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**EDUCAUSE Center for Applied Research**

**The Consumerization of Technology and the Bring-Your-Own-Everything (BYOE) Era of Higher Education**

**Abstract**

We are living in an era when affordable, easy-to-use, and readily accessible technologies facilitate a bring-your-own-everything (BYOE) standard. This “consumerization of technology” is setting a new standard whereby students, faculty, and staff bring their own devices, software, apps, and cloud-based technology to create a personal computing environment. The furor over the consumerization of IT is part of the contemporary discourse of IT professionals in higher education and raises understandable concerns about IT infrastructure, planning and governance, security and compliance, support strategies, teaching and learning, and fiscal implications. ECAR investigated these topical issues by conducting interviews, focus groups, and a survey to gather information about current BYOE practices in higher education. The results of these investigations provide insight about the scope of BYOE and the institutional culture surrounding BYO practices, as well as benchmarking metrics for the current state of policies, practices, and experiences of BYOE in higher education.

**Data Tables**

The tables in this file are provided for your reference to the data collected from a BYOE survey, conducted in late 2012 and early 2013. The data are disaggregated by Carnegie Classification (2000), by institutional control (public/private), and by enrolled student FTE (based on data from IPEDS), unless sample sizes are too small. Responses to open-ended questions are not included to preserve respondent anonymity. Note that the number of respondents (n) varies from question to question, and that percentages for multiple choice questions may not sum to 100% due to independent rounding.

For more information about this study, including the research report, slide deck, and infographic, visit the research hub at <http://www.educause.edu/library/resources/byod-and-consumerization-it-higher-education-research-2013>.

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| 2.1 Number of devices - Don't know | | Students - Don't know | | Faculty - Don't know | | Staff - Don't know | | Administrators - Don't know | | Visitors - Don't know | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Percent | (n) | Percent | (n) | Percent | (n) | Percent | (n) | Percent | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |
| AA | | 43.5% | (23) | 39.1% | (23) | 39.1% | (23) | 39.1% | (23) | 72.7% | (22) |
| BA | | 16.2% | (37) | 18.9% | (37) | 19.4% | (36) | 21.6% | (37) | 37.8% | (37) |
| MA | | 28.9% | (38) | 26.3% | (38) | 26.3% | (38) | 28.9% | (38) | 42.1% | (38) |
| DR | | 19.0% | (21) | 19.0% | (21) | 19.0% | (21) | 19.0% | (21) | 28.6% | (21) |
| Other US | | 33.3% | (18) | 27.8% | (18) | 27.8% | (18) | 27.8% | (18) | 50.0% | (18) |
| Outside US | | 21.1% | (19) | 27.8% | (18) | 26.3% | (19) | 33.3% | (18) | 44.4% | (18) |
| All | | 26.3% | (156) | 25.8% | (155) | 25.8% | (155) | 27.7% | (155) | 44.8% | (154) |
|  |
|  |
| 2.1 Devices a. Students - Don't know | | 2.1 Devices a. Students - Don't know | | 2.1 Devices b. Faculty - Don't know | | 2.1 Devices c. Staff - Don't know | | 2.1 Devices d. Administrators - Don't know | | 2.1 Devices e. Visitors - Don't know | |
| Percent | (n) | Percent | (n) | Percent | (n) | Percent | (n) | Percent | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |
| Public | | 33.8% | (77) | 34.2% | (76) | 33.8% | (77) | 34.2% | (76) | 49.3% | (75) |
| Private | | 18.3% | (71) | 16.9% | (71) | 17.1% | (70) | 19.7% | (71) | 38.0% | (71) |
| All | | 26.4% | (148) | 25.9% | (147) | 25.9% | (147) | 27.2% | (147) | 43.8% | (146) |
|  |
|  |
| 2.1 Devices a. Students - Don't know | | 2.1 Devices a. Students - Don't know | | 2.1 Devices b. Faculty - Don't know | | 2.1 Devices c. Staff - Don't know | | 2.1 Devices d. Administrators - Don't know | | 2.1 Devices e. Visitors - Don't know | |
| Percent | (n) | Percent | (n) | Percent | (n) | Percent | (n) | Percent | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 19.5% | (41) | 17.1% | (41) | 17.1% | (41) | 17.1% | (41) | 31.7% | (41) |
| 2,000–3,999 | | 28.9% | (38) | 26.3% | (38) | 27.0% | (37) | 31.6% | (38) | 52.6% | (38) |
| 4,000–7,999 | | 37.5% | (24) | 37.5% | (24) | 37.5% | (24) | 37.5% | (24) | 62.5% | (24) |
| 8,000–14,999 | | 24.0% | (25) | 28.0% | (25) | 28.0% | (25) | 32.0% | (25) | 25.0% | (24) |
| 15,000+ | | 26.1% | (23) | 27.3% | (22) | 26.1% | (23) | 27.3% | (22) | 50.0% | (22) |
| All | | 26.5% | (151) | 26.0% | (150) | 26.0% | (150) | 28.0% | (150) | 43.6% | (149) |
|  |
|  | | | | | | | | | | | | |

| 2.1a. Number of devices - Students | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.83 | (12) | 1.42 | (12) | 1.97 | (13) |
| BA | | 1.41 | (28) | 2.63 | (30) | 3.97 | (28) |
| MA | | 1.23 | (26) | 2.52 | (26) | 3.75 | (26) |
| DR | | 1.56 | (16) | 2.75 | (16) | 4.04 | (16) |
| Other US | | 1.30 | (10) | 2.75 | (10) | 3.67 | (9) |
| Outside US | | 0.96 | (13) | 2.07 | (14) | 3.25 | (12) |
| All | | 1.26 | (105) | 2.43 | (108) | 3.57 | (104) |
|  |
|  |
| 2.1 Devices a. Students - 2010 | | 2.1 Devices a. Students - 2010 | | 2.1 Devices a. Students - 2012 | | 2.1 Devices a. Students - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 1.12 | (47) | 2.23 | (48) | 3.27 | (47) |
| Private | | 1.42 | (52) | 2.64 | (54) | 3.92 | (52) |
| All | | 1.28 | (99) | 2.45 | (102) | 3.61 | (99) |
|  |
|  |
| 2.1 Devices a. Students - 2010 | | 2.1 Devices a. Students - 2010 | | 2.1 Devices a. Students - 2012 | | 2.1 Devices a. Students - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 1.36 | (30) | 2.50 | (30) | 3.60 | (31) |
| 2,000–3,999 | | 1.24 | (23) | 2.40 | (25) | 3.50 | (23) |
| 4,000–7,999 | | 1.07 | (15) | 2.27 | (15) | 3.74 | (15) |
| 8,000–14,999 | | 1.28 | (18) | 2.37 | (19) | 3.61 | (18) |
| 15,000+ | | 1.26 | (15) | 2.53 | (15) | 3.55 | (14) |
| All | | 1.26 | (101) | 2.42 | (104) | 3.59 | (101) |
|  |
|  | | | | | | | | |

| 2.1b. Number of devices - Faculty | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 1.04 | (13) | 1.87 | (13) | 2.32 | (14) |
| BA | | 1.26 | (28) | 2.19 | (29) | 3.16 | (28) |
| MA | | 1.10 | (27) | 2.06 | (27) | 2.98 | (26) |
| DR | | 1.38 | (16) | 2.31 | (16) | 3.34 | (16) |
| Other US | | 1.09 | (11) | 2.27 | (11) | 3.00 | (10) |
| Outside US | | 1.12 | (13) | 2.06 | (13) | 2.96 | (12) |
| All | | 1.18 | (108) | 2.13 | (109) | 3.00 | (106) |
|  |
|  |
| 2.1 Devices b. Faculty - 2010 | | 2.1 Devices b. Faculty - 2010 | | 2.1 Devices b. Faculty - 2012 | | 2.1 Devices b. Faculty - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 1.18 | (48) | 2.10 | (48) | 2.96 | (47) |
| Private | | 1.18 | (54) | 2.17 | (55) | 3.07 | (54) |
| All | | 1.18 | (102) | 2.14 | (103) | 3.02 | (101) |
|  |
|  |
| 2.1 Devices b. Faculty - 2010 | | 2.1 Devices b. Faculty - 2010 | | 2.1 Devices b. Faculty - 2012 | | 2.1 Devices b. Faculty - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 1.10 | (31) | 2.10 | (31) | 2.92 | (32) |
| 2,000–3,999 | | 1.18 | (25) | 2.12 | (26) | 2.98 | (25) |
| 4,000–7,999 | | 1.18 | (15) | 2.27 | (15) | 3.18 | (14) |
| 8,000–14,999 | | 1.07 | (18) | 1.82 | (18) | 2.83 | (18) |
| 15,000+ | | 1.40 | (15) | 2.43 | (15) | 3.39 | (14) |
| All | | 1.17 | (104) | 2.13 | (105) | 3.02 | (103) |
|  |
|  | | | | | | | | |

| 2.1c. Number of devices - Staff | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.77 | (13) | 1.62 | (13) | 2.00 | (14) |
| BA | | 1.19 | (27) | 1.91 | (28) | 2.78 | (27) |
| MA | | 0.98 | (27) | 1.77 | (27) | 2.71 | (26) |
| DR | | 1.32 | (16) | 2.03 | (16) | 2.84 | (16) |
| Other US | | 1.00 | (11) | 1.91 | (11) | 2.60 | (10) |
| Outside US | | 1.04 | (13) | 1.98 | (13) | 2.71 | (12) |
| All | | 1.07 | (107) | 1.87 | (108) | 2.64 | (105) |
|  |
|  |
| 2.1 Devices c. Staff - 2010 | | 2.1 Devices c. Staff - 2010 | | 2.1 Devices c. Staff - 2012 | | 2.1 Devices c. Staff - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 1.02 | (48) | 1.82 | (48) | 2.51 | (47) |
| Private | | 1.11 | (53) | 1.90 | (54) | 2.79 | (53) |
| All | | 1.07 | (101) | 1.86 | (102) | 2.66 | (100) |
|  |
|  |
| 2.1 Devices c. Staff - 2010 | | 2.1 Devices c. Staff - 2010 | | 2.1 Devices c. Staff - 2012 | | 2.1 Devices c. Staff - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 1.03 | (31) | 1.84 | (31) | 2.48 | (32) |
| 2,000–3,999 | | 1.06 | (24) | 1.78 | (25) | 2.69 | (24) |
| 4,000–7,999 | | 0.97 | (15) | 1.77 | (15) | 2.75 | (14) |
| 8,000–14,999 | | 1.07 | (18) | 1.99 | (18) | 2.78 | (18) |
| 15,000+ | | 1.30 | (15) | 2.07 | (15) | 2.82 | (14) |
| All | | 1.08 | (103) | 1.87 | (104) | 2.67 | (102) |
|  |
|  | | | | | | | | |

| 2.1d. Number of devices - Administrators | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 1.04 | (13) | 2.12 | (13) | 2.50 | (14) |
| BA | | 1.50 | (28) | 2.43 | (29) | 3.20 | (28) |
| MA | | 1.26 | (26) | 2.40 | (26) | 3.20 | (25) |
| DR | | 1.53 | (16) | 2.34 | (16) | 3.41 | (16) |
| Other US | | 1.09 | (11) | 2.36 | (11) | 3.00 | (10) |
| Outside US | | 1.50 | (12) | 2.58 | (12) | 3.27 | (11) |
| All | | 1.35 | (106) | 2.38 | (107) | 3.13 | (104) |
|  |
|  |
| 2.1 Devices d. Administrators - 2010 | | 2.1 Devices d. Administrators - 2010 | | 2.1 Devices d. Administrators - 2012 | | 2.1 Devices d. Administrators - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 1.34 | (48) | 2.35 | (48) | 3.01 | (47) |
| Private | | 1.34 | (53) | 2.39 | (54) | 3.25 | (53) |
| All | | 1.34 | (101) | 2.37 | (102) | 3.14 | (100) |
|  |
|  |
| 2.1 Devices d. Administrators - 2010 | | 2.1 Devices d. Administrators - 2010 | | 2.1 Devices d. Administrators - 2012 | | 2.1 Devices d. Administrators - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 1.32 | (32) | 2.33 | (32) | 3.05 | (33) |
| 2,000–3,999 | | 1.33 | (23) | 2.33 | (24) | 3.00 | (23) |
| 4,000–7,999 | | 1.17 | (15) | 2.30 | (15) | 3.07 | (14) |
| 8,000–14,999 | | 1.29 | (17) | 2.24 | (17) | 3.29 | (17) |
| 15,000+ | | 1.70 | (15) | 2.80 | (15) | 3.46 | (14) |
| All | | 1.35 | (102) | 2.38 | (103) | 3.14 | (101) |
|  |
|  | | | | | | | | |

| 2.1e. Number of devices - Visitors | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.60 | (5) | 0.90 | (5) | 1.17 | (6) |
| BA | | 0.95 | (22) | 1.48 | (23) | 1.91 | (22) |
| MA | | 0.81 | (22) | 1.50 | (22) | 1.89 | (22) |
| DR | | 1.04 | (14) | 1.65 | (14) | 2.12 | (14) |
| Other US | | 1.94 | (8) | 1.43 | (7) | 1.71 | (7) |
| Outside US | | 1.00 | (10) | 1.70 | (10) | 2.30 | (10) |
| All | | 1.01 | (81) | 1.50 | (81) | 1.92 | (81) |
|  |
|  |
| 2.1 Devices e. Visitors - 2010 | | 2.1 Devices e. Visitors - 2010 | | 2.1 Devices e. Visitors - 2012 | | 2.1 Devices e. Visitors - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 0.83 | (36) | 1.44 | (36) | 1.80 | (37) |
| Private | | 1.17 | (42) | 1.55 | (42) | 1.97 | (41) |
| All | | 1.01 | (78) | 1.50 | (78) | 1.89 | (78) |
|  |
|  |
| 2.1 Devices e. Visitors - 2010 | | 2.1 Devices e. Visitors - 2010 | | 2.1 Devices e. Visitors - 2012 | | 2.1 Devices e. Visitors - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.87 | (26) | 1.48 | (26) | 1.81 | (27) |
| 2,000–3,999 | | 1.41 | (17) | 1.29 | (17) | 1.66 | (16) |
| 4,000–7,999 | | 1.11 | (9) | 1.56 | (9) | 2.00 | (9) |
| 8,000–14,999 | | 0.90 | (18) | 1.61 | (18) | 2.17 | (18) |
| 15,000+ | | 0.80 | (10) | 1.52 | (10) | 1.97 | (10) |
| All | | 1.01 | (80) | 1.48 | (80) | 1.90 | (80) |
|  |
|  | | | | | | | | |

