         |          |            |       |             |
|-----------------------|------------------------------|----------|------------|-------|-------------|------------------------------|----------|------------|-------|-------------|
|                       | % COA Met by Source of Aid   |          |            |       | % Unmet COA | % COA Met by Source of Aid   |          |            |       | % Unmet COA |
|                       | Expected Family Contribution | Gift Aid | Work Study | Loans |             | Expected Family Contribution | Gift Aid | Work Study | Loans |             |
| <\$20,000             | 1%                           | 48%      | 1%         | 27%   | 23%         | 1%                           | 36%      | 1%         | 20%   | 42%         |
| \$20,000 to \$40,00   | 6%                           | 44%      | 0%         | 21%   | 28%         | 4%                           | 30%      | 1%         | 26%   | 39%         |
| \$40,000 to \$60,000  | 13%                          | 41%      | 0%         | 22%   | 24%         | 18%                          | 34%      | 0%         | 20%   | 28%         |
| \$60,000 to \$80,000  | 28%                          | 34%      | 0%         | 21%   | 17%         | 30%                          | 27%      | 0%         | 22%   | 21%         |
| \$80,000 to \$100,000 | 44%                          | 24%      | 0%         | 13%   | 19%         | 47%                          | 31%      | 0%         | 12%   | 9%          |
| >\$100,000            | 63%                          | 29%      | 0%         | 8%    | 0%          | 71%                          | 28%      | 0%         | 7%    | -7%         |

Source: PeopleSoft

IR&P/LCB 10/15



Source: UIDS, PeopleSoft  
IR&P/LCB 10/15

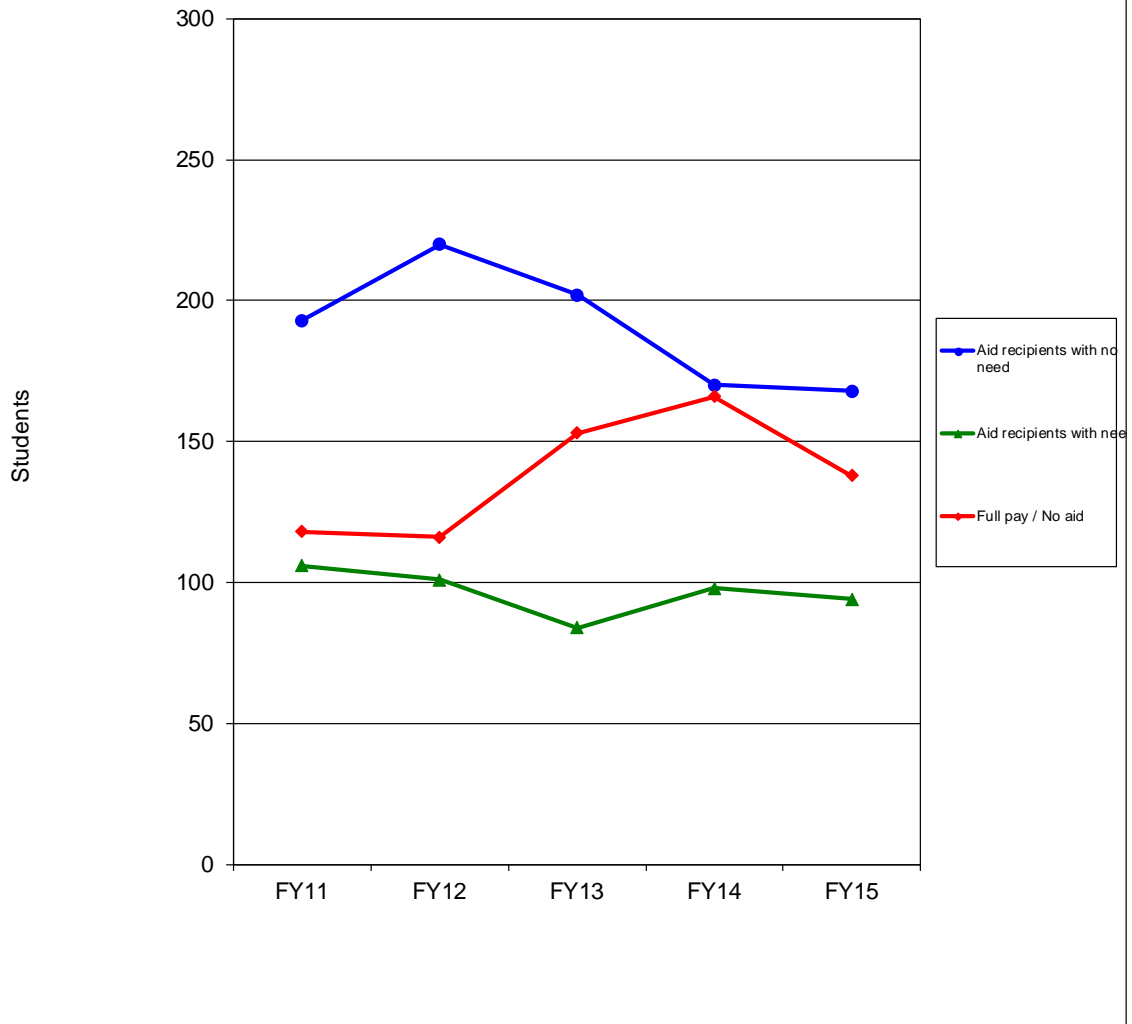




Table 4.5 (Continued)

