

TABLE 4b.
Analysis by institutional type of responses
to questions 2-13 of the study survey

| | Number of institutions in sample | Sample % responding affirmatively | | <i>x-square factor (when significant)</i> | Variability Ungrouped data | |
|--|----------------------------------|-----------------------------------|-----------------------|---|-------------------------------|--------------------|
| | | | ± Confidence Interval | | Character | Relative magnitude |
| Q2 Project influenced by overall "vision" statement | | 65.1% | 6.2% | 1.49 | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 59.6% | 14.0% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 59.3% | 18.5% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 70.6% | 21.7% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 75.0% | 30.0% | | | |
| <i>All Doctoral/Research Universities</i> | | 62.6% | 9.5% | | | |
| Master's Colleges and Universities I (Public) | 36 | 71.4% | 15.0% | | | |
| Master's Colleges and Universities I (Private) | 19 | 66.7% | 21.8% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 100.0% | 0.0% | | increase | |
| <i>All Master's Colleges and Universities</i> | | 72.9% | 11.3% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 63.0% | 18.2% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 58.3% | 27.9% | | increase | |
| <i>All Baccalaureate Colleges</i> | | 60.0% | 15.2% | | | |
| Associate's Colleges (Public & Private) | 13 | 76.9% | 22.9% | | increase | |
| Specialized Institutions (Public & Private) | 17 | 53.3% | 25.2% | | | |
| Q3 Systematic assessment performed | | | | | | |
| a Of library operations | | 84.8% | 4.7% | | | |
| Doctoral/Research Universities--Extensive (Public) | 49 | 83.0% | 11.0% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 81.9% | 14.6% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 83.1% | 17.9% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 87.5% | 22.9% | | | |
| <i>All Doctoral/Research Universities</i> | | 83.1% | 7.5% | | | |
| Master's Colleges and Universities I (Public) | 36 | 92.3% | 9.0% | | | |
| Master's Colleges and Universities I (Private) | 19 | 91.8% | 12.9% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.3% | | | |
| <i>All Master's Colleges and Universities</i> | | 89.5% | 8.0% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 77.8% | 15.7% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 86.5% | 18.8% | | | |
| <i>All Baccalaureate Colleges</i> | | 81.1% | 12.0% | | | |
| Associate's Colleges (Public & Private) | 13 | 77.8% | 22.7% | | | |
| Specialized Institutions (Public & Private) | 17 | 89.2% | 15.9% | | | |
| b Of reader or user wishes | | 63.8% | 6.3% | | | |
| Doctoral/Research Universities--Extensive (Public) | 49 | 67.3% | 13.8% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 74.5% | 16.5% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 47.5% | 23.8% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 62.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 65.4% | 9.5% | | | |
| Master's Colleges and Universities I (Public) | 36 | 59.6% | 16.6% | | | |
| Master's Colleges and Universities I (Private) | 19 | 86.1% | 16.3% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 68.4% | 12.1% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 59.3% | 18.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 55.1% | 27.3% | | | |
| <i>All Baccalaureate Colleges</i> | | 58.9% | 15.1% | | | |
| Associate's Colleges (Public & Private) | 13 | 54.4% | 27.2% | | | |
| Specialized Institutions (Public & Private) | 17 | 61.8% | 25.0% | | | |
| c Of modes of student learning | | 40.6% | 6.4% | 1.35 | | 0.5 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 35.9% | 14.1% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 29.8% | 17.3% | | decrease | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 59.6% | 23.5% | | increase | |

TABLE 4b (continued)
Analysis by institutional type of responses
to questions 2-13 of the study survey