| 2.2 Percentage of employees - Don't know | | a. Devices - Don't know | | b. Services - Don't know | |
| --- | --- | --- | --- | --- | --- |
| Percent | (n) | Percent | (n) |
| Carnegie Class | |  |  |  |  |
| AA | | 43.5% | (23) | 54.5% | (22) |
| BA | | 29.7% | (37) | 43.2% | (37) |
| MA | | 26.3% | (38) | 31.6% | (38) |
| DR | | 19.0% | (21) | 38.1% | (21) |
| Other US | | 29.4% | (17) | 47.1% | (17) |
| Outside US | | 26.3% | (19) | 36.8% | (19) |
| All | | 29.0% | (155) | 40.9% | (154) |
|  |
|  |
| 2.2 Percentage a. Devices - Don't know | | 2.2 Percentage a. Devices - Don't know | | 2.2 Percentage b. Services - Don't know | |
| Percent | (n) | Percent | (n) |
| Control | |  |  |  |  |
| Public | | 31.6% | (76) | 40.0% | (75) |
| Private | | 25.4% | (71) | 40.8% | (71) |
| All | | 28.6% | (147) | 40.4% | (146) |
|  |
|  |
| 2.2 Percentage a. Devices - Don't know | | 2.2 Percentage a. Devices - Don't know | | 2.2 Percentage b. Services - Don't know | |
| Percent | (n) | Percent | (n) |
| FTE | |  |  |  |  |
| Less than 2,000 | | 22.0% | (41) | 31.7% | (41) |
| 2,000–3,999 | | 34.2% | (38) | 44.7% | (38) |
| 4,000–7,999 | | 37.5% | (24) | 62.5% | (24) |
| 8,000–14,999 | | 20.0% | (25) | 25.0% | (24) |
| 15,000+ | | 34.8% | (23) | 43.5% | (23) |
| All | | 29.1% | (151) | 40.7% | (150) |
|  |
|  | | | | | | |

| 2.2a. Percentage of employees - Devices | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 14.6% | (12) | 33.4% | (13) | 53.9% | (13) |
| BA | | 22.3% | (24) | 45.1% | (26) | 62.5% | (23) |
| MA | | 19.0% | (28) | 40.6% | (28) | 60.3% | (27) |
| DR | | 27.5% | (17) | 49.2% | (17) | 64.4% | (17) |
| Other US | | 13.5% | (12) | 40.8% | (12) | 60.4% | (12) |
| Outside US | | 18.8% | (13) | 37.1% | (14) | 56.1% | (13) |
| All | | 20.0% | (106) | 41.7% | (110) | 60.1% | (105) |
|  |
|  |
| 2.2 Percentage a. Devices - 2010 | | 2.2 Percentage a. Devices - 2010 | | 2.2 Percentage a. Devices - 2012 | | 2.2 Percentage a. Devices - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 21.8% | (49) | 41.5% | (52) | 60.1% | (50) |
| Private | | 18.4% | (52) | 42.7% | (53) | 61.5% | (50) |
| All | | 20.1% | (101) | 42.1% | (105) | 60.8% | (100) |
|  |
|  |
| 2.2 Percentage a. Devices - 2010 | | 2.2 Percentage a. Devices - 2010 | | 2.2 Percentage a. Devices - 2012 | | 2.2 Percentage a. Devices - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 19.7% | (31) | 38.1% | (32) | 55.3% | (32) |
| 2,000–3,999 | | 19.5% | (23) | 45.9% | (25) | 64.8% | (21) |
| 4,000–7,999 | | 12.3% | (15) | 32.8% | (15) | 53.2% | (15) |
| 8,000–14,999 | | 23.5% | (19) | 47.0% | (20) | 68.9% | (19) |
| 15,000+ | | 24.3% | (15) | 44.7% | (15) | 62.2% | (15) |
| All | | 20.0% | (103) | 41.8% | (107) | 60.5% | (102) |
|  |
|  | | | | | | | | |

| 2.2b. Percentage of employees - Services | | 2010 | | 2012 | | 2014 | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 14.8% | (9) | 33.2% | (10) | 52.4% | (10) |
| BA | | 15.3% | (19) | 29.9% | (21) | 44.1% | (19) |
| MA | | 6.9% | (26) | 22.8% | (26) | 39.8% | (26) |
| DR | | 19.4% | (13) | 38.5% | (13) | 57.5% | (13) |
| Other US | | 9.1% | (9) | 26.4% | (9) | 48.3% | (9) |
| Outside US | | 10.6% | (11) | 30.1% | (12) | 47.7% | (11) |
| All | | 12.1% | (87) | 29.1% | (91) | 46.7% | (88) |
|  |
|  |
| 2.2 Percentage b. Services - 2010 | | 2.2 Percentage b. Services - 2010 | | 2.2 Percentage b. Services - 2012 | | 2.2 Percentage b. Services - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |
| Public | | 14.0% | (42) | 31.6% | (45) | 49.7% | (43) |
| Private | | 10.4% | (41) | 27.0% | (42) | 45.0% | (41) |
| All | | 12.2% | (83) | 29.4% | (87) | 47.4% | (84) |
|  |
|  |
| 2.2 Percentage b. Services - 2010 | | 2.2 Percentage b. Services - 2010 | | 2.2 Percentage b. Services - 2012 | | 2.2 Percentage b. Services - 2014 | |
| Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 9.2% | (27) | 22.9% | (28) | 39.4% | (28) |
| 2,000–3,999 | | 11.9% | (19) | 27.8% | (21) | 40.1% | (19) |
| 4,000–7,999 | | 4.8% | (9) | 28.1% | (9) | 51.0% | (9) |
| 8,000–14,999 | | 14.5% | (17) | 31.7% | (18) | 54.6% | (17) |
| 15,000+ | | 20.0% | (13) | 40.2% | (13) | 57.7% | (13) |
| All | | 12.0% | (85) | 28.9% | (89) | 46.5% | (86) |
|  |
|  | | | | | | | | |

| 2.3 Motivation scores\* | | a. To increase productivity | | b. To increase satisfaction | | c. As a recruitment mechanism | | d. To reduce procurement costs | | e. Other motivation | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |
| AA | | 2.23 | (22) | 2.57 | (21) | 1.57 | (21) | 2.10 | (21) | 2.00 | (5) |
| BA | | 2.22 | (37) | 2.32 | (37) | 1.60 | (35) | 1.95 | (37) | 0.60 | (5) |
| MA | | 2.09 | (35) | 2.31 | (36) | 1.72 | (36) | 1.75 | (36) | 0.44 | (9) |
| DR | | 2.10 | (20) | 2.30 | (20) | 1.60 | (20) | 1.65 | (20) | 0.63 | (8) |
| Other US | | 1.53 | (17) | 1.78 | (18) | 0.86 | (14) | 1.24 | (17) | 0.50 | (8) |
| Outside US | | 1.67 | (18) | 1.89 | (18) | 0.88 | (17) | 1.47 | (19) | 1.00 | (10) |
| All | | 2.03 | (149) | 2.23 | (150) | 1.47 | (143) | 1.74 | (150) | 0.80 | (45) |
|  |
|  |
| 2.3 Motivation a. To increase productivity | | 2.3 Motivation a. To increase productivity | | 2.3 Motivation b. To increase satisfaction | | 2.3 Motivation c. As a recruitment mechanism | | 2.3 Motivation d. To reduce procurement costs of institutionally provided technology | | 2.3 Motivation e. Other motivation | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |
| Public | | 2.08 | (72) | 2.34 | (71) | 1.41 | (70) | 1.85 | (72) | 0.92 | (26) |
| Private | | 2.04 | (69) | 2.23 | (71) | 1.65 | (65) | 1.69 | (70) | 0.60 | (15) |
| All | | 2.06 | (141) | 2.28 | (142) | 1.53 | (135) | 1.77 | (142) | 0.80 | (41) |
|  |
|  |
| 2.3 Motivation a. To increase productivity | | 2.3 Motivation a. To increase productivity | | 2.3 Motivation b. To increase satisfaction | | 2.3 Motivation c. As a recruitment mechanism | | 2.3 Motivation d. To reduce procurement costs of institutionally provided technology | | 2.3 Motivation e. Other motivation | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 1.98 | (41) | 2.10 | (41) | 1.69 | (39) | 1.80 | (41) | 1.22 | (9) |
| 2,000–3,999 | | 2.22 | (36) | 2.53 | (38) | 1.50 | (34) | 2.03 | (37) | 0.00 | (7) |
| 4,000–7,999 | | 1.79 | (24) | 2.17 | (24) | 1.45 | (22) | 1.33 | (24) | 0.80 | (10) |
| 8,000–14,999 | | 2.14 | (22) | 2.29 | (21) | 1.68 | (22) | 1.81 | (21) | 1.38 | (8) |
| 15,000+ | | 2.05 | (21) | 2.00 | (21) | 0.95 | (21) | 1.64 | (22) | 0.43 | (7) |
| All | | 2.04 | (144) | 2.23 | (145) | 1.49 | (138) | 1.76 | (145) | 0.80 | (41) |
|  |
| \*Responses to question 2.3 were scored as follows: 0=”Not at all motivated”; 1=”Somewhat motivated”; 2=”Motivated”; 3=”Very motivated”; 4=”Extremely motivated”. Responses of “Don’t know” were not included in these calculations. | | | | | | | | | | | | |

| 2.4 Culture scores\* | | a. Focused efforts to manage assets | | b. Focused efforts to manage access | | c. Supports a culture of innovation. | | d. Welcoming environment for faculty. | | e. Welcoming environment for staff. | | f. Welcoming environment for students. | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |  |  |
| AA | | -0.18 | (22) | 1.04 | (23) | 1.00 | (23) | 0.65 | (23) | 0.52 | (23) | 1.00 | (23) |
| BA | | -0.22 | (36) | 0.56 | (36) | 0.78 | (36) | 0.94 | (36) | 0.75 | (36) | 1.36 | (36) |
| MA | | -0.16 | (37) | 1.03 | (37) | 0.89 | (37) | 0.68 | (37) | 0.57 | (37) | 1.30 | (37) |
| DR | | -0.47 | (19) | 0.95 | (19) | 0.63 | (19) | 0.74 | (19) | 0.53 | (19) | 1.42 | (19) |
| Other US | | 0.17 | (18) | 1.39 | (18) | 0.78 | (18) | 0.47 | (17) | 0.33 | (18) | 0.94 | (18) |
| Outside US | | 0.00 | (19) | 0.58 | (19) | 0.79 | (19) | 0.79 | (19) | 0.32 | (19) | 1.11 | (18) |
| All | | -0.16 | (151) | 0.89 | (152) | 0.82 | (152) | 0.74 | (151) | 0.54 | (152) | 1.22 | (151) |
|  |
|  |
| 2.4 Agree a. Focused efforts to manage assets of user-provisioned technologies. | | 2.4 Agree a. Focused efforts to manage assets of user-provisioned technologies. | | 2.4 Agree b. Focused efforts to manage access of user-provisioned technologies. | | 2.4 Agree c. Supports a culture of innovation. | | 2.4 Agree d. Welcoming environment for user-provisioned technologies for faculty. | | 2.4 Agree e. Welcoming environment for user-provisioned technologies for staff. | | 2.4 Agree f. Welcoming environment for user-provisioned technologies for students. | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |  |  |
| Public | | -0.22 | (74) | 1.03 | (74) | 0.82 | (74) | 0.72 | (74) | 0.54 | (74) | 1.08 | (73) |
| Private | | -0.13 | (69) | 0.77 | (70) | 0.79 | (70) | 0.75 | (69) | 0.54 | (70) | 1.37 | (70) |
| All | | -0.17 | (143) | 0.90 | (144) | 0.81 | (144) | 0.73 | (143) | 0.54 | (144) | 1.22 | (143) |
|  |
|  |
| 2.4 Agree a. Focused efforts to manage assets of user-provisioned technologies. | | 2.4 Agree a. Focused efforts to manage assets of user-provisioned technologies. | | 2.4 Agree b. Focused efforts to manage access of user-provisioned technologies. | | 2.4 Agree c. Supports a culture of innovation. | | 2.4 Agree d. Welcoming environment for user-provisioned technologies for faculty. | | 2.4 Agree e. Welcoming environment for user-provisioned technologies for staff. | | 2.4 Agree f. Welcoming environment for user-provisioned technologies for students. | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 0.13 | (40) | 0.95 | (40) | 0.90 | (40) | 0.85 | (39) | 0.65 | (40) | 1.30 | (40) |
| 2,000–3,999 | | -0.30 | (37) | 0.84 | (38) | 0.82 | (38) | 0.63 | (38) | 0.45 | (38) | 1.34 | (38) |
| 4,000–7,999 | | 0.00 | (24) | 0.92 | (24) | 0.88 | (24) | 0.54 | (24) | 0.38 | (24) | 0.88 | (24) |
| 8,000–14,999 | | -0.26 | (23) | 1.04 | (23) | 0.78 | (23) | 0.61 | (23) | 0.48 | (23) | 1.14 | (22) |
| 15,000+ | | -0.36 | (22) | 0.82 | (22) | 0.77 | (22) | 1.00 | (22) | 0.64 | (22) | 1.27 | (22) |
| All | | -0.14 | (146) | 0.91 | (147) | 0.84 | (147) | 0.73 | (146) | 0.52 | (147) | 1.21 | (146) |
|  |
| \*Responses to question 2.4 were scored as follows: -2=”Strongly disagree”; -1=”Disagree”; 0=”Neither agree nor disagree”; 1=”Strongly agree”; 2=”Strongly agree”. Responses of “Don’t know” were not included in these calculations. | | | | | | | | | | | | | | |

| 2.5 Priorities Scores\* | | a. Institutional mobile strategy | | b. Data loss liability coverage | | c. Extending enterprise systems | | d. Anytime access to course materials | | e. Personnel with mobile application skills | | f. Implementing a VDI system | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |  |  |
| AA | | 2.39 | (23) | 2.67 | (21) | 2.65 | (23) | 3.09 | (23) | 1.59 | (22) | 2.45 | (22) |
| BA | | 2.49 | (35) | 2.20 | (35) | 2.47 | (36) | 2.97 | (36) | 1.83 | (36) | 2.37 | (35) |
| MA | | 2.32 | (37) | 1.95 | (37) | 2.70 | (37) | 3.05 | (37) | 1.65 | (37) | 2.22 | (37) |
| DR | | 2.58 | (19) | 2.11 | (19) | 2.63 | (19) | 3.05 | (19) | 2.32 | (19) | 2.68 | (19) |
| Other US | | 2.29 | (17) | 2.33 | (18) | 2.41 | (17) | 2.89 | (18) | 1.61 | (18) | 1.78 | (18) |
| Outside US | | 2.42 | (19) | 1.63 | (19) | 2.26 | (19) | 3.11 | (19) | 1.89 | (19) | 2.00 | (19) |
| All | | 2.41 | (150) | 2.13 | (149) | 2.54 | (151) | 3.03 | (152) | 1.79 | (151) | 2.27 | (150) |
|  |
|  |
| 2.5 Priorities a. Developing a comprehensive institutional mobile strategy | | 2.5 Priorities a. Developing a comprehensive institutional mobile strategy | | 2.5 Priorities b. Establishing data loss liability coverage | | 2.5 Priorities c. Extending enterprise systems for mobile access | | 2.5 Priorities d. Anytime access to course materials for students | | 2.5 Priorities e. Hiring IT personnel with mobile application skills | | 2.5 Priorities f. Implementing a VDI system | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |  |  |
| Public | | 2.47 | (74) | 2.18 | (72) | 2.58 | (74) | 3.12 | (74) | 1.86 | (73) | 2.44 | (73) |
| Private | | 2.32 | (68) | 2.10 | (69) | 2.51 | (69) | 2.90 | (70) | 1.71 | (70) | 2.12 | (69) |
| All | | 2.40 | (142) | 2.14 | (141) | 2.55 | (143) | 3.01 | (144) | 1.79 | (143) | 2.28 | (142) |
|  |
|  |
| 2.5 Priorities a. Developing a comprehensive institutional mobile strategy | | 2.5 Priorities a. Developing a comprehensive institutional mobile strategy | | 2.5 Priorities b. Establishing data loss liability coverage | | 2.5 Priorities c. Extending enterprise systems for mobile access | | 2.5 Priorities d. Anytime access to course materials for students | | 2.5 Priorities e. Hiring IT personnel with mobile application skills | | 2.5 Priorities f. Implementing a VDI system | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 2.33 | (40) | 2.13 | (39) | 2.70 | (40) | 3.08 | (40) | 1.60 | (40) | 2.20 | (40) |
| 2,000–3,999 | | 2.42 | (36) | 2.13 | (38) | 2.38 | (37) | 2.92 | (38) | 1.82 | (38) | 2.14 | (37) |
| 4,000–7,999 | | 2.29 | (24) | 2.30 | (23) | 2.42 | (24) | 2.92 | (24) | 1.79 | (24) | 2.46 | (24) |
| 8,000–14,999 | | 2.48 | (23) | 2.32 | (22) | 2.61 | (23) | 3.00 | (23) | 2.14 | (22) | 2.41 | (22) |
| 15,000+ | | 2.77 | (22) | 1.82 | (22) | 2.68 | (22) | 3.27 | (22) | 1.86 | (22) | 2.36 | (22) |
| All | | 2.43 | (145) | 2.14 | (144) | 2.55 | (146) | 3.03 | (147) | 1.81 | (146) | 2.28 | (145) |
|  |
| \*Responses to question 2.5 were scored as follows: 0=”Not at all a priority”; 1=”Low priority”; 2=”Medium priority”; 3=”High priority”; 4=”Essential priority”. Responses of “Don’t know” were not included in these calculations. | | | | | | | | | | | | | | |