|   | FY11         | FY12         | FY13          | FY14         | FY15          | FY11 | FY12 | FY13 | FY14 | FY15 | # Change<br>FY11-FY15 | % Change<br>FY11-FY15 |
|---|--------------|--------------|---------------|--------------|---------------|------|------|------|------|------|-----------------------|-----------------------|
| Total Enrolled for 9 months (N)                             | 60           | 62           | 53            | 51           | 49            |      |      |      |      |      | -11                   | -18%                  |
| Cost of Attendance  | \$33,382     | \$34,812     | \$36,358      | \$37,585     | \$38,110      |      |      |      |      |      | \$4,728               | 14%                   |
| Less Expected Family Contribution*                          | <u>9,339</u> | <u>9,569</u> | <u>11,238</u> | <u>9,740</u> | <u>11,548</u> | 28%  | 27%  | 31%  | 26%  | 30%  | 2,209                 | 24%                   |
| Financial Need  | 24,043       | 25,244       | 25,120        | 27,846       | 26,562        | 72%  | 73%  | 69%  | 74%  | 70%  | 2,519                 | 10%                   |
| Less Grant Aid  | 11,357       | 9,733        | 12,621        | 11,298       | 10,210        | 34%  | 28%  | 35%  | 30%  | 27%  | -1,148                | -10%                  |
| Unmet Need  | \$12,686     | \$15,511     | \$12,499      | \$16,548     | \$16,352      | 38%  | 45%  | 34%  | 44%  | 43%  | 3,667                 | 29%                   |
| % Grant Aid that Met Financial Need                         | 47%          | 39%          | 50%           | 41%          | 38%           |      |      |      |      |      |                       |                       |
| Non-Grant Sources to Meet<br>Remaining Unmet Financial Need |              |              |               |              |               |      |      |      |      |      |                       |                       |
| College Work Study  | \$0          | \$0          | \$0           | \$123        | \$0           | 0%   | 0%   | 0%   | 11%  | 10%  | 110                   | 0%                    |

Figure 5.1  
 Financial Aid Status for Full-time, Degree-Seeking Non-Resident Undergraduates  
 at the University of Missouri -St. Louis, FY11 - FY15



|  | FY11       | FY12       | FY13       | FY14       | FY15       | 5-yr # Change | 5-yr % Change |
|--|------------|------------|------------|------------|------------|---------------|---------------|
| Completed FAFSA, did not have a need                     | 12         | 11         | 12         | 15         | 18         | 6             | 50.0%         |
| Grant aid, no FAFSA                                      | 181        | 209        | 190        | 155        | 150        | -31           | -17.1%        |
| Aid recipients with no need                              | 193        | 220        | 202        | 170        | 168        | -25           | -13.0%        |
| Aid recipients with need*                                | 106        | 101        | 84         | 98         | 94         | -12           | -11.3%        |
| Full pay / No aid  | 118        | 116        | 153        | 166        | 138        | 20            | 16.9%         |
| <b>Total of all full-time, Degree-Seeking Non-Res UG</b> | <b>437</b> | <b>437</b> | <b>439</b> | <b>434</b> | <b>400</b> | <b>-17</b>    | <b>-4.1%</b>  |

\* All aid recipients with need completed a FAFSA and were not expected to pay the entire cost of attendance.

Source: PeopleSoft  
 IR&P/LCB 10/15





Table 5.3  
 Total Financial Aid as % of Cost of Attendance by Income Level at the University of Missouri-  
 St. Louis, FY11 & FY15