| | | | | | Variability Ungrouped data | |
|--|----------------------------------|-----------------------------------|-----------------------|--|-------------------------------|--------------------|
| | Number of institutions in sample | Sample % responding affirmatively | ± Confidence Interval | <i>x</i> -square factor (when significant) | Character | Relative magnitude |
| Doctoral/Research Universities--Intensive (Private) | 8 | 37.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 38.4% | 9.7% | | | |
| Master's Colleges and Universities I (Public) | 36 | 50.6% | 16.9% | | increase | |
| Master's Colleges and Universities I (Private) | 19 | 40.2% | 23.0% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 50.0% | 40.0% | | | |
| <i>All Master's Colleges and Universities</i> | | 47.4% | 13.0% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 33.3% | 17.8% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 47.2% | 27.4% | | | |
| <i>All Baccalaureate Colleges</i> | | 36.8% | 14.8% | | | |
| Associate's Colleges (Public & Private) | 13 | 46.7% | 27.3% | | | |
| Specialized Institutions (Public & Private) | 17 | 27.5% | 22.9% | | decrease | |
| d Of modes of faculty teaching | | 31.3% | 6.1% | 3.58 | | 0.9 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 22.4% | 12.2% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 33.5% | 17.9% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 29.7% | 21.8% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 25.0% | 30.0% | | | |
| <i>All Doctoral/Research Universities</i> | | 27.0% | 8.9% | | | |
| Master's Colleges and Universities I (Public) | 36 | 47.7% | 16.9% | | increase | |
| Master's Colleges and Universities I (Private) | 19 | 28.7% | 21.2% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | increase | |
| <i>All Master's Colleges and Universities</i> | | 42.1% | 12.8% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 25.9% | 16.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 47.2% | 27.4% | | increase | |
| <i>All Baccalaureate Colleges</i> | | 31.9% | 14.3% | | | |
| Associate's Colleges (Public & Private) | 13 | 31.1% | 25.3% | | | |
| Specialized Institutions (Public & Private) | 17 | 20.6% | 20.8% | | | |
| e Of fit with the provision of other academic space | | 57.6% | 6.5% | 3.50 | | 1.5 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 53.8% | 14.6% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 44.7% | 18.8% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 47.5% | 23.8% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 22.7% | 17.5% | | decrease | |
| <i>All Doctoral/Research Universities</i> | | 50.9% | 10.0% | | | |
| Master's Colleges and Universities I (Public) | 36 | 59.6% | 16.6% | | | |
| Master's Colleges and Universities I (Private) | 19 | 63.1% | 22.7% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 16.7% | 29.8% | | decrease | |
| <i>All Master's Colleges and Universities</i> | | 61.4% | 12.6% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 55.6% | 18.7% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 55.1% | 27.3% | | | |
| <i>All Baccalaureate Colleges</i> | | 56.5% | 15.2% | | | |
| Associate's Colleges (Public & Private) | 13 | 70.0% | 25.0% | | | |
| Specialized Institutions (Public & Private) | 17 | 75.5% | 22.1% | | | |
| Q4 Constituencies involved in planning | | | | | | |
| a Faculty | | 74.6% | 5.7% | | | |
| Doctoral/Research Universities--Extensive (Public) | 49 | 71.8% | 13.2% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 78.2% | 15.6% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 77.1% | 20.1% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 62.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 73.7% | 8.8% | | | |
| Master's Colleges and Universities I (Public) | 36 | 68.5% | 15.7% | | | |
| Master's Colleges and Universities I (Private) | 19 | 86.1% | 16.3% | | | |

TABLE 4b (continued)
Analysis by institutional type of responses
to questions 2-13 of the study survey