| 2.5 Priorities scores\* (cont) | | g. Data loss prevention system | | h. Mobile device management system | | i. Mobile security for data | | j. Mobile security for devices | | k. Improving end-user experiences | | l. Simplifying end-user experiences | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |  |  |
| AA | | 2.70 | (20) | 1.87 | (23) | 2.35 | (23) | 2.13 | (23) | 2.43 | (23) | 2.73 | (22) |
| BA | | 2.56 | (36) | 2.03 | (35) | 2.80 | (35) | 2.40 | (35) | 2.47 | (36) | 2.67 | (36) |
| MA | | 2.08 | (36) | 1.76 | (37) | 2.49 | (37) | 1.95 | (37) | 2.56 | (36) | 2.58 | (36) |
| DR | | 2.44 | (18) | 2.37 | (19) | 2.84 | (19) | 2.53 | (19) | 2.53 | (19) | 2.53 | (19) |
| Other US | | 2.44 | (18) | 1.82 | (17) | 2.67 | (18) | 2.00 | (17) | 1.89 | (18) | 2.00 | (18) |
| Outside US | | 1.95 | (19) | 2.16 | (19) | 2.11 | (19) | 2.11 | (19) | 2.11 | (19) | 2.32 | (19) |
| All | | 2.35 | (147) | 1.97 | (150) | 2.56 | (151) | 2.18 | (150) | 2.38 | (151) | 2.51 | (150) |
|  |
|  |
| 2.5 Priorities g. Implementing a data loss prevention system | | 2.5 Priorities g. Implementing a data loss prevention system | | 2.5 Priorities h. Implementing a mobile device management system | | 2.5 Priorities i. Implementing/improving mobile security for data | | 2.5 Priorities j. Implementing/improving mobile security for devices | | 2.5 Priorities k. Improving end-user experiences for those who bring their own technology | | 2.5 Priorities l. Simplifying end-user experiences for those who bring their own technology | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |  |  |
| Public | | 2.49 | (69) | 2.01 | (74) | 2.55 | (74) | 2.24 | (74) | 2.39 | (74) | 2.58 | (73) |
| Private | | 2.27 | (70) | 1.90 | (68) | 2.61 | (69) | 2.13 | (68) | 2.41 | (69) | 2.49 | (69) |
| All | | 2.38 | (139) | 1.96 | (142) | 2.58 | (143) | 2.19 | (142) | 2.40 | (143) | 2.54 | (142) |
|  |
|  |
| 2.5 Priorities g. Implementing a data loss prevention system | | 2.5 Priorities g. Implementing a data loss prevention system | | 2.5 Priorities h. Implementing a mobile device management system | | 2.5 Priorities i. Implementing/improving mobile security for data | | 2.5 Priorities j. Implementing/improving mobile security for devices | | 2.5 Priorities k. Improving end-user experiences for those who bring their own technology | | 2.5 Priorities l. Simplifying end-user experiences for those who bring their own technology | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 2.38 | (40) | 2.05 | (39) | 2.75 | (40) | 2.30 | (40) | 2.48 | (40) | 2.45 | (40) |
| 2,000–3,999 | | 2.39 | (38) | 1.84 | (37) | 2.59 | (37) | 2.06 | (36) | 2.50 | (38) | 2.79 | (38) |
| 4,000–7,999 | | 2.39 | (23) | 1.88 | (24) | 2.46 | (24) | 2.13 | (24) | 2.30 | (23) | 2.45 | (22) |
| 8,000–14,999 | | 2.65 | (20) | 2.13 | (23) | 2.39 | (23) | 2.39 | (23) | 2.39 | (23) | 2.43 | (23) |
| 15,000+ | | 2.00 | (21) | 2.09 | (22) | 2.55 | (22) | 2.09 | (22) | 2.32 | (22) | 2.50 | (22) |
| All | | 2.37 | (142) | 1.99 | (145) | 2.58 | (146) | 2.19 | (145) | 2.42 | (146) | 2.54 | (145) |
|  |
| \*Responses to question 2.5 were scored as follows: 0=”Not at all a priority”; 1=”Low priority”; 2=”Medium priority”; 3=”High priority”; 4=”Essential priority”. Responses of “Don’t know” were not included in these calculations. | | | | | | | | | | | | | | |

| 2.5 Priorities scores\* (cont) | | m. User support for faculty-provisioned technologies | | n. User support for staff-provisioned technologies | | o. User support for student-provisioned technologies | | p. Supporting innovative teaching opportunities | | q. Outsourcing support for user-provisioned technologies | | r. Updating infrastructure to support device proliferation | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |  |  |
| AA | | 2.04 | (23) | 2.00 | (23) | 2.13 | (23) | 3.00 | (23) | 1.00 | (21) | 2.91 | (23) |
| BA | | 2.03 | (36) | 1.75 | (36) | 2.25 | (36) | 3.11 | (36) | 1.12 | (33) | 2.89 | (35) |
| MA | | 2.06 | (36) | 1.83 | (35) | 2.33 | (36) | 2.86 | (36) | 0.66 | (35) | 2.72 | (36) |
| DR | | 2.21 | (19) | 2.11 | (19) | 2.37 | (19) | 3.11 | (19) | 0.89 | (18) | 3.19 | (16) |
| Other US | | 1.76 | (17) | 1.53 | (17) | 2.00 | (17) | 3.06 | (18) | 0.94 | (17) | 2.67 | (18) |
| Outside US | | 1.74 | (19) | 1.68 | (19) | 1.84 | (19) | 2.89 | (19) | 0.89 | (19) | 2.84 | (19) |
| All | | 1.99 | (150) | 1.82 | (149) | 2.19 | (150) | 3.00 | (151) | 0.91 | (143) | 2.85 | (147) |
|  |
|  |
| 2.5 Priorities m. Providing more user support for faculty-provisioned technologies | | 2.5 Priorities m. Providing more user support for faculty-provisioned technologies | | 2.5 Priorities n. Providing more user support for staff-provisioned technologies | | 2.5 Priorities o. Providing more user support for student-provisioned technologies | | 2.5 Priorities p. Supporting innovative teaching opportunities | | 2.5 Priorities q. Outsourcing support for user-provisioned technologies | | 2.5 Priorities r. Updating infrastructure to support device proliferation | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |  |  |
| Public | | 2.00 | (74) | 1.85 | (74) | 2.15 | (74) | 3.01 | (74) | 0.83 | (70) | 2.83 | (71) |
| Private | | 2.01 | (68) | 1.79 | (67) | 2.25 | (68) | 3.03 | (69) | 0.98 | (65) | 2.90 | (68) |
| All | | 2.01 | (142) | 1.82 | (141) | 2.20 | (142) | 3.02 | (143) | 0.90 | (135) | 2.86 | (139) |
|  |
|  |
| 2.5 Priorities m. Providing more user support for faculty-provisioned technologies | | 2.5 Priorities m. Providing more user support for faculty-provisioned technologies | | 2.5 Priorities n. Providing more user support for staff-provisioned technologies | | 2.5 Priorities o. Providing more user support for student-provisioned technologies | | 2.5 Priorities p. Supporting innovative teaching opportunities | | 2.5 Priorities q. Outsourcing support for user-provisioned technologies | | 2.5 Priorities r. Updating infrastructure to support device proliferation | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 2.20 | (40) | 1.98 | (40) | 2.45 | (40) | 3.10 | (40) | 1.00 | (38) | 2.80 | (40) |
| 2,000–3,999 | | 1.78 | (37) | 1.57 | (37) | 2.08 | (37) | 3.00 | (38) | 1.00 | (35) | 2.84 | (37) |
| 4,000–7,999 | | 2.04 | (23) | 1.73 | (22) | 2.26 | (23) | 2.96 | (23) | 0.76 | (21) | 2.78 | (23) |
| 8,000–14,999 | | 2.13 | (23) | 2.09 | (23) | 2.13 | (23) | 2.96 | (23) | 0.91 | (23) | 3.04 | (23) |
| 15,000+ | | 1.95 | (22) | 1.86 | (22) | 1.95 | (22) | 2.95 | (22) | 0.86 | (21) | 3.11 | (19) |
| All | | 2.02 | (145) | 1.83 | (144) | 2.20 | (145) | 3.01 | (146) | 0.93 | (138) | 2.89 | (142) |
|  |
| \*Responses to question 2.5 were scored as follows: 0=”Not at all a priority”; 1=”Low priority”; 2=”Medium priority”; 3=”High priority”; 4=”Essential priority”. Responses of “Don’t know” were not included in these calculations. | | | | | | | | | | | | | | |

| 2.6 Deployment scores\* | | a. Securing data | | b. Securing devices | | c. Preventing data loss | | d. Extending enterprise systems | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |
| AA | | 3.32 | (22) | 2.91 | (22) | 3.23 | (22) | 3.48 | (23) |
| BA | | 3.64 | (36) | 3.00 | (36) | 3.11 | (36) | 3.11 | (36) |
| MA | | 3.39 | (36) | 3.08 | (36) | 3.25 | (36) | 3.64 | (36) |
| DR | | 3.95 | (19) | 3.42 | (19) | 3.47 | (19) | 4.05 | (19) |
| Other US | | 3.65 | (17) | 3.47 | (17) | 3.53 | (17) | 3.29 | (17) |
| Outside US | | 3.37 | (19) | 3.63 | (19) | 3.11 | (18) | 3.16 | (19) |
| All | | 3.54 | (149) | 3.19 | (149) | 3.26 | (148) | 3.44 | (150) |
|  |
|  |
| 2.6 Deployment a. Securing data | | 2.6 Deployment a. Securing data | | 2.6 Deployment b. Securing devices | | 2.6 Deployment c. Preventing data loss | | 2.6 Deployment d. Extending enterprise systems for mobile access | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |
| Public | | 3.66 | (73) | 3.30 | (73) | 3.40 | (73) | 3.43 | (74) |
| Private | | 3.37 | (68) | 2.99 | (68) | 3.12 | (68) | 3.44 | (68) |
| All | | 3.52 | (141) | 3.15 | (141) | 3.26 | (141) | 3.44 | (142) |
|  |
|  |
| 2.6 Deployment a. Securing data | | 2.6 Deployment a. Securing data | | 2.6 Deployment b. Securing devices | | 2.6 Deployment c. Preventing data loss | | 2.6 Deployment d. Extending enterprise systems for mobile access | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 3.41 | (39) | 3.10 | (39) | 3.23 | (39) | 3.31 | (39) |
| 2,000–3,999 | | 3.47 | (38) | 3.18 | (38) | 3.13 | (38) | 3.24 | (38) |
| 4,000–7,999 | | 3.48 | (23) | 3.00 | (23) | 3.30 | (23) | 3.57 | (23) |
| 8,000–14,999 | | 3.68 | (22) | 3.32 | (22) | 3.57 | (21) | 3.61 | (23) |
| 15,000+ | | 3.82 | (22) | 3.55 | (22) | 3.09 | (22) | 3.82 | (22) |
| All | | 3.54 | (144) | 3.21 | (144) | 3.24 | (143) | 3.46 | (145) |
|  |
| \*Responses to question 2.6 were scored as follows: 0=”No discussion to date”; 1=”Considered, not pursued”; 2=”Considering”; 3=”In planning”; 4=”Deployed sparsely”; 5=”Deployed broadly”. | | | | | | | | | | |

| 3.1 Overall planning strategy | | No formal strategy | Planning, more than a year | Planning, within a year | Formal strategy, not implemented | Formal strategy, needs updating | Formal strategy, works well | n |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |  |
| AA | | 33.3% | 33.3% | 23.8% | 0.0% | 9.5% | 0.0% | 21 |
| BA | | 27.3% | 30.3% | 24.2% | 0.0% | 15.2% | 3.0% | 33 |
| MA | | 32.4% | 20.6% | 29.4% | 0.0% | 14.7% | 2.9% | 34 |
| DR | | 27.8% | 22.2% | 16.7% | 0.0% | 33.3% | 0.0% | 18 |
| Other US | | 17.6% | 41.2% | 23.5% | 0.0% | 5.9% | 11.8% | 17 |
| Outside US | | 36.8% | 21.1% | 26.3% | 0.0% | 15.8% | 0.0% | 19 |
| All | | 29.6% | 27.5% | 24.6% | 0.0% | 15.5% | 2.8% | 142 |
|  |
|  |
| 3.1 Overall planning strategy for user-provisioned technologies | | No formal strategy | Planning, more than a year | Planning, within a year | Formal strategy, not implemented | Formal strategy, needs updating | Formal strategy, works well | n |
| Control | |  |  |  |  |  |  |  |
| Public | | 26.1% | 33.3% | 23.2% | 0.0% | 14.5% | 2.9% | 69 |
| Private | | 33.8% | 21.5% | 26.2% | 0.0% | 15.4% | 3.1% | 65 |
| All | | 29.9% | 27.6% | 24.6% | 0.0% | 14.9% | 3.0% | 134 |
|  |
|  |
| 3.1 Overall planning strategy for user-provisioned technologies | | No formal strategy | Planning, more than a year | Planning, within a year | Formal strategy, not implemented | Formal strategy, needs updating | Formal strategy, works well | n |
| FTE | |  |  |  |  |  |  |  |
| Less than 2,000 | | 29.7% | 24.3% | 29.7% | 0.0% | 10.8% | 5.4% | 37 |
| 2,000–3,999 | | 32.4% | 29.7% | 21.6% | 0.0% | 10.8% | 5.4% | 37 |
| 4,000–7,999 | | 33.3% | 33.3% | 14.3% | 0.0% | 19.0% | 0.0% | 21 |
| 8,000–14,999 | | 14.3% | 33.3% | 28.6% | 0.0% | 23.8% | 0.0% | 21 |
| 15,000+ | | 38.1% | 14.3% | 28.6% | 0.0% | 19.0% | 0.0% | 21 |
| All | | 29.9% | 27.0% | 24.8% | 0.0% | 15.3% | 2.9% | 137 |
|  |
|  | | | | | | | | | |