| Income Level          | FY11                         |          |            |       |             | FY15                         |          |            |       |             |
|-----------------------|------------------------------|----------|------------|-------|-------------|------------------------------|----------|------------|-------|-------------|
|                       | % COA Met by Source of Aid   |          |            |       | % Unmet COA | % COA Met by Source of Aid   |          |            |       | % Unmet COA |
|                       | Expected Family Contribution | Gift Aid | Work Study | Loans |             | Expected Family Contribution | Gift Aid | Work Study | Loans |             |
| <\$20,000             | 1%                           | 25%      | 0%         | 24%   | 51%         | 1%                           | 39%      | 0%         | 10%   | 50%         |
| \$20,000 to \$40,00   | 4%                           | 30%      | 0%         | 16%   | 51%         | 10%                          | 40%      | 0%         | 9%    | 41%         |
| \$40,000 to \$60,000  | 24%                          | 35%      | 0%         | 19%   | 22%         | 17%                          | 39%      | 0%         | 15%   | 29%         |
| \$60,000 to \$80,000  | 27%                          | 57%      | 0%         | 6%    | 10%         | 23%                          | 54%      | 0%         | 6%    | 17%         |
| \$80,000 to \$100,000 | 43%                          | 39%      | 0%         | 5%    | 14%         | 41%                          | 44%      | 0%         | 2%    | 13%         |
| >\$100,000            | 66%                          | 37%      | 0%         | 6%    | -9%         | 72%                          | 54%      | 0%         | 4%    | -29%        |

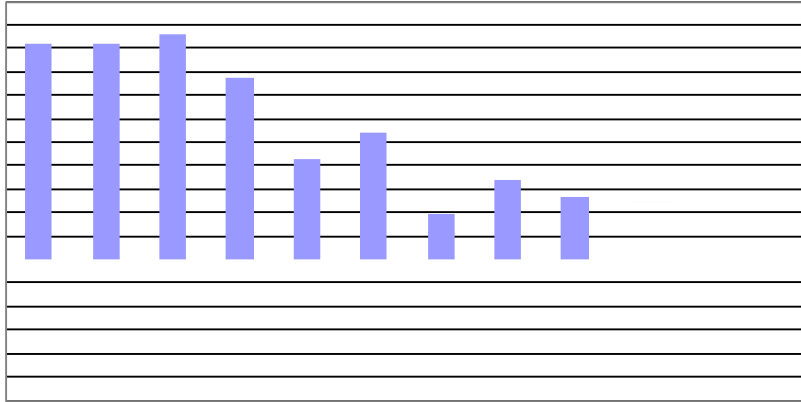
Source: PeopleSoft  
 IR&P/LCB 10/15

Table 5.4  
 Average PLUS Loan Awarded to PLUS Loan Recipients, Non-Resident, Full-time,  
 Degree-Seeking Undergraduates by Financial Need at the  
 University of Missouri-St. Louis, FY11 - FY15

|              | FY10 |          | FY11 |          | FY12 |          | FY13 |          | FY14 |          |
|--------------|------|----------|------|----------|------|----------|------|----------|------|----------|
|              | N    | Mean     | N    | Mean     | N    | Mean     | N    | Mean     | N    | Mean     |
| With Need    | 17   | \$13,410 | 18   | \$12,464 | 14   | \$14,246 | 12   | \$11,080 | 6    | \$10,810 |
| Without Need | 3    | 14,178   | 3    | 15,585   | 2    | 13,540   | 1    | 5,224    | 1    | 12,550   |
|              | 20   | \$13,525 | 21   | \$12,910 | 16   | \$14,158 | 13   | \$10,630 | 7    | \$11,059 |

Source: PeopleSoft  
 IR&P/LCB 10/15





Source: UIDS, PeopleSoft  
IR&P/LCB 10/15



Table 5.5

Table 5.5 (Continued)

|                                    | FY11          | FY12                | FY13         | FY14          | FY15         | FY11 | FY12 | FY13 | FY14 | FY15 | # Change  | % Change  |
|------------------------------------|---------------|---------------------|--------------|---------------|--------------|------|------|------|------|------|-----------|-----------|
|                                    | 3             | 6                   | 3            | 4             | 6            |      |      |      |      |      | FY11-FY15 | FY11-FY15 |
|                                    |               |                     |              |               |              |      |      |      |      |      | 3         | 100%      |
| Total Enrolled for 9 months (N)    | 3             | 6                   | 3            | 4             | 6            |      |      |      |      |      |           |           |
| Cost of Attendance                 | \$37,922      | \$34,701            | \$34,785     | \$37,881      | \$39,194     |      |      |      |      |      | \$1,272   | 3%        |
| Less Expected Family Contribution* | <u>10,150</u> | <u>11,675</u>       | <u>9,905</u> | <u>11,516</u> | <u>8,835</u> | 27%  | 34%  | 28%  | 30%  | 23%  | -1,315    | -13%      |
| Financial Need                     | 27,772        | 23,027              | 24,879       | 26,364        | 30,359       | 73%  | 66%  | 72%  | 70%  | 77%  | 2,587     | 9%        |
| Less Grant Aid                     | 21,639        | 13,060              | 18,997       | 15,220        | 21,320       | 57%  | 38%  | 55%  | 40%  | 54%  | -319      | -1%       |
| Unmet Need                         | \$6,133       | <del>\$27,094</del> | ree9         |               |              |      |      |      |      |      |           | 66%       |