| | Number of institutions in sample | Sample % responding affirmatively | | <i>x</i> -square factor (when significant) | Variability Ungrouped data | |
|--|----------------------------------|-----------------------------------|-----------------------|--|-------------------------------|--------------------|
| | | | ± Confidence Interval | | Character | Relative magnitude |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 73.7% | 11.4% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 74.1% | 16.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 70.8% | 25.0% | | | |
| <i>All Baccalaureate Colleges</i> | | 73.7% | 13.5% | | | |
| Associate's Colleges (Public & Private) | 13 | 85.5% | 19.2% | | | |
| Specialized Institutions (Public & Private) | 17 | 75.5% | 22.1% | | | |
| b Students | | 51.3% | 6.5% | | | |
| Doctoral/Research Universities--Extensive (Public) | 49 | 44.9% | 14.6% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 59.6% | 18.6% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 47.4% | 23.8% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 50.0% | 34.6% | | | |
| <i>All Doctoral/Research Universities</i> | | 49.9% | 10.0% | | | |
| Master's Colleges and Universities I (Public) | 36 | 41.7% | 16.7% | | | |
| Master's Colleges and Universities I (Private) | 19 | 68.8% | 21.7% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 52.6% | 13.0% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 55.6% | 18.7% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 55.1% | 27.3% | | | |
| <i>All Baccalaureate Colleges</i> | | 56.5% | 15.2% | | | |
| Associate's Colleges (Public & Private) | 13 | 54.4% | 27.2% | | | |
| Specialized Institutions (Public & Private) | 17 | 48.0% | 25.7% | | | |
| Q5 Changes in concept of library work affected planning | | 73.3% | 5.8% | | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 77.8% | 12.1% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 74.1% | 16.5% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 70.6% | 21.7% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 75.0% | 30.0% | | | |
| <i>All Doctoral/Research Universities</i> | | 75.3% | 8.6% | | | |
| Master's Colleges and Universities I (Public) | 36 | 78.1% | 14.3% | | | |
| Master's Colleges and Universities I (Private) | 19 | 83.3% | 17.2% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 83.3% | 29.8% | | | |
| <i>All Master's Colleges and Universities</i> | | 80.4% | 10.4% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 63.0% | 28.2% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 53.8% | 27.1% | | | |
| <i>All Baccalaureate Colleges</i> | | 61.0% | 14.9% | | | |
| Associate's Colleges (Public & Private) | 13 | 76.9% | 22.9% | | | |
| Specialized Institutions (Public & Private) | 17 | 60.0% | 24.8% | | | |
| Q6 Instruction space provided for | | | | | | |
| a Instruction by library staff | | 83.5% | 4.9% | 1.21 | | 1.2 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 83.0% | 11.0% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 52.1% | 18.9% | | decrease | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 94.9% | 10.5% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 100.0% | 0.0% | | increase | |
| <i>All Doctoral/Research Universities</i> | | 77.9% | 8.3% | | | |
| Master's Colleges and Universities I (Public) | 36 | 98.3% | 4.4% | | increase | |
| Master's Colleges and Universities I (Private) | 19 | 91.8% | 12.9% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 83.3% | 29.8% | | | |
| <i>All Master's Colleges and Universities</i> | | 94.7% | 5.8% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 85.2% | 13.4% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 86.5% | 18.8% | | | |

TABLE 4b (continued)
Analysis by institutional type of responses
to questions 2-13 of the study survey

| | | | | | Variability Ungrouped data | |
|--|----------------------------------|-----------------------------------|--------------------------|---|-------------------------------|--------------------|
| | Number of institutions in sample | Sample % responding affirmatively | Confidence interval ± | <i>x-square factor (when significant)</i> | Character | Relative magnitude |
| <i>All Baccalaureate Colleges</i> | | 83.5% | 11.4% | | | |
| Associate's Colleges (Public & Private) | 13 | 93.3% | 13.7% | | | |
| Specialized Institutions (Public & Private) | 17 | 75.5% | 22.1% | | | |
| b Instruction by non-library staff | | 50.4% | 6.5% | 1.38 | | 0.9 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 44.9% | 14.6% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 52.1% | 18.9% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 35.6% | 22.9% | | decrease | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 50.0% | 34.6% | | | |
| <i>All Doctoral/Research Universities</i> | | 41.5% | 9.8% | | | |
| Master's Colleges and Universities I (Public) | 36 | 56.6% | 16.8% | | | |
| Master's Colleges and Universities I (Private) | 19 | 68.8% | 21.7% | | increase | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | increase | |
| <i>All Master's Colleges and Universities</i> | | 61.4% | 12.6% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 59.3% | 18.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 62.9% | 26.6% | | | |
| <i>All Baccalaureate Colleges</i> | | 61.4% | 15.0% | | | |
| Associate's Colleges (Public & Private) | 13 | 38.9% | 26.6% | | | |
| Specialized Institutions (Public & Private) | 17 | 48.0% | 25.7% | | | |
| c Instruction by computing services staff | | 33.5% | 6.2% | | | |
| Doctoral/Research Universities--Extensive (Public) | 49 | 26.9% | 13.0% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 22.3% | 15.8% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 41.5% | 23.5% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 37.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 29.1% | 9.1% | | | |
| Master's Colleges and Universities I (Public) | 36 | 41.7% | 16.7% | | | |
| Master's Colleges and Universities I (Private) | 19 | 34.4% | 22.3% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 33.3% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 38.6% | 12.6% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 29.6% | 17.2% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 47.2% | 27.4% | | | |
| <i>All Baccalaureate Colleges</i> | | 36.8% | 14.8% | | | |
| Associate's Colleges (Public & Private) | 13 | 38.9% | 26.6% | | | |
| Specialized Institutions (Public & Private) | 17 | 34.3% | 24.4% | | | |
| d Teaching and curricular development | | 34.8% | 6.2% | 1.27 | | 0.9 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 26.9% | 13.3% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 26.1% | 16.6% | | decrease | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 41.5% | 23.5% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 37.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 31.2% | 9.3% | | | |
| Master's Colleges and Universities I (Public) | 36 | 38.7% | 16.5% | | | |
| Master's Colleges and Universities I (Private) | 19 | 57.4% | 23.2% | | increase | |
| Master's Colleges and Universities II (Public & Private) | 6 | 33.3% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 43.9% | 12.9% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 33.3% | 17.8% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 39.3% | 26.9% | | | |
| <i>All Baccalaureate Colleges</i> | | 34.4% | 14.6% | | | |
| Associate's Colleges (Public & Private) | 13 | 31.1% | 25.3% | | | |
| Specialized Institutions (Public & Private) | 17 | 27.5% | 22.9% | | | |
| Q7 Student learning space provided that required | | | | | | |
| a General computing laboratories | | 63.8% | 6.3% | 1.03 | | 0.8 |