| 3.2a. Policies - Permitted devices | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 78.3% | 17.4% | 4.3% | 23 |
| BA | | 46.9% | 40.6% | 12.5% | 32 |
| MA | | 61.1% | 30.6% | 8.3% | 36 |
| DR | | 50.0% | 33.3% | 16.7% | 18 |
| Other US | | 43.8% | 37.5% | 18.8% | 16 |
| Outside US | | 50.0% | 38.9% | 11.1% | 18 |
| All | | 55.9% | 32.9% | 11.2% | 143 |
|  |
|  |
| 3.2 Policies a. Permitted devices | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 66.7% | 27.5% | 5.8% | 69 |
| Private | | 47.0% | 36.4% | 16.7% | 66 |
| All | | 57.0% | 31.9% | 11.1% | 135 |
|  |
|  |
| 3.2 Policies a. Permitted devices | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 37.8% | 51.4% | 10.8% | 37 |
| 2,000–3,999 | | 71.4% | 14.3% | 14.3% | 35 |
| 4,000–7,999 | | 69.6% | 21.7% | 8.7% | 23 |
| 8,000–14,999 | | 45.5% | 40.9% | 13.6% | 22 |
| 15,000+ | | 57.1% | 38.1% | 4.8% | 21 |
| All | | 55.8% | 33.3% | 10.9% | 138 |
|  |
|  | | | | | | |

| 3.2b. Policies - Permitted services | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 50.0% | 45.5% | 4.5% | 22 |
| BA | | 44.1% | 50.0% | 5.9% | 34 |
| MA | | 55.6% | 41.7% | 2.8% | 36 |
| DR | | 55.6% | 33.3% | 11.1% | 18 |
| Other US | | 40.0% | 53.3% | 6.7% | 15 |
| Outside US | | 50.0% | 38.9% | 11.1% | 18 |
| All | | 49.7% | 44.1% | 6.3% | 143 |
|  |
|  |
| 3.2 Policies b. Permitted services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 52.2% | 43.5% | 4.3% | 69 |
| Private | | 45.5% | 47.0% | 7.6% | 66 |
| All | | 48.9% | 45.2% | 5.9% | 135 |
|  |
|  |
| 3.2 Policies b. Permitted services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 40.5% | 54.1% | 5.4% | 37 |
| 2,000–3,999 | | 55.6% | 36.1% | 8.3% | 36 |
| 4,000–7,999 | | 43.5% | 47.8% | 8.7% | 23 |
| 8,000–14,999 | | 47.6% | 47.6% | 4.8% | 21 |
| 15,000+ | | 61.9% | 38.1% | 0.0% | 21 |
| All | | 49.3% | 44.9% | 5.8% | 138 |
|  |
|  | | | | | | |

| 3.2c. Policies - Permitted apps | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 50.0% | 40.9% | 9.1% | 22 |
| BA | | 60.6% | 33.3% | 6.1% | 33 |
| MA | | 55.6% | 38.9% | 5.6% | 36 |
| DR | | 83.3% | 5.6% | 11.1% | 18 |
| Other US | | 56.3% | 31.3% | 12.5% | 16 |
| Outside US | | 61.1% | 33.3% | 5.6% | 18 |
| All | | 60.1% | 32.2% | 7.7% | 143 |
|  |
|  |
| 3.2 Policies c. Permitted apps | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 57.4% | 36.8% | 5.9% | 68 |
| Private | | 62.7% | 26.9% | 10.4% | 67 |
| All | | 60.0% | 31.9% | 8.1% | 135 |
|  |
|  |
| 3.2 Policies c. Permitted apps | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 59.5% | 35.1% | 5.4% | 37 |
| 2,000–3,999 | | 69.4% | 19.4% | 11.1% | 36 |
| 4,000–7,999 | | 45.5% | 40.9% | 13.6% | 22 |
| 8,000–14,999 | | 54.5% | 36.4% | 9.1% | 22 |
| 15,000+ | | 71.4% | 28.6% | 0.0% | 21 |
| All | | 60.9% | 31.2% | 8.0% | 138 |
|  |
|  | | | | | | |

| 3.2d. Policies - Security requirements for services | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 31.8% | 59.1% | 9.1% | 22 |
| BA | | 44.1% | 35.3% | 20.6% | 34 |
| MA | | 52.8% | 38.9% | 8.3% | 36 |
| DR | | 55.6% | 27.8% | 16.7% | 18 |
| Other US | | 33.3% | 33.3% | 33.3% | 15 |
| Outside US | | 27.8% | 50.0% | 22.2% | 18 |
| All | | 42.7% | 40.6% | 16.8% | 143 |
|  |
|  |
| 3.2 Policies d. Security requirements for services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 40.6% | 42.0% | 17.4% | 69 |
| Private | | 47.0% | 36.4% | 16.7% | 66 |
| All | | 43.7% | 39.3% | 17.0% | 135 |
|  |
|  |
| 3.2 Policies d. Security requirements for services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 40.5% | 37.8% | 21.6% | 37 |
| 2,000–3,999 | | 52.8% | 36.1% | 11.1% | 36 |
| 4,000–7,999 | | 34.8% | 52.2% | 13.0% | 23 |
| 8,000–14,999 | | 42.9% | 33.3% | 23.8% | 21 |
| 15,000+ | | 42.9% | 47.6% | 9.5% | 21 |
| All | | 43.5% | 40.6% | 15.9% | 138 |
|  |
|  | | | | | | |

| 3.2e. Policies - Security requirements for devices | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 45.0% | 40.0% | 15.0% | 20 |
| BA | | 50.0% | 35.3% | 14.7% | 34 |
| MA | | 44.4% | 44.4% | 11.1% | 36 |
| DR | | 42.1% | 31.6% | 26.3% | 19 |
| Other US | | 33.3% | 40.0% | 26.7% | 15 |
| Outside US | | 27.8% | 50.0% | 22.2% | 18 |
| All | | 42.3% | 40.1% | 17.6% | 142 |
|  |
|  |
| 3.2 Policies e. Security requirements for devices | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 39.7% | 45.6% | 14.7% | 68 |
| Private | | 47.0% | 33.3% | 19.7% | 66 |
| All | | 43.3% | 39.6% | 17.2% | 134 |
|  |
|  |
| 3.2 Policies e. Security requirements for devices | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 43.2% | 35.1% | 21.6% | 37 |
| 2,000–3,999 | | 52.8% | 38.9% | 8.3% | 36 |
| 4,000–7,999 | | 30.4% | 52.2% | 17.4% | 23 |
| 8,000–14,999 | | 50.0% | 30.0% | 20.0% | 20 |
| 15,000+ | | 33.3% | 47.6% | 19.0% | 21 |
| All | | 43.1% | 40.1% | 16.8% | 137 |
|  |
|  | | | | | | |

| 3.2f. Policies - Security requirements for data | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 18.2% | 72.7% | 9.1% | 22 |
| BA | | 44.1% | 26.5% | 29.4% | 34 |
| MA | | 16.7% | 61.1% | 22.2% | 36 |
| DR | | 17.6% | 47.1% | 35.3% | 17 |
| Other US | | 13.3% | 46.7% | 40.0% | 15 |
| Outside US | | 27.8% | 44.4% | 27.8% | 18 |
| All | | 24.6% | 49.3% | 26.1% | 142 |
|  |
|  |
| 3.2 Policies f. Security requirements for data | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 18.8% | 55.1% | 26.1% | 69 |
| Private | | 33.8% | 41.5% | 24.6% | 65 |
| All | | 26.1% | 48.5% | 25.4% | 134 |
|  |
|  |
| 3.2 Policies f. Security requirements for data | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 32.4% | 37.8% | 29.7% | 37 |
| 2,000–3,999 | | 38.9% | 44.4% | 16.7% | 36 |
| 4,000–7,999 | | 8.7% | 69.6% | 21.7% | 23 |
| 8,000–14,999 | | 25.0% | 45.0% | 30.0% | 20 |
| 15,000+ | | 9.5% | 66.7% | 23.8% | 21 |
| All | | 25.5% | 50.4% | 24.1% | 137 |
|  |
|  | | | | | | |

| 3.2g. Policies - Scope of support services | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 33.3% | 42.9% | 23.8% | 21 |
| BA | | 45.2% | 35.5% | 19.4% | 31 |
| MA | | 38.9% | 36.1% | 25.0% | 36 |
| DR | | 44.4% | 38.9% | 16.7% | 18 |
| Other US | | 31.3% | 50.0% | 18.8% | 16 |
| Outside US | | 44.4% | 38.9% | 16.7% | 18 |
| All | | 40.0% | 39.3% | 20.7% | 140 |
|  |
|  |
| 3.2 Policies g. Scope of support services provided by institution | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 37.3% | 46.3% | 16.4% | 67 |
| Private | | 41.5% | 32.3% | 26.2% | 65 |
| All | | 39.4% | 39.4% | 21.2% | 132 |
|  |
|  |
| 3.2 Policies g. Scope of support services provided by institution | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 40.5% | 35.1% | 24.3% | 37 |
| 2,000–3,999 | | 35.3% | 41.2% | 23.5% | 34 |
| 4,000–7,999 | | 39.1% | 30.4% | 30.4% | 23 |
| 8,000–14,999 | | 45.0% | 40.0% | 15.0% | 20 |
| 15,000+ | | 47.6% | 47.6% | 4.8% | 21 |
| All | | 40.7% | 38.5% | 20.7% | 135 |
|  |
|  | | | | | | |

| 3.2h. Policies - Ownership of programs, services or apps | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 63.6% | 13.6% | 22.7% | 22 |
| BA | | 48.4% | 45.2% | 6.5% | 31 |
| MA | | 57.1% | 22.9% | 20.0% | 35 |
| DR | | 63.2% | 21.1% | 15.8% | 19 |
| Other US | | 62.5% | 25.0% | 12.5% | 16 |
| Outside US | | 55.6% | 22.2% | 22.2% | 18 |
| All | | 57.4% | 26.2% | 16.3% | 141 |
|  |
|  |
| 3.2 Policies h. Ownership of programs on user-provisioned technology | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 61.8% | 20.6% | 17.6% | 68 |
| Private | | 52.3% | 32.3% | 15.4% | 65 |
| All | | 57.1% | 26.3% | 16.5% | 133 |
|  |
|  |
| 3.2 Policies h. Ownership of programs on user-provisioned technology | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 48.6% | 37.8% | 13.5% | 37 |
| 2,000–3,999 | | 58.8% | 26.5% | 14.7% | 34 |
| 4,000–7,999 | | 52.2% | 21.7% | 26.1% | 23 |
| 8,000–14,999 | | 71.4% | 9.5% | 19.0% | 21 |
| 15,000+ | | 61.9% | 28.6% | 9.5% | 21 |
| All | | 57.4% | 26.5% | 16.2% | 136 |
|  |
|  | | | | | | |

| 3.2i. Policies - Options for reimbursement | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 59.1% | 18.2% | 22.7% | 22 |
| BA | | 51.5% | 18.2% | 30.3% | 33 |
| MA | | 29.4% | 26.5% | 44.1% | 34 |
| DR | | 50.0% | 27.8% | 22.2% | 18 |
| Other US | | 62.5% | 18.8% | 18.8% | 16 |
| Outside US | | 72.2% | 16.7% | 11.1% | 18 |
| All | | 51.1% | 21.3% | 27.7% | 141 |
|  |
|  |
| 3.2 Policies i. Options for reimbursement | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 55.2% | 19.4% | 25.4% | 67 |
| Private | | 43.9% | 24.2% | 31.8% | 66 |
| All | | 49.6% | 21.8% | 28.6% | 133 |
|  |
|  |
| 3.2 Policies i. Options for reimbursement | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 57.9% | 13.2% | 28.9% | 38 |
| 2,000–3,999 | | 37.1% | 31.4% | 31.4% | 35 |
| 4,000–7,999 | | 36.4% | 40.9% | 22.7% | 22 |
| 8,000–14,999 | | 61.9% | 4.8% | 33.3% | 21 |
| 15,000+ | | 55.0% | 20.0% | 25.0% | 20 |
| All | | 49.3% | 22.1% | 28.7% | 136 |
|  |
|  | | | | | | |

| 3.2j. Policies - Employee privacy expectations | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 30.4% | 47.8% | 21.7% | 23 |
| BA | | 13.3% | 73.3% | 13.3% | 30 |
| MA | | 27.8% | 47.2% | 25.0% | 36 |
| DR | | 10.5% | 63.2% | 26.3% | 19 |
| Other US | | 7.1% | 64.3% | 28.6% | 14 |
| Outside US | | 27.8% | 50.0% | 22.2% | 18 |
| All | | 20.7% | 57.1% | 22.1% | 140 |
|  |
|  |
| 3.2 Policies j. Employee privacy expectations | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 24.3% | 51.4% | 24.3% | 70 |
| Private | | 16.1% | 64.5% | 19.4% | 62 |
| All | | 20.5% | 57.6% | 22.0% | 132 |
|  |
|  |
| 3.2 Policies j. Employee privacy expectations | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 13.9% | 66.7% | 19.4% | 36 |
| 2,000–3,999 | | 25.0% | 56.3% | 18.8% | 32 |
| 4,000–7,999 | | 8.7% | 73.9% | 17.4% | 23 |
| 8,000–14,999 | | 27.3% | 45.5% | 27.3% | 22 |
| 15,000+ | | 27.3% | 50.0% | 22.7% | 22 |
| All | | 20.0% | 59.3% | 20.7% | 135 |
|  |
|  | | | | | | |

| 3.2k. Policies - E-discovery rules on devices or services | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 61.9% | 33.3% | 4.8% | 21 |
| BA | | 40.6% | 53.1% | 6.3% | 32 |
| MA | | 54.3% | 40.0% | 5.7% | 35 |
| DR | | 42.1% | 42.1% | 15.8% | 19 |
| Other US | | 42.9% | 50.0% | 7.1% | 14 |
| Outside US | | 77.8% | 22.2% | 0.0% | 18 |
| All | | 52.5% | 41.0% | 6.5% | 139 |
|  |
|  |
| 3.2 Policies k. E-discovery rules on devices or services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 50.0% | 44.1% | 5.9% | 68 |
| Private | | 50.8% | 41.3% | 7.9% | 63 |
| All | | 50.4% | 42.7% | 6.9% | 131 |
|  |
|  |
| 3.2 Policies k. E-discovery rules on devices or services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 47.2% | 44.4% | 8.3% | 36 |
| 2,000–3,999 | | 61.8% | 35.3% | 2.9% | 34 |
| 4,000–7,999 | | 38.1% | 57.1% | 4.8% | 21 |
| 8,000–14,999 | | 52.4% | 38.1% | 9.5% | 21 |
| 15,000+ | | 54.5% | 36.4% | 9.1% | 22 |
| All | | 51.5% | 41.8% | 6.7% | 134 |
|  |
|  | | | | | | |

| 3.2l. Policies - Limitations of liability for devices or services | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 72.7% | 27.3% | 0.0% | 22 |
| BA | | 76.7% | 23.3% | 0.0% | 30 |
| MA | | 69.7% | 24.2% | 6.1% | 33 |
| DR | | 64.7% | 29.4% | 5.9% | 17 |
| Other US | | 50.0% | 37.5% | 12.5% | 16 |
| Outside US | | 66.7% | 27.8% | 5.6% | 18 |
| All | | 68.4% | 27.2% | 4.4% | 136 |
|  |
|  |
| 3.2 Policies l. Limitations of liability for devices or services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 69.2% | 27.7% | 3.1% | 65 |
| Private | | 66.7% | 28.6% | 4.8% | 63 |
| All | | 68.0% | 28.1% | 3.9% | 128 |
|  |
|  |
| 3.2 Policies l. Limitations of liability for devices or services | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 63.9% | 27.8% | 8.3% | 36 |
| 2,000–3,999 | | 78.8% | 21.2% | 0.0% | 33 |
| 4,000–7,999 | | 52.2% | 43.5% | 4.3% | 23 |
| 8,000–14,999 | | 77.8% | 16.7% | 5.6% | 18 |
| 15,000+ | | 71.4% | 28.6% | 0.0% | 21 |
| All | | 68.7% | 27.5% | 3.8% | 131 |
|  |
|  | | | | | | |

| 3.2m. Policies - Integrated acceptable use policy | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 4.5% | 50.0% | 45.5% | 22 |
| BA | | 8.8% | 52.9% | 38.2% | 34 |
| MA | | 17.1% | 54.3% | 28.6% | 35 |
| DR | | 5.3% | 42.1% | 52.6% | 19 |
| Other US | | 6.3% | 43.8% | 50.0% | 16 |
| Outside US | | 22.2% | 38.9% | 38.9% | 18 |
| All | | 11.1% | 48.6% | 40.3% | 144 |
|  |
|  |
| 3.2 Policies m. Integrated acceptable use policy | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 8.7% | 49.3% | 42.0% | 69 |
| Private | | 10.4% | 49.3% | 40.3% | 67 |
| All | | 9.6% | 49.3% | 41.2% | 136 |
|  |
|  |
| 3.2 Policies m. Integrated acceptable use policy | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 10.5% | 63.2% | 26.3% | 38 |
| 2,000–3,999 | | 8.3% | 52.8% | 38.9% | 36 |
| 4,000–7,999 | | 0.0% | 52.2% | 47.8% | 23 |
| 8,000–14,999 | | 20.0% | 40.0% | 40.0% | 20 |
| 15,000+ | | 13.6% | 27.3% | 59.1% | 22 |
| All | | 10.1% | 49.6% | 40.3% | 139 |
|  |
|  | | | | | | |

| 3.2n. Policies - Employee exit strategy | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 45.5% | 36.4% | 18.2% | 22 |
| BA | | 63.6% | 27.3% | 9.1% | 33 |
| MA | | 45.5% | 42.4% | 12.1% | 33 |
| DR | | 42.1% | 36.8% | 21.1% | 19 |
| Other US | | 18.8% | 68.8% | 12.5% | 16 |
| Outside US | | 38.9% | 38.9% | 22.2% | 18 |
| All | | 45.4% | 39.7% | 14.9% | 141 |
|  |
|  |
| 3.2 Policies n. Employee exit strategy | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 41.2% | 47.1% | 11.8% | 68 |
| Private | | 52.3% | 30.8% | 16.9% | 65 |
| All | | 46.6% | 39.1% | 14.3% | 133 |
|  |
|  |
| 3.2 Policies n. Employee exit strategy | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 51.4% | 37.8% | 10.8% | 37 |
| 2,000–3,999 | | 54.3% | 34.3% | 11.4% | 35 |
| 4,000–7,999 | | 34.8% | 52.2% | 13.0% | 23 |
| 8,000–14,999 | | 35.0% | 35.0% | 30.0% | 20 |
| 15,000+ | | 42.9% | 42.9% | 14.3% | 21 |
| All | | 45.6% | 39.7% | 14.7% | 136 |
|  |
|  | | | | | | |

| 3.2o. Policies - Accessibility issues addressed | | No policy | Integrated into another policy | Dedicated policy | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 40.9% | 50.0% | 9.1% | 22 |
| BA | | 58.6% | 37.9% | 3.4% | 29 |
| MA | | 45.2% | 41.9% | 12.9% | 31 |
| DR | | 52.6% | 36.8% | 10.5% | 19 |
| Other US | | 57.1% | 35.7% | 7.1% | 14 |
| Outside US | | 70.6% | 23.5% | 5.9% | 17 |
| All | | 53.0% | 38.6% | 8.3% | 132 |
|  |
|  |
| 3.2 Policies o. Accessibility issues addressed | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| Control | |  |  |  |  |
| Public | | 40.6% | 50.0% | 9.4% | 64 |
| Private | | 65.0% | 28.3% | 6.7% | 60 |
| All | | 52.4% | 39.5% | 8.1% | 124 |
|  |
|  |
| 3.2 Policies o. Accessibility issues addressed | | No policy | Integrated into another policy | Addressed in a dedicated policy | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 67.6% | 29.4% | 2.9% | 34 |
| 2,000–3,999 | | 51.6% | 45.2% | 3.2% | 31 |
| 4,000–7,999 | | 36.4% | 54.5% | 9.1% | 22 |
| 8,000–14,999 | | 44.4% | 27.8% | 27.8% | 18 |
| 15,000+ | | 54.5% | 40.9% | 4.5% | 22 |
| All | | 52.8% | 39.4% | 7.9% | 127 |
|  |
|  | | | | | | |

| 4.1 Faculty and staff allowances | | No | Yes, plan to continue. | Yes, plan to discontinue. | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 65.2% | 34.8% | 0.0% | 23 |
| BA | | 52.9% | 44.1% | 2.9% | 34 |
| MA | | 54.3% | 45.7% | 0.0% | 35 |
| DR | | 57.9% | 42.1% | 0.0% | 19 |
| Other US | | 50.0% | 50.0% | 0.0% | 16 |
| Outside US | | 94.7% | 5.3% | 0.0% | 19 |
| All | | 61.0% | 38.4% | 0.7% | 146 |
|  |
|  |
| 4.1 Faculty and staff allowances to purchase user-provisioned technology | | No | Yes, plan to continue. | Yes, plan to discontinue. | n |
| Control | |  |  |  |  |
| Public | | 64.8% | 35.2% | 0.0% | 71 |
| Private | | 52.2% | 46.3% | 1.5% | 67 |
| All | | 58.7% | 40.6% | 0.7% | 138 |
|  |
|  |
| 4.1 Faculty and staff allowances to purchase user-provisioned technology | | No | Yes, plan to continue. | Yes, plan to discontinue. | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 65.8% | 31.6% | 2.6% | 38 |
| 2,000–3,999 | | 42.9% | 57.1% | 0.0% | 35 |
| 4,000–7,999 | | 69.6% | 30.4% | 0.0% | 23 |
| 8,000–14,999 | | 65.2% | 34.8% | 0.0% | 23 |
| 15,000+ | | 59.1% | 40.9% | 0.0% | 22 |
| All | | 59.6% | 39.7% | 0.7% | 141 |
|  |
|  | | | | | | |

| 4.3 Unit responsible for institutional strategies | | Primarily central IT | Shared: central IT/other | Primarily other unit(s) | Primarily system | Primarily outsourced | N/A | n |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |  |
| AA | | 65.2% | 30.4% | 0.0% | 0.0% | 0.0% | 4.3% | 23 |
| BA | | 61.8% | 29.4% | 0.0% | 0.0% | 2.9% | 5.9% | 34 |
| MA | | 63.9% | 36.1% | 0.0% | 0.0% | 0.0% | 0.0% | 36 |
| DR | | 36.8% | 52.6% | 0.0% | 0.0% | 0.0% | 10.5% | 19 |
| Other US | | 68.8% | 31.3% | 0.0% | 0.0% | 0.0% | 0.0% | 16 |
| Outside US | | 78.9% | 10.5% | 5.3% | 0.0% | 0.0% | 5.3% | 19 |
| All | | 62.6% | 32.0% | 0.7% | 0.0% | 0.7% | 4.1% | 147 |
|  |
|  |
| 4.3 Unit responsible for institutional strategies for user-provisioned technology | | Primarily central IT | Shared: central IT/other | Primarily other unit(s) | Primarily system | Primarily outsourced | N/A | n |
| Control | |  |  |  |  |  |  |  |
| Public | | 56.9% | 37.5% | 1.4% | 0.0% | 0.0% | 4.2% | 72 |
| Private | | 67.2% | 28.4% | 0.0% | 0.0% | 1.5% | 3.0% | 67 |
| All | | 61.9% | 33.1% | 0.7% | 0.0% | 0.7% | 3.6% | 139 |
|  |
|  |
| 4.3 Unit responsible for institutional strategies for user-provisioned technology | | Primarily central IT | Shared: central IT/other | Primarily other unit(s) | Primarily system | Primarily outsourced | N/A | n |
| FTE | |  |  |  |  |  |  |  |
| Less than 2,000 | | 60.5% | 31.6% | 0.0% | 0.0% | 2.6% | 5.3% | 38 |
| 2,000–3,999 | | 77.8% | 22.2% | 0.0% | 0.0% | 0.0% | 0.0% | 36 |
| 4,000–7,999 | | 60.9% | 39.1% | 0.0% | 0.0% | 0.0% | 0.0% | 23 |
| 8,000–14,999 | | 43.5% | 47.8% | 0.0% | 0.0% | 0.0% | 8.7% | 23 |
| 15,000+ | | 68.2% | 22.7% | 4.5% | 0.0% | 0.0% | 4.5% | 22 |
| All | | 63.4% | 31.7% | 0.7% | 0.0% | 0.7% | 3.5% | 142 |
|  |
|  | | | | | | | | | |

| 4.4a. Financial impact/past - Institutionally provisioned devices | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 4.8% | 66.7% | 28.6% | 0.0% | 21 |
| BA | | 6.3% | 12.5% | 50.0% | 21.9% | 9.4% | 32 |
| MA | | 11.8% | 8.8% | 50.0% | 23.5% | 5.9% | 34 |
| DR | | 11.1% | 16.7% | 50.0% | 11.1% | 11.1% | 18 |
| Other US | | 0.0% | 0.0% | 40.0% | 53.3% | 6.7% | 15 |
| Outside US | | 6.3% | 6.3% | 68.8% | 18.8% | 0.0% | 16 |
| All | | 6.6% | 8.8% | 53.7% | 25.0% | 5.9% | 136 |
|  |
|  |
| 4.4 Financial impact/past a. Institutionally provisioned devices | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 7.6% | 9.1% | 57.6% | 24.2% | 1.5% | 66 |
| Private | | 6.2% | 9.2% | 47.7% | 26.2% | 10.8% | 65 |
| All | | 6.9% | 9.2% | 52.7% | 25.2% | 6.1% | 131 |
|  |
|  |
| 4.4 Financial impact/past a. Institutionally provisioned devices | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 5.4% | 10.8% | 37.8% | 40.5% | 5.4% | 37 |
| 2,000–3,999 | | 6.1% | 6.1% | 63.6% | 15.2% | 9.1% | 33 |
| 4,000–7,999 | | 0.0% | 0.0% | 65.2% | 30.4% | 4.3% | 23 |
| 8,000–14,999 | | 14.3% | 23.8% | 57.1% | 0.0% | 4.8% | 21 |
| 15,000+ | | 11.1% | 5.6% | 50.0% | 27.8% | 5.6% | 18 |
| All | | 6.8% | 9.1% | 53.8% | 24.2% | 6.1% | 132 |
|  |
|  | | | | | | | | |

| 4.4b. Financial impact/past - Institutionally provisioned services | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 66.7% | 33.3% | 0.0% | 21 |
| BA | | 3.2% | 6.5% | 41.9% | 41.9% | 6.5% | 31 |
| MA | | 3.0% | 6.1% | 51.5% | 27.3% | 12.1% | 33 |
| DR | | 0.0% | 0.0% | 40.0% | 53.3% | 6.7% | 15 |
| Other US | | 0.0% | 6.7% | 40.0% | 46.7% | 6.7% | 15 |
| Outside US | | 6.3% | 6.3% | 56.3% | 31.3% | 0.0% | 16 |
| All | | 2.3% | 4.6% | 49.6% | 37.4% | 6.1% | 131 |
|  |
|  |
| 4.4 Financial impact/past b. Institutionally provisioned services | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 3.2% | 4.8% | 58.1% | 30.6% | 3.2% | 62 |
| Private | | 1.6% | 4.7% | 40.6% | 43.8% | 9.4% | 64 |
| All | | 2.4% | 4.8% | 49.2% | 37.3% | 6.3% | 126 |
|  |
|  |
| 4.4 Financial impact/past b. Institutionally provisioned services | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 5.3% | 7.9% | 44.7% | 39.5% | 2.6% | 38 |
| 2,000–3,999 | | 0.0% | 3.2% | 51.6% | 35.5% | 9.7% | 31 |
| 4,000–7,999 | | 0.0% | 0.0% | 52.2% | 39.1% | 8.7% | 23 |
| 8,000–14,999 | | 5.0% | 10.0% | 55.0% | 20.0% | 10.0% | 20 |
| 15,000+ | | 0.0% | 0.0% | 53.3% | 46.7% | 0.0% | 15 |
| All | | 2.4% | 4.7% | 50.4% | 36.2% | 6.3% | 127 |
|  |
|  | | | | | | | | |

| 4.4c. Financial impact/past - IT infrastructure | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 14.3% | 66.7% | 19.0% | 21 |
| BA | | 0.0% | 0.0% | 21.9% | 46.9% | 31.3% | 32 |
| MA | | 2.9% | 2.9% | 17.6% | 44.1% | 32.4% | 34 |
| DR | | 0.0% | 0.0% | 17.6% | 47.1% | 35.3% | 17 |
| Other US | | 0.0% | 0.0% | 28.6% | 42.9% | 28.6% | 14 |
| Outside US | | 0.0% | 5.9% | 29.4% | 52.9% | 11.8% | 17 |
| All | | 0.7% | 1.5% | 20.7% | 49.6% | 27.4% | 135 |
|  |
|  |
| 4.4 Financial impact/past c. IT infrastructure that supports user-provisioned technology | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 1.5% | 3.1% | 18.5% | 50.8% | 26.2% | 65 |
| Private | | 0.0% | 0.0% | 23.4% | 46.9% | 29.7% | 64 |
| All | | 0.8% | 1.6% | 20.9% | 48.8% | 27.9% | 129 |
|  |
|  |
| 4.4 Financial impact/past c. IT infrastructure that supports user-provisioned technology | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 0.0% | 29.7% | 40.5% | 29.7% | 37 |
| 2,000–3,999 | | 0.0% | 3.0% | 18.2% | 51.5% | 27.3% | 33 |
| 4,000–7,999 | | 0.0% | 0.0% | 27.3% | 59.1% | 13.6% | 22 |
| 8,000–14,999 | | 4.8% | 4.8% | 14.3% | 47.6% | 28.6% | 21 |
| 15,000+ | | 0.0% | 0.0% | 11.1% | 50.0% | 38.9% | 18 |
| All | | 0.8% | 1.5% | 21.4% | 48.9% | 27.5% | 131 |
|  |
|  | | | | | | | | |