TABLE 4b (continued)
Analysis by institutional type of responses
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| | | | | Variability Ungrouped data | | |
|---|----------------------------------|-----------------------------------|---------------------|---|-----------|--------------------|
| | Number of institutions in sample | Sample % responding affirmatively | Confidence Interval | <i>X-square factor (when significant)</i> | Character | Relative magnitude |
| Doctoral/Research Universities--Extensive (Public) | 49 | 60.6% | 14.3% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 48.4% | 18.9% | | decrease | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 71.2% | 21.6% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 62.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 59.2% | 9.8% | | | |
| Master's Colleges and Universities I (Public) | 36 | 74.5% | 14.7% | | | |
| Master's Colleges and Universities I (Private) | 19 | 74.6% | 20.4% | | increase | |
| Master's Colleges and Universities II (Public & Private) | 6 | 50.0% | 40.0% | | decrease | |
| <i>All Master's Colleges and Universities</i> | | 71.9% | 11.7% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 59.3% | 18.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 55.1% | 27.3% | | | |
| <i>All Baccalaureate Colleges</i> | | 59.0% | 15.1% | | | |
| Associate's Colleges (Public & Private) | 13 | 70.0% | 25.1% | | | |
| Specialized Institutions (Public & Private) | 17 | 82.4% | 19.6% | | increase | |
| b Group study space | | 84.4% | 4.8% | | | |
| Doctoral/Research Universities--Extensive (Public) | 49 | 78.5% | 12.1% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 70.7% | 17.2% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 94.9% | 10.5% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 75.0% | 30.0% | | | |
| <i>All Doctoral/Research Universities</i> | | 78.9% | 8.1% | | | |
| Master's Colleges and Universities I (Public) | 36 | 95.3% | 7.1% | | | |
| Master's Colleges and Universities I (Private) | 19 | 91.8% | 12.9% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 91.2% | 7.3% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 88.9% | 11.9% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 86.5% | 18.8% | | | |
| <i>All Baccalaureate Colleges</i> | | 88.4% | 9.8% | | | |
| Associate's Colleges (Public & Private) | 13 | 93.3% | 13.7% | | | |
| Specialized Institutions (Public & Private) | 17 | 82.4% | 19.6% | | | |
| c Conference or other informal meeting space | | 63.8% | 6.3% | 1.99 | | 1.2 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 60.6% | 14.3% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 48.4% | 18.9% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 71.2% | 21.6% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 75.0% | 30.0% | | | |
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| Master's Colleges and Universities I (Public) | 36 | 74.5% | 14.7% | | | |
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| <i>All Master's Colleges and Universities</i> | | 77.2% | 10.9% | | | |
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| Baccalaureate Colleges--General (Public & Private) | 13 | 47.2% | 27.4% | | decrease | |
| <i>All Baccalaureate Colleges</i> | | 56.5% | 15.2% | | | |
| Associate's Colleges (Public & Private) | 13 | 85.5% | 19.2% | | increase | |
| Specialized Institutions (Public & Private) | 17 | 41.2% | 25.3% | | decrease | |
| Q8 Project provided for print/electronic interface | | 80.2% | 5.2% | | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 77.8% | 12.1% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 78.6% | 15.2% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 88.2% | 15.3% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 75.0% | 30.0% | | | |
| <i>All Doctoral/Research Universities</i> | | 79.6% | 8.0% | | | |