| 4.4d. Financial impact/past - IT support services | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 4.8% | 28.6% | 66.7% | 0.0% | 21 |
| BA | | 0.0% | 3.0% | 42.4% | 45.5% | 9.1% | 33 |
| MA | | 0.0% | 0.0% | 40.0% | 42.9% | 17.1% | 35 |
| DR | | 0.0% | 0.0% | 17.6% | 64.7% | 17.6% | 17 |
| Other US | | 0.0% | 0.0% | 33.3% | 60.0% | 6.7% | 15 |
| Outside US | | 0.0% | 0.0% | 29.4% | 70.6% | 0.0% | 17 |
| All | | 0.0% | 1.4% | 34.1% | 55.1% | 9.4% | 138 |
|  |
|  |
| 4.4 Financial impact/past d. IT support services to support user-provisioned technology | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 3.0% | 35.8% | 55.2% | 6.0% | 67 |
| Private | | 0.0% | 0.0% | 33.8% | 52.3% | 13.8% | 65 |
| All | | 0.0% | 1.5% | 34.8% | 53.8% | 9.8% | 132 |
|  |
|  |
| 4.4 Financial impact/past d. IT support services to support user-provisioned technology | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 0.0% | 39.5% | 52.6% | 7.9% | 38 |
| 2,000–3,999 | | 0.0% | 2.9% | 41.2% | 47.1% | 8.8% | 34 |
| 4,000–7,999 | | 0.0% | 4.3% | 26.1% | 60.9% | 8.7% | 23 |
| 8,000–14,999 | | 0.0% | 0.0% | 38.1% | 42.9% | 19.0% | 21 |
| 15,000+ | | 0.0% | 0.0% | 22.2% | 72.2% | 5.6% | 18 |
| All | | 0.0% | 1.5% | 35.1% | 53.7% | 9.7% | 134 |
|  |
|  | | | | | | | | |

| 4.4e. Financial impact/past- Data and security breaches | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 72.2% | 22.2% | 5.6% | 18 |
| BA | | 0.0% | 3.3% | 86.7% | 6.7% | 3.3% | 30 |
| MA | | 0.0% | 0.0% | 80.6% | 16.1% | 3.2% | 31 |
| DR | | 0.0% | 0.0% | 61.1% | 33.3% | 5.6% | 18 |
| Other US | | 14.3% | 0.0% | 64.3% | 14.3% | 7.1% | 14 |
| Outside US | | 0.0% | 0.0% | 73.3% | 20.0% | 6.7% | 15 |
| All | | 1.6% | 0.8% | 75.4% | 17.5% | 4.8% | 126 |
|  |
|  |
| 4.4 Financial impact/past e. Data and security breaches | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 1.6% | 75.4% | 18.0% | 4.9% | 61 |
| Private | | 3.4% | 0.0% | 72.9% | 18.6% | 5.1% | 59 |
| All | | 1.7% | 0.8% | 74.2% | 18.3% | 5.0% | 120 |
|  |
|  |
| 4.4 Financial impact/past e. Data and security breaches | | Costs have declined substantially | Costs have declined somewhat | Costs have stayed about the same | Costs have increased somewhat | Costs have increased substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 0.0% | 82.9% | 14.3% | 2.9% | 35 |
| 2,000–3,999 | | 3.4% | 3.4% | 72.4% | 17.2% | 3.4% | 29 |
| 4,000–7,999 | | 4.5% | 0.0% | 63.6% | 22.7% | 9.1% | 22 |
| 8,000–14,999 | | 0.0% | 0.0% | 72.2% | 16.7% | 11.1% | 18 |
| 15,000+ | | 0.0% | 0.0% | 83.3% | 16.7% | 0.0% | 18 |
| All | | 1.6% | 0.8% | 75.4% | 17.2% | 4.9% | 122 |
|  |
|  | | | | | | | | |

| 4.5a. Financial impact/future - Institutionally provisioned devices | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 19.0% | 42.9% | 33.3% | 4.8% | 21 |
| BA | | 0.0% | 21.2% | 39.4% | 24.2% | 15.2% | 33 |
| MA | | 5.9% | 11.8% | 61.8% | 17.6% | 2.9% | 34 |
| DR | | 11.1% | 33.3% | 38.9% | 11.1% | 5.6% | 18 |
| Other US | | 0.0% | 33.3% | 20.0% | 40.0% | 6.7% | 15 |
| Outside US | | 5.9% | 23.5% | 41.2% | 23.5% | 5.9% | 17 |
| All | | 3.6% | 21.7% | 43.5% | 23.9% | 7.2% | 138 |
|  |
|  |
| 4.5 Financial impact/future a. Institutionally provisioned devices | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 3.0% | 20.9% | 53.7% | 22.4% | 0.0% | 67 |
| Private | | 4.6% | 21.5% | 33.8% | 26.2% | 13.8% | 65 |
| All | | 3.8% | 21.2% | 43.9% | 24.2% | 6.8% | 132 |
|  |
|  |
| 4.5 Financial impact/future a. Institutionally provisioned devices | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 23.7% | 34.2% | 31.6% | 10.5% | 38 |
| 2,000–3,999 | | 2.9% | 26.5% | 38.2% | 23.5% | 8.8% | 34 |
| 4,000–7,999 | | 0.0% | 17.4% | 43.5% | 34.8% | 4.3% | 23 |
| 8,000–14,999 | | 15.0% | 20.0% | 55.0% | 5.0% | 5.0% | 20 |
| 15,000+ | | 5.3% | 15.8% | 63.2% | 15.8% | 0.0% | 19 |
| All | | 3.7% | 21.6% | 44.0% | 23.9% | 6.7% | 134 |
|  |
|  | | | | | | | | |

| 4.5b. Financial impact/future - Institutionally provisioned services | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 23.8% | 76.2% | 0.0% | 21 |
| BA | | 0.0% | 9.1% | 24.2% | 51.5% | 15.2% | 33 |
| MA | | 0.0% | 8.8% | 52.9% | 35.3% | 2.9% | 34 |
| DR | | 0.0% | 5.6% | 33.3% | 50.0% | 11.1% | 18 |
| Other US | | 6.7% | 0.0% | 33.3% | 53.3% | 6.7% | 15 |
| Outside US | | 0.0% | 11.8% | 29.4% | 47.1% | 11.8% | 17 |
| All | | 0.7% | 6.5% | 34.1% | 50.7% | 8.0% | 138 |
|  |
|  |
| 4.5 Financial impact/future b. Institutionally provisioned services | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 7.5% | 38.8% | 50.7% | 3.0% | 67 |
| Private | | 1.5% | 6.2% | 30.8% | 49.2% | 12.3% | 65 |
| All | | 0.8% | 6.8% | 34.8% | 50.0% | 7.6% | 132 |
|  |
|  |
| 4.5 Financial impact/future b. Institutionally provisioned services | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 2.6% | 5.3% | 34.2% | 50.0% | 7.9% | 38 |
| 2,000–3,999 | | 0.0% | 5.9% | 38.2% | 47.1% | 8.8% | 34 |
| 4,000–7,999 | | 0.0% | 4.3% | 26.1% | 65.2% | 4.3% | 23 |
| 8,000–14,999 | | 0.0% | 20.0% | 35.0% | 40.0% | 5.0% | 20 |
| 15,000+ | | 0.0% | 0.0% | 36.8% | 52.6% | 10.5% | 19 |
| All | | 0.7% | 6.7% | 34.3% | 50.7% | 7.5% | 134 |
|  |
|  | | | | | | | | |

| 4.5c. Financial impact/future - IT infrastructure | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 4.8% | 85.7% | 9.5% | 21 |
| BA | | 0.0% | 3.0% | 12.1% | 54.5% | 30.3% | 33 |
| MA | | 0.0% | 0.0% | 18.2% | 48.5% | 33.3% | 33 |
| DR | | 0.0% | 0.0% | 29.4% | 47.1% | 23.5% | 17 |
| Other US | | 0.0% | 6.7% | 13.3% | 60.0% | 20.0% | 15 |
| Outside US | | 0.0% | 5.9% | 5.9% | 70.6% | 17.6% | 17 |
| All | | 0.0% | 2.2% | 14.0% | 59.6% | 24.3% | 136 |
|  |
|  |
| 4.5 Financial impact/future c. IT infrastructure that supports user-provisioned technology | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 3.1% | 10.8% | 63.1% | 23.1% | 65 |
| Private | | 0.0% | 1.5% | 18.5% | 53.8% | 26.2% | 65 |
| All | | 0.0% | 2.3% | 14.6% | 58.5% | 24.6% | 130 |
|  |
|  |
| 4.5 Financial impact/future c. IT infrastructure that supports user-provisioned technology | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 2.6% | 13.2% | 57.9% | 26.3% | 38 |
| 2,000–3,999 | | 0.0% | 0.0% | 17.6% | 64.7% | 17.6% | 34 |
| 4,000–7,999 | | 0.0% | 0.0% | 8.7% | 73.9% | 17.4% | 23 |
| 8,000–14,999 | | 0.0% | 5.0% | 20.0% | 40.0% | 35.0% | 20 |
| 15,000+ | | 0.0% | 0.0% | 11.8% | 58.8% | 29.4% | 17 |
| All | | 0.0% | 1.5% | 14.4% | 59.8% | 24.2% | 132 |
|  |
|  | | | | | | | | |

| 4.5d. Financial impact/future - IT support services | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 19.0% | 81.0% | 0.0% | 21 |
| BA | | 3.0% | 0.0% | 30.3% | 54.5% | 12.1% | 33 |
| MA | | 0.0% | 0.0% | 18.8% | 56.3% | 25.0% | 32 |
| DR | | 0.0% | 0.0% | 33.3% | 50.0% | 16.7% | 18 |
| Other US | | 0.0% | 0.0% | 33.3% | 53.3% | 13.3% | 15 |
| Outside US | | 5.9% | 0.0% | 17.6% | 52.9% | 23.5% | 17 |
| All | | 1.5% | 0.0% | 25.0% | 58.1% | 15.4% | 136 |
|  |
|  |
| 4.5 Financial impact/future d. IT support services to support user-provisioned technology | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 1.5% | 0.0% | 26.2% | 58.5% | 13.8% | 65 |
| Private | | 1.5% | 0.0% | 23.1% | 58.5% | 16.9% | 65 |
| All | | 1.5% | 0.0% | 24.6% | 58.5% | 15.4% | 130 |
|  |
|  |
| 4.5 Financial impact/future d. IT support services to support user-provisioned technology | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 2.6% | 0.0% | 28.9% | 55.3% | 13.2% | 38 |
| 2,000–3,999 | | 0.0% | 0.0% | 26.5% | 61.8% | 11.8% | 34 |
| 4,000–7,999 | | 0.0% | 0.0% | 17.4% | 73.9% | 8.7% | 23 |
| 8,000–14,999 | | 5.3% | 0.0% | 26.3% | 36.8% | 31.6% | 19 |
| 15,000+ | | 0.0% | 0.0% | 27.8% | 55.6% | 16.7% | 18 |
| All | | 1.5% | 0.0% | 25.8% | 57.6% | 15.2% | 132 |
|  |
|  | | | | | | | | |

| 4.5e. Financial impact/future - Data and security breaches | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 0.0% | 41.2% | 52.9% | 5.9% | 17 |
| BA | | 0.0% | 3.6% | 53.6% | 32.1% | 10.7% | 28 |
| MA | | 0.0% | 0.0% | 35.5% | 51.6% | 12.9% | 31 |
| DR | | 0.0% | 11.1% | 44.4% | 33.3% | 11.1% | 18 |
| Other US | | 6.7% | 0.0% | 20.0% | 66.7% | 6.7% | 15 |
| Outside US | | 0.0% | 6.3% | 50.0% | 43.8% | 0.0% | 16 |
| All | | 0.8% | 3.2% | 41.6% | 45.6% | 8.8% | 125 |
|  |
|  |
| 4.5 Financial impact/future e. Data and security breaches | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 6.7% | 43.3% | 46.7% | 3.3% | 60 |
| Private | | 1.7% | 0.0% | 39.0% | 44.1% | 15.3% | 59 |
| All | | 0.8% | 3.4% | 41.2% | 45.4% | 9.2% | 119 |
|  |
|  |
| 4.5 Financial impact/future e. Data and security breaches | | Costs will decline substantially | Costs will decline somewhat | Costs will stay about the same | Costs will increase somewhat | Costs will increase substantially | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 0.0% | 45.7% | 40.0% | 14.3% | 35 |
| 2,000–3,999 | | 0.0% | 3.3% | 40.0% | 50.0% | 6.7% | 30 |
| 4,000–7,999 | | 4.5% | 0.0% | 27.3% | 59.1% | 9.1% | 22 |
| 8,000–14,999 | | 0.0% | 0.0% | 52.6% | 42.1% | 5.3% | 19 |
| 15,000+ | | 0.0% | 20.0% | 46.7% | 26.7% | 6.7% | 15 |
| All | | 0.8% | 3.3% | 42.1% | 44.6% | 9.1% | 121 |
|  |
|  | | | | | | | | |

| 4.6 Does your institution use a mobile device management (MDM) system? | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 95.2% | 4.8% | 21 |
| BA | | 91.2% | 8.8% | 34 |
| MA | | 90.9% | 9.1% | 33 |
| DR | | 84.2% | 15.8% | 19 |
| Other US | | 93.3% | 6.7% | 15 |
| Outside US | | 63.2% | 36.8% | 19 |
| All | | 87.2% | 12.8% | 141 |
|  |
|  |
| 4.6 Does your institution use a mobile device management (MDM) system? | | No | Yes | n |
| Control | |  |  |  |
| Public | | 89.4% | 10.6% | 66 |
| Private | | 86.6% | 13.4% | 67 |
| All | | 88.0% | 12.0% | 133 |
|  |
|  |
| 4.6 Does your institution use a mobile device management (MDM) system? | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 86.5% | 13.5% | 37 |
| 2,000–3,999 | | 91.7% | 8.3% | 36 |
| 4,000–7,999 | | 81.8% | 18.2% | 22 |
| 8,000–14,999 | | 90.0% | 10.0% | 20 |
| 15,000+ | | 81.0% | 19.0% | 21 |
| All | | 86.8% | 13.2% | 136 |
|  |
|  | | | | | |

| 4.6a MDM vendor name: | | 4.6b MDM product name: | Occurrences |
| --- | --- | --- | --- |
| Air Watch | | Air Watch | 1 |
| Airwatch | | Airwatch | 2 |
| Airwatch | | Idk | 1 |
| Apple | | Apple Device Manager | 1 |
| Apple | | Profile Manager | 1 |
| Blackberry | | Mobile Fusion | 1 |
| Bradford | | Bradford Nac | 1 |
| Bradford | | Campus Manager | 1 |
| Ellucian | | Banner | 1 |
| Fiberlink | | Maas360 | 1 |
| Jamfsoftware | | Casper | 1 |
| Maas360 | | Maas360 Mdm | 1 |
| Meraki | | Dashboard | 1 |
| Meraki | | System Manager | 1 |
| Microsoft | | Office 365 | 1 |
| Research In Motion | | Blackberry Enterprise Server | 1 |
|  |
|  | | | | |
| (Names have been converted to "proper case" to collapse categories.) | | | | |

| 4.6c How long have you used this MDM system? | | Less than one year | One to two years | More than two years | n |
| --- | --- | --- | --- | --- | --- |
| All | | 58.8% | 11.8% | 29.4% | 17 |
|  |
|  | | | | | | |

| 4.6d MDM satisfaction score\* | | Satisfaction | |
| --- | --- | --- | --- |
| Mean | (n) |
| Carnegie Class | |  |  |
| AA | | 0.00 | (1) |
| BA | | 1.67 | (3) |
| MA | | 1.33 | (3) |
| DR | | 1.00 | (2) |
| Other US | | -2.00 | (1) |
| Outside US | | 1.14 | (7) |
| All | | 1.00 | (17) |
|  |
|  |
| 4.6d Satisfaction - MDM | | 4.6d Satisfaction - MDM | |
| Mean | (n) |
| Control | |  |  |
| Public | | 1.14 | (7) |
| Private | | 1.00 | (8) |
| All | | 1.07 | (15) |
|  |
|  |
| 4.6d Satisfaction - MDM | | 4.6d Satisfaction - MDM | |
| Mean | (n) |
| FTE | |  |  |
| Less than 2,000 | | 1.20 | (5) |
| 2,000–3,999 | | 1.33 | (3) |
| 4,000–7,999 | | 0.25 | (4) |
| 8,000–14,999 | | 1.00 | (2) |
| 15,000+ | | 1.33 | (3) |
| All | | 1.00 | (17) |
|  |
| \*Responses to question 4.6 were scored as follows: -2=”Very dissatisfied”; -1=”Somewhat dissatisfied”; 0=”Neutral”; 1=”Very satisfied”; 2=”Very satisfied”. Responses of “Don’t know” were not included in these calculations. | | | | |

| 4.7 Does your institution use a data loss prevention (DLP) system? | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 100.0% | 0.0% | 19 |
| BA | | 100.0% | 0.0% | 32 |
| MA | | 96.8% | 3.2% | 31 |
| DR | | 78.9% | 21.1% | 19 |
| Other US | | 78.6% | 21.4% | 14 |
| Outside US | | 100.0% | 0.0% | 17 |
| All | | 93.9% | 6.1% | 132 |
|  |
|  |
| 4.7 Does your institution use a data loss prevention (DLP) system? | | No | Yes | n |
| Control | |  |  |  |
| Public | | 93.4% | 6.6% | 61 |
| Private | | 93.8% | 6.3% | 64 |
| All | | 93.6% | 6.4% | 125 |
|  |
|  |
| 4.7 Does your institution use a data loss prevention (DLP) system? | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 97.1% | 2.9% | 35 |
| 2,000–3,999 | | 97.1% | 2.9% | 34 |
| 4,000–7,999 | | 90.5% | 9.5% | 21 |
| 8,000–14,999 | | 89.5% | 10.5% | 19 |
| 15,000+ | | 94.7% | 5.3% | 19 |
| All | | 94.5% | 5.5% | 128 |
|  |
|  | | | | | |

| 4.7a DLP vendor name: | | 4.7b DLP product name: | Occurrences |
| --- | --- | --- | --- |
| Fortinet | | Fortigate Firewall | 1 |
| Identity Finder | | Identity Finder | 2 |
| Mcafee | | Mcafee | 1 |
| Symantec | | Dlp | 1 |
| Under Evaluation | |  | 1 |
|  |
|  | | | | |
| (Names have been converted to "proper case" to collapse categories.) | | | | |

| 4.7c How long have you use this DLP system? | | Less than one year | One to two years | More than two years | n |
| --- | --- | --- | --- | --- | --- |
| All | | 14.3% | 57.1% | 28.6% | 7 |
|  |
|  |
| 4.7c How long have you use this DLP system? | | Less than one year | One to two years | More than two years | n |
|  |
|  | | | | | | |

| 4.7d DLP satisfaction score\* | | Satisfaction | |
| --- | --- | --- | --- |
| Mean | (n) |
| All | | -1.00 | (7) |
|  |
| 4.7d Satisfaction - DLP | | 4.7d Satisfaction - DLP | |
| Mean | (n) |
|  |
| \*Responses to question 4.7 were scored as follows: -2=”Very dissatisfied”; -1=”Somewhat dissatisfied”; 0=”Neutral”; 1=”Very satisfied”; 2=”Very satisfied”. Responses of “Don’t know” were not included in these calculations. | | | | |

| 4.8 Does your institution use a virtualized desktop integration (VDI) system? | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 68.2% | 31.8% | 22 |
| BA | | 63.6% | 36.4% | 33 |
| MA | | 53.1% | 46.9% | 32 |
| DR | | 42.1% | 57.9% | 19 |
| Other US | | 68.8% | 31.3% | 16 |
| Outside US | | 52.9% | 47.1% | 17 |
| All | | 58.3% | 41.7% | 139 |
|  |
|  |
| 4.8 Does your institution use a virtualized desktop integration (VDI) system? | | No | Yes | n |
| Control | |  |  |  |
| Public | | 52.9% | 47.1% | 68 |
| Private | | 64.6% | 35.4% | 65 |
| All | | 58.6% | 41.4% | 133 |
|  |
|  |
| 4.8 Does your institution use a virtualized desktop integration (VDI) system? | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 69.4% | 30.6% | 36 |
| 2,000–3,999 | | 71.4% | 28.6% | 35 |
| 4,000–7,999 | | 56.5% | 43.5% | 23 |
| 8,000–14,999 | | 45.0% | 55.0% | 20 |
| 15,000+ | | 35.0% | 65.0% | 20 |
| All | | 59.0% | 41.0% | 134 |
|  |
|  | | | | | |

| 4.8a VDI vendor name: | | 4.8b VDI product name: | Occurrences |
| --- | --- | --- | --- |
| Cisco; Microsoft; Vmware; Quest | | Various | 1 |
| Citrix | |  | 3 |
| Citrix | | Citirx | 1 |
| Citrix | | Citrix | 3 |
| Citrix | | Receiver | 1 |
| Citrix | | Vdi In A Box | 1 |
| Citrix | | Vdi-In-A-Box | 1 |
| Citrix | | Vmware | 1 |
| Citrix | | Xen | 1 |
| Citrix | | Xen Desktop | 2 |
| Citrix | | Xenapp | 2 |
| Citrix | | Xendesktop | 2 |
| Citrix | | Xendesktop Enterprise | 1 |
| Citrix | | Xendesktop/Xenapp | 1 |
| Citrix | | Zen Desktop | 1 |
| Citrix | | Zendesktop | 1 |
| Citrix, Vmware | | Citrix Broker, Vmware Software | 1 |
| Dell | | Wyse | 1 |
| Dell Wyse | | Vmware And Citrix Xendesktop | 1 |
| Lenovo | | Stoneware | 1 |
| Microsoft | |  | 1 |
| Ncomputing | | X350 | 1 |
| Several | | Several | 1 |
| Vm | | Vmware | 1 |
| Vmware | |  | 2 |
| Vmware | | Don't Know | 1 |
| Vmware | | Vdi | 2 |
| Vmware | | View | 7 |
| Vmware | | Virtual Desktop | 1 |
| Vmware | | Vm View | 1 |
| Vmware | | Vmview | 1 |
| Vmware | | Vmware | 4 |
| Vmware | | Vmware View | 5 |
| Vmware | | Vmware View 5.0 | 1 |
|  |
|  | | | | |
| (Names have been converted to "proper case" to collapse categories.) | | | | |

| 4.8c How long have you use this VDI system? | | Less than one year | One to two years | More than two years | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 28.6% | 57.1% | 14.3% | 7 |
| BA | | 25.0% | 41.7% | 33.3% | 12 |
| MA | | 26.7% | 53.3% | 20.0% | 15 |
| DR | | 30.0% | 60.0% | 10.0% | 10 |
| Other US | | 0.0% | 60.0% | 40.0% | 5 |
| Outside US | | 12.5% | 25.0% | 62.5% | 8 |
| All | | 22.8% | 49.1% | 28.1% | 57 |
|  |
|  |
| 4.8c How long have you use this VDI system? | | Less than one year | One to two years | More than two years | n |
| Control | |  |  |  |  |
| Public | | 19.4% | 61.3% | 19.4% | 31 |
| Private | | 30.4% | 39.1% | 30.4% | 23 |
| All | | 24.1% | 51.9% | 24.1% | 54 |
|  |
|  |
| 4.8c How long have you use this VDI system? | | Less than one year | One to two years | More than two years | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 27.3% | 54.5% | 18.2% | 11 |
| 2,000–3,999 | | 10.0% | 40.0% | 50.0% | 10 |
| 4,000–7,999 | | 40.0% | 60.0% | 0.0% | 10 |
| 8,000–14,999 | | 36.4% | 36.4% | 27.3% | 11 |
| 15,000+ | | 8.3% | 58.3% | 33.3% | 12 |
| All | | 24.1% | 50.0% | 25.9% | 54 |
|  |
|  | | | | | | |

| 4.8d VDI satisfaction score\* | | Satisfaction | |
| --- | --- | --- | --- |
| Mean | (n) |
| Carnegie Class | |  |  |
| AA | | 1.00 | (7) |
| BA | | 0.92 | (12) |
| MA | | 0.93 | (14) |
| DR | | 0.78 | (9) |
| Other US | | 1.20 | (5) |
| Outside US | | 0.38 | (8) |
| All | | 0.85 | (55) |
|  |
|  |
| 4.8d Satisfaction - VDI | | 4.8d Satisfaction - VDI | |
| Mean | (n) |
| Control | |  |  |
| Public | | 0.83 | (30) |
| Private | | 0.95 | (22) |
| All | | 0.88 | (52) |
|  |
|  |
| 4.8d Satisfaction - VDI | | 4.8d Satisfaction - VDI | |
| Mean | (n) |
| FTE | |  |  |
| Less than 2,000 | | 1.00 | (11) |
| 2,000–3,999 | | 1.20 | (10) |
| 4,000–7,999 | | 1.00 | (9) |
| 8,000–14,999 | | 0.27 | (11) |
| 15,000+ | | 1.09 | (11) |
| All | | 0.90 | (52) |
|  |
| \*Responses to question 4.8 were scored as follows: -2=”Very dissatisfied”; -1=”Somewhat dissatisfied”; 0=”Neutral”; 1=”Very satisfied”; 2=”Very satisfied”. Responses of “Don’t know” were not included in these calculations. | | | | |

| 4.9 Security Awareness Training | | Students | Faculty | Non-faculty knowledge-worker employees | Administrators | Other employees | Don't know | n |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |  |
| AA | | 15.4% | 92.3% | 61.5% | 92.3% | 69.2% | 23.5% | 13 |
| BA | | 50.0% | 66.7% | 83.3% | 91.7% | 58.3% | 47.8% | 12 |
| MA | | 23.5% | 76.5% | 64.7% | 82.4% | 41.2% | 34.6% | 17 |
| DR | | 50.0% | 75.0% | 62.5% | 75.0% | 37.5% | 50.0% | 8 |
| Other US | | 41.7% | 41.7% | 41.7% | 75.0% | 16.7% | 25.0% | 12 |
| Outside US | | 50.0% | 66.7% | 66.7% | 66.7% | 50.0% | 53.8% | 6 |
| All | | 35.3% | 70.6% | 63.2% | 82.4% | 45.6% | 38.7% | 68 |
|  |
|  |
| 4.9 Security Awareness Training - Students | | 4.9 Security Awareness Training - Students | 4.9 Security Awareness Training - Faculty | 4.9 Security Awareness Training - Non-faculty knowledge-worker employees | 4.9 Security Awareness Training - Administrators | 4.9 Security Awareness Training - Other employees | 4.9 Security Awareness Training - Don't know | n |
| Control | |  |  |  |  |  |  |  |
| Public | | 29.4% | 76.5% | 73.5% | 88.2% | 50.0% | 38.2% | 34 |
| Private | | 45.2% | 64.5% | 51.6% | 77.4% | 38.7% | 39.2% | 31 |
| All | | 36.9% | 70.8% | 63.1% | 83.1% | 44.6% | 38.7% | 65 |
|  |
|  |
| 4.9 Security Awareness Training - Students | | 4.9 Security Awareness Training - Students | 4.9 Security Awareness Training - Faculty | 4.9 Security Awareness Training - Non-faculty knowledge-worker employees | 4.9 Security Awareness Training - Administrators | 4.9 Security Awareness Training - Other employees | 4.9 Security Awareness Training - Don't know | n |
| FTE | |  |  |  |  |  |  |  |
| Less than 2,000 | | 26.3% | 52.6% | 68.4% | 73.7% | 42.1% | 32.1% | 19 |
| 2,000–3,999 | | 43.8% | 62.5% | 43.8% | 81.3% | 50.0% | 38.5% | 16 |
| 4,000–7,999 | | 33.3% | 91.7% | 75.0% | 100.0% | 41.7% | 33.3% | 12 |
| 8,000–14,999 | | 87.5% | 75.0% | 62.5% | 62.5% | 37.5% | 52.9% | 8 |
| 15,000+ | | 10.0% | 80.0% | 80.0% | 90.0% | 50.0% | 44.4% | 10 |
| All | | 36.9% | 69.2% | 64.6% | 81.5% | 44.6% | 39.3% | 65 |
|  |
|  | | | | | | | | | |

| 4.11 Infrastructure scores\* | | a. Adequate Wi-Fi coverage on campus. | | b. Need to upgrade/expand Wi-Fi coverage on campus. | | c. Adequate network bandwidth capabilities. | | d. Need to upgrade/expand network bandwidth capabilities. | | e. Adequate cell phone service coverage on campus. | | f. Need to upgrade/expand cell phone service coverage on campus. | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Carnegie Class | |  |  |  |  |  |  |  |  |  |  |  |  |
| AA | | 0.32 | (22) | 1.43 | (21) | 1.23 | (22) | 1.19 | (21) | 0.59 | (22) | 0.55 | (20) |
| BA | | 0.38 | (34) | 1.12 | (34) | 0.59 | (34) | 1.32 | (34) | 0.47 | (34) | 0.16 | (32) |
| MA | | 0.47 | (34) | 1.32 | (34) | 0.73 | (33) | 1.12 | (34) | 0.34 | (32) | 0.58 | (33) |
| DR | | 0.50 | (18) | 1.11 | (19) | 1.32 | (19) | 1.11 | (19) | 0.11 | (19) | 0.95 | (19) |
| Other US | | 1.00 | (16) | 0.63 | (16) | 1.00 | (16) | 0.69 | (16) | 0.50 | (16) | 0.56 | (16) |
| Outside US | | 0.47 | (19) | 1.32 | (19) | 0.84 | (19) | 1.26 | (19) | 0.78 | (18) | 0.22 | (18) |
| All | | 0.49 | (143) | 1.18 | (143) | 0.90 | (143) | 1.15 | (143) | 0.45 | (141) | 0.48 | (138) |
|  |
|  |
| 4.11 Infrastructure a. Adequate Wi-Fi coverage on campus. | | 4.11 Infrastructure a. Adequate Wi-Fi coverage on campus. | | 4.11 Infrastructure b. Need to upgrade/expand Wi-Fi coverage on campus. | | 4.11 Infrastructure c. Adequate network bandwidth capabilities. | | 4.11 Infrastructure d. Need to upgrade/expand network bandwidth capabilities. | | 4.11 Infrastructure e. Adequate cell phone service coverage on campus. | | 4.11 Infrastructure f. Need to upgrade/expand cell phone service coverage on campus. | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| Control | |  |  |  |  |  |  |  |  |  |  |  |  |
| Public | | 0.37 | (68) | 1.32 | (68) | 1.07 | (68) | 1.07 | (68) | 0.47 | (66) | 0.52 | (65) |
| Private | | 0.63 | (67) | 1.01 | (67) | 0.70 | (67) | 1.16 | (67) | 0.39 | (67) | 0.45 | (65) |
| All | | 0.50 | (135) | 1.17 | (135) | 0.89 | (135) | 1.12 | (135) | 0.43 | (133) | 0.48 | (130) |
|  |
|  |
| 4.11 Infrastructure a. Adequate Wi-Fi coverage on campus. | | 4.11 Infrastructure a. Adequate Wi-Fi coverage on campus. | | 4.11 Infrastructure b. Need to upgrade/expand Wi-Fi coverage on campus. | | 4.11 Infrastructure c. Adequate network bandwidth capabilities. | | 4.11 Infrastructure d. Need to upgrade/expand network bandwidth capabilities. | | 4.11 Infrastructure e. Adequate cell phone service coverage on campus. | | 4.11 Infrastructure f. Need to upgrade/expand cell phone service coverage on campus. | |
| Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) | Mean | (n) |
| FTE | |  |  |  |  |  |  |  |  |  |  |  |  |
| Less than 2,000 | | 0.58 | (38) | 0.92 | (38) | 0.84 | (38) | 1.24 | (38) | 0.53 | (38) | 0.27 | (37) |
| 2,000–3,999 | | 0.39 | (36) | 1.22 | (36) | 0.47 | (36) | 1.28 | (36) | 0.67 | (36) | 0.15 | (34) |
| 4,000–7,999 | | 0.39 | (23) | 1.00 | (22) | 1.22 | (23) | 0.73 | (22) | 0.48 | (23) | 0.45 | (22) |
| 8,000–14,999 | | 0.71 | (21) | 1.43 | (21) | 1.05 | (20) | 1.29 | (21) | 0.28 | (18) | 1.00 | (19) |
| 15,000+ | | 0.35 | (20) | 1.38 | (21) | 1.19 | (21) | 1.00 | (21) | 0.24 | (21) | 0.86 | (21) |
| All | | 0.49 | (138) | 1.16 | (138) | 0.89 | (138) | 1.14 | (138) | 0.48 | (136) | 0.47 | (133) |
|  |
| \*Responses to question 4.11 were scored as follows: -2=”Strongly disagree”; -1=”Disagree”; 0=”Neither agree nor disagree”; 1=”Strongly agree”; 2=”Strongly agree”. Responses of “Don’t know” were not included in these calculations. | | | | | | | | | | | | | | |