TABLE 4b (continued)
Analysis by institutional type of responses
to questions 2-13 of the study survey

| | | | | | Variability Ungrouped data | |
|--|----------------------------------|-----------------------------------|-----------------------|---|-------------------------------|--------------------|
| | Number of institutions in sample | Sample % responding affirmatively | ± Confidence Interval | <i>χ-square factor (when significant)</i> | Character | Relative magnitude |
| Master's Colleges and Universities I (Public) | 36 | 81.8% | 13.2% | | | |
| Master's Colleges and Universities I (Private) | 19 | 88.9% | 14.5% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 83.3% | 29.8% | | | |
| <i>All Master's Colleges and Universities</i> | | 84.2% | 9.5% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 88.9% | 11.9% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 69.2% | 25.1% | | | |
| <i>All Baccalaureate Colleges</i> | | 82.9% | 11.5% | | | |
| Associate's Colleges (Public & Private) | 13 | 76.9% | 22.9% | | | |
| Specialized Institutions (Public & Private) | 17 | 66.7% | 23.9% | | | |
| Q9 Project provided | | | | | | |
| a Vending machine food and beverages | | 50.0% | 9.0% | 6.74 | | 1.2 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 45.8% | 19.9% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 21.4% | 21.5% | | decrease | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 56.3% | 24.3% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 66.7% | 53.3% | | | |
| <i>All Doctoral/Research Universities</i> | | 43.9% | 12.9% | | | |
| Master's Colleges and Universities I (Public) | 36 | 54.5% | 20.8% | | | |
| Master's Colleges and Universities I (Private) | 19 | 72.7% | 26.3% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 0.0% | 0.0% | | decrease | |
| <i>All Master's Colleges and Universities</i> | | 60.6% | 16.7% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 70.0% | 28.4% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 75.0% | 42.4% | | increase | |
| <i>All Baccalaureate Colleges</i> | | 66.7% | 23.9% | | | |
| Associate's Colleges (Public & Private) | 13 | 42.9% | 36.7% | | | |
| Specialized Institutions (Public & Private) | 17 | 20.0% | 35.1% | | decrease | |
| b Staffed food services | | 22.9% | 7.6% | 4.61 | | 0.8 |
| Doctoral/Research Universities--Extensive (Public) | 49 | 33.3% | 18.9% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 42.9% | 25.9% | | increase | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 25.0% | 21.2% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 0.0% | 0.0% | | decrease | |
| <i>All Doctoral/Research Universities</i> | | 31.6% | 12.1% | | | |
| Master's Colleges and Universities I (Public) | 36 | 13.6% | 14.3% | | | |
| Master's Colleges and Universities I (Private) | 19 | 9.1% | 17.0% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 0.0% | 0.0% | | decrease | |
| <i>All Master's Colleges and Universities</i> | | 12.1% | 11.1% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 20.0% | 24.8% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 25.0% | 42.4% | | | |
| <i>All Baccalaureate Colleges</i> | | 20.0% | 20.2% | | | |
| Associate's Colleges (Public & Private) | 13 | 14.3% | 25.9% | | | |
| Specialized Institutions (Public & Private) | 17 | 20.0% | 35.1% | | | |
| Q10 Project provided social space for students | | 46.6% | 6.6% | | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 43.9% | 15.2% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 42.3% | 19.0% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 52.9% | 23.7% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 37.5% | 33.5% | | | |
| <i>All Doctoral/Research Universities</i> | | 44.6% | 10.2% | | | |
| Master's Colleges and Universities I (Public) | 36 | 50.0% | 16.8% | | | |
| Master's Colleges and Universities I (Private) | 19 | 55.6% | 23.0% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 50.0% | 40.0% | | | |
| <i>All Master's Colleges and Universities</i> | | 51.7% | 12.9% | | | |

TABLE 4b (continued)
Analysis by institutional type of responses
to questions 2-13 of the study survey

| | | | | | Variability Ungrouped data | |
|---|----------------------------------|-----------------------------------|-----------------------|--|-------------------------------|--------------------|
| | Number of institutions in sample | Sample % responding affirmatively | ± Confidence Interval | <i>x</i> -square factor (when significant) | Character | Relative magnitude |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 46.4% | 18.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 30.8% | 25.1% | | | |
| <i>All Baccalaureate Colleges</i> | | 42.9% | 15.0% | | | |
| Associate's Colleges (Public & Private) | 13 | 58.3% | 27.9% | | | |
| Specialized Institutions (Public & Private) | 17 | 35.7% | 25.1% | | | |
| Q11 Project provided for future changes in space use | | 72.3% | 5.9% | 1.27 | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 72.1% | 13.4% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 81.5% | 14.7% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 64.7% | 22.7% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 50.0% | 15.4% | | decrease | |
| <i>All Doctoral/Research Universities</i> | | 71.6% | 9.1% | | | |
| Master's Colleges and Universities I (Public) | 36 | 71.4% | 15.0% | | | |
| Master's Colleges and Universities I (Private) | 19 | 82.4% | 18.1% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 100.0% | 0.0% | | increase | |
| <i>All Master's Colleges and Universities</i> | | 77.6% | 10.7% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 73.1% | 17.0% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 76.9% | 22.9% | | | |
| <i>All Baccalaureate Colleges</i> | | 72.5% | 13.8% | | | |
| Associate's Colleges (Public & Private) | 13 | 61.5% | 26.4% | | | |
| Specialized Institutions (Public & Private) | 17 | 66.7% | 23.9% | | | |
| Q12 Conducted a post-occupancy assessment | | 15.7% | 4.8% | 1.06 | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 17.8% | 11.2% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 11.5% | 12.3% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 23.5% | 20.2% | | increase | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 25.0% | 30.0% | | increase | |
| <i>All Doctoral/Research Universities</i> | | 17.7% | 7.6% | | | |
| Master's Colleges and Universities I (Public) | 36 | 12.1% | 11.1% | | | |
| Master's Colleges and Universities I (Private) | 19 | 12.5% | 16.2% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 16.7% | 29.8% | | | |
| <i>All Master's Colleges and Universities</i> | | 12.7% | 8.8% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 10.7% | 11.5% | | | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 15.4% | 19.6% | | | |
| <i>All Baccalaureate Colleges</i> | | 11.9% | 9.8% | | | |
| Associate's Colleges (Public & Private) | 13 | 23.1% | 22.9% | | increase | |
| Specialized Institutions (Public & Private) | 17 | 21.4% | 21.5% | | increase | |
| Q13 Experience suggests need for further change | | 61.3% | 6.4% | 1.14 | | na |
| Doctoral/Research Universities--Extensive (Public) | 49 | 65.2% | 13.8% | | | |
| Doctoral/Research Universities--Extensive (Private) | 28 | 70.4% | 17.2% | | | |
| Doctoral/Research Universities--Intensive (Public) | 18 | 56.3% | 24.3% | | | |
| Doctoral/Research Universities--Intensive (Private) | 8 | 87.5% | 22.9% | | increase | |
| <i>All Doctoral/Research Universities</i> | | 67.0% | 9.4% | | | |
| Master's Colleges and Universities I (Public) | 36 | 63.6% | 16.4% | | | |
| Master's Colleges and Universities I (Private) | 19 | 58.8% | 23.4% | | | |
| Master's Colleges and Universities II (Public & Private) | 6 | 66.7% | 37.7% | | | |
| <i>All Master's Colleges and Universities</i> | | 62.5% | 12.7% | | | |
| Baccalaureate Colleges--Liberal Arts (Public & Public) | 29 | 46.2% | 19.2% | | decrease | |
| Baccalaureate Colleges--General (Public & Private) | 13 | 50.0% | 28.3% | | decrease | |
| <i>All Baccalaureate Colleges</i> | | 48.7% | 15.7% | | | |
| Associate's Colleges (Public & Private) | 13 | 53.8% | 27.1% | | | |
| Specialized Institutions (Public & Private) | 17 | 57.1% | 25.9% | | | |