| 5.1a. Support employees - Laptops | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 18.2% | 27.3% | 54.5% | 22 |
| BA | | 2.9% | 26.5% | 70.6% | 34 |
| MA | | 5.9% | 20.6% | 73.5% | 34 |
| DR | | 0.0% | 33.3% | 66.7% | 18 |
| Other US | | 0.0% | 31.3% | 68.8% | 16 |
| Outside US | | 10.5% | 10.5% | 78.9% | 19 |
| All | | 6.3% | 24.5% | 69.2% | 143 |
|  |
|  |
| 5.1 Support employees a. Laptops | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 8.8% | 25.0% | 66.2% | 68 |
| Private | | 3.0% | 26.9% | 70.1% | 67 |
| All | | 5.9% | 25.9% | 68.1% | 135 |
|  |
|  |
| 5.1 Support employees a. Laptops | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 7.9% | 28.9% | 63.2% | 38 |
| 2,000–3,999 | | 8.3% | 25.0% | 66.7% | 36 |
| 4,000–7,999 | | 0.0% | 21.7% | 78.3% | 23 |
| 8,000–14,999 | | 4.8% | 23.8% | 71.4% | 21 |
| 15,000+ | | 10.0% | 20.0% | 70.0% | 20 |
| All | | 6.5% | 24.6% | 68.8% | 138 |
|  |
|  | | | | | | |

| 5.1b. Support employees - Tablets | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 18.2% | 40.9% | 40.9% | 22 |
| BA | | 2.9% | 79.4% | 17.6% | 34 |
| MA | | 5.9% | 64.7% | 29.4% | 34 |
| DR | | 11.1% | 50.0% | 38.9% | 18 |
| Other US | | 12.5% | 56.3% | 31.3% | 16 |
| Outside US | | 21.1% | 31.6% | 47.4% | 19 |
| All | | 10.5% | 57.3% | 32.2% | 143 |
|  |
|  |
| 5.1 Support employees b. Tablets | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 13.2% | 41.2% | 45.6% | 68 |
| Private | | 6.0% | 77.6% | 16.4% | 67 |
| All | | 9.6% | 59.3% | 31.1% | 135 |
|  |
|  |
| 5.1 Support employees b. Tablets | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 13.2% | 78.9% | 7.9% | 38 |
| 2,000–3,999 | | 8.3% | 63.9% | 27.8% | 36 |
| 4,000–7,999 | | 4.3% | 52.2% | 43.5% | 23 |
| 8,000–14,999 | | 9.5% | 47.6% | 42.9% | 21 |
| 15,000+ | | 15.0% | 25.0% | 60.0% | 20 |
| All | | 10.1% | 58.0% | 31.9% | 138 |
|  |
|  | | | | | | |

| 5.1c. Support employees - Smartphones | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 19.0% | 71.4% | 9.5% | 21 |
| BA | | 2.9% | 85.3% | 11.8% | 34 |
| MA | | 12.1% | 78.8% | 9.1% | 33 |
| DR | | 11.1% | 66.7% | 22.2% | 18 |
| Other US | | 31.3% | 43.8% | 25.0% | 16 |
| Outside US | | 15.8% | 42.1% | 42.1% | 19 |
| All | | 13.5% | 68.8% | 17.7% | 141 |
|  |
|  |
| 5.1 Support employees c. Smartphones | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 15.2% | 63.6% | 21.2% | 66 |
| Private | | 11.9% | 76.1% | 11.9% | 67 |
| All | | 13.5% | 69.9% | 16.5% | 133 |
|  |
|  |
| 5.1 Support employees c. Smartphones | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 18.4% | 73.7% | 7.9% | 38 |
| 2,000–3,999 | | 11.4% | 77.1% | 11.4% | 35 |
| 4,000–7,999 | | 13.0% | 60.9% | 26.1% | 23 |
| 8,000–14,999 | | 4.8% | 81.0% | 14.3% | 21 |
| 15,000+ | | 21.1% | 42.1% | 36.8% | 19 |
| All | | 14.0% | 69.1% | 16.9% | 136 |
|  |
|  | | | | | | |

| 5.1d. Support employees - Cloud-based services | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 31.8% | 50.0% | 18.2% | 22 |
| BA | | 2.9% | 82.4% | 14.7% | 34 |
| MA | | 23.5% | 64.7% | 11.8% | 34 |
| DR | | 44.4% | 44.4% | 11.1% | 18 |
| Other US | | 26.7% | 60.0% | 13.3% | 15 |
| Outside US | | 52.6% | 36.8% | 10.5% | 19 |
| All | | 26.8% | 59.9% | 13.4% | 142 |
|  |
|  |
| 5.1 Support employees d. Cloud-based services | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 32.8% | 52.2% | 14.9% | 67 |
| Private | | 17.9% | 68.7% | 13.4% | 67 |
| All | | 25.4% | 60.4% | 14.2% | 134 |
|  |
|  |
| 5.1 Support employees d. Cloud-based services | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 16.2% | 73.0% | 10.8% | 37 |
| 2,000–3,999 | | 25.0% | 55.6% | 19.4% | 36 |
| 4,000–7,999 | | 13.0% | 65.2% | 21.7% | 23 |
| 8,000–14,999 | | 42.9% | 42.9% | 14.3% | 21 |
| 15,000+ | | 45.0% | 55.0% | 0.0% | 20 |
| All | | 26.3% | 59.9% | 13.9% | 137 |
|  |
|  | | | | | | |

| 5.1e. Support employees - Software as a service | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 18.2% | 40.9% | 40.9% | 22 |
| BA | | 11.8% | 47.1% | 41.2% | 34 |
| MA | | 23.5% | 38.2% | 38.2% | 34 |
| DR | | 22.2% | 22.2% | 55.6% | 18 |
| Other US | | 31.3% | 31.3% | 37.5% | 16 |
| Outside US | | 50.0% | 11.1% | 38.9% | 18 |
| All | | 23.9% | 34.5% | 41.5% | 142 |
|  |
|  |
| 5.1 Support employees e. Software as a service | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 29.9% | 29.9% | 40.3% | 67 |
| Private | | 14.9% | 41.8% | 43.3% | 67 |
| All | | 22.4% | 35.8% | 41.8% | 134 |
|  |
|  |
| 5.1 Support employees e. Software as a service | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 15.8% | 50.0% | 34.2% | 38 |
| 2,000–3,999 | | 22.2% | 36.1% | 41.7% | 36 |
| 4,000–7,999 | | 13.0% | 39.1% | 47.8% | 23 |
| 8,000–14,999 | | 30.0% | 25.0% | 45.0% | 20 |
| 15,000+ | | 45.0% | 5.0% | 50.0% | 20 |
| All | | 23.4% | 34.3% | 42.3% | 137 |
|  |
|  | | | | | | |

| 5.1f. Support employees - Social media | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 63.6% | 36.4% | 0.0% | 22 |
| BA | | 26.5% | 67.6% | 5.9% | 34 |
| MA | | 50.0% | 50.0% | 0.0% | 34 |
| DR | | 33.3% | 66.7% | 0.0% | 18 |
| Other US | | 43.8% | 56.3% | 0.0% | 16 |
| Outside US | | 42.1% | 47.4% | 10.5% | 19 |
| All | | 42.7% | 54.5% | 2.8% | 143 |
|  |
|  |
| 5.1 Support employees f. Social media | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 54.4% | 42.6% | 2.9% | 68 |
| Private | | 31.3% | 67.2% | 1.5% | 67 |
| All | | 43.0% | 54.8% | 2.2% | 135 |
|  |
|  |
| 5.1 Support employees f. Social media | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 36.8% | 60.5% | 2.6% | 38 |
| 2,000–3,999 | | 41.7% | 52.8% | 5.6% | 36 |
| 4,000–7,999 | | 47.8% | 52.2% | 0.0% | 23 |
| 8,000–14,999 | | 42.9% | 57.1% | 0.0% | 21 |
| 15,000+ | | 50.0% | 50.0% | 0.0% | 20 |
| All | | 42.8% | 55.1% | 2.2% | 138 |
|  |
|  | | | | | | |

| 5.1g. Support employees - Other technologies | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 77.8% | 16.7% | 5.6% | 18 |
| BA | | 80.0% | 20.0% | 0.0% | 25 |
| MA | | 73.3% | 26.7% | 0.0% | 30 |
| DR | | 93.8% | 6.3% | 0.0% | 16 |
| Other US | | 54.5% | 45.5% | 0.0% | 11 |
| Outside US | | 92.9% | 7.1% | 0.0% | 14 |
| All | | 78.9% | 20.2% | 0.9% | 114 |
|  |
|  |
| 5.1 Support employees g. Other technologies | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 83.0% | 15.1% | 1.9% | 53 |
| Private | | 74.1% | 25.9% | 0.0% | 54 |
| All | | 78.5% | 20.6% | 0.9% | 107 |
|  |
|  |
| 5.1 Support employees g. Other technologies | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 83.3% | 16.7% | 0.0% | 30 |
| 2,000–3,999 | | 66.7% | 33.3% | 0.0% | 30 |
| 4,000–7,999 | | 75.0% | 20.0% | 5.0% | 20 |
| 8,000–14,999 | | 81.3% | 18.8% | 0.0% | 16 |
| 15,000+ | | 93.3% | 6.7% | 0.0% | 15 |
| All | | 78.4% | 20.7% | 0.9% | 111 |
|  |
|  | | | | | | |

| 5.3a. Support student - Laptops | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 27.3% | 63.6% | 9.1% | 22 |
| BA | | 8.8% | 61.8% | 29.4% | 34 |
| MA | | 14.7% | 61.8% | 23.5% | 34 |
| DR | | 10.5% | 42.1% | 47.4% | 19 |
| Other US | | 12.5% | 43.8% | 43.8% | 16 |
| Outside US | | 42.1% | 47.4% | 10.5% | 19 |
| All | | 18.1% | 55.6% | 26.4% | 144 |
|  |
|  |
| 5.3 Support student a. Laptops | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 26.1% | 53.6% | 20.3% | 69 |
| Private | | 7.5% | 59.7% | 32.8% | 67 |
| All | | 16.9% | 56.6% | 26.5% | 136 |
|  |
|  |
| 5.3 Support student a. Laptops | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 10.5% | 60.5% | 28.9% | 38 |
| 2,000–3,999 | | 22.2% | 52.8% | 25.0% | 36 |
| 4,000–7,999 | | 8.7% | 73.9% | 17.4% | 23 |
| 8,000–14,999 | | 19.0% | 57.1% | 23.8% | 21 |
| 15,000+ | | 23.8% | 42.9% | 33.3% | 21 |
| All | | 16.5% | 57.6% | 25.9% | 139 |
|  |
|  | | | | | | |

| 5.3b. Support student - Tablets | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 36.4% | 54.5% | 9.1% | 22 |
| BA | | 11.8% | 76.5% | 11.8% | 34 |
| MA | | 17.6% | 79.4% | 2.9% | 34 |
| DR | | 21.1% | 47.4% | 31.6% | 19 |
| Other US | | 25.0% | 62.5% | 12.5% | 16 |
| Outside US | | 52.6% | 42.1% | 5.3% | 19 |
| All | | 25.0% | 63.9% | 11.1% | 144 |
|  |
|  |
| 5.3 Support student b. Tablets | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 31.9% | 55.1% | 13.0% | 69 |
| Private | | 13.4% | 77.6% | 9.0% | 67 |
| All | | 22.8% | 66.2% | 11.0% | 136 |
|  |
|  |
| 5.3 Support student b. Tablets | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 15.8% | 78.9% | 5.3% | 38 |
| 2,000–3,999 | | 27.8% | 58.3% | 13.9% | 36 |
| 4,000–7,999 | | 17.4% | 82.6% | 0.0% | 23 |
| 8,000–14,999 | | 33.3% | 57.1% | 9.5% | 21 |
| 15,000+ | | 28.6% | 42.9% | 28.6% | 21 |
| All | | 23.7% | 65.5% | 10.8% | 139 |
|  |
|  | | | | | | |

| 5.3c. Support student - Smartphones | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 50.0% | 45.5% | 4.5% | 22 |
| BA | | 17.6% | 76.5% | 5.9% | 34 |
| MA | | 35.3% | 64.7% | 0.0% | 34 |
| DR | | 26.3% | 63.2% | 10.5% | 19 |
| Other US | | 50.0% | 43.8% | 6.3% | 16 |
| Outside US | | 52.6% | 42.1% | 5.3% | 19 |
| All | | 36.1% | 59.0% | 4.9% | 144 |
|  |
|  |
| 5.3 Support student c. Smartphones | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 44.9% | 50.7% | 4.3% | 69 |
| Private | | 23.9% | 71.6% | 4.5% | 67 |
| All | | 34.6% | 61.0% | 4.4% | 136 |
|  |
|  |
| 5.3 Support student c. Smartphones | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 26.3% | 68.4% | 5.3% | 38 |
| 2,000–3,999 | | 41.7% | 52.8% | 5.6% | 36 |
| 4,000–7,999 | | 26.1% | 73.9% | 0.0% | 23 |
| 8,000–14,999 | | 42.9% | 57.1% | 0.0% | 21 |
| 15,000+ | | 38.1% | 52.4% | 9.5% | 21 |
| All | | 34.5% | 61.2% | 4.3% | 139 |
|  |
|  | | | | | | |

| 5.3d. Support student - Cloud-based services | | Not supported | Best effort support | Full service support | n |
| --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |
| AA | | 54.5% | 40.9% | 4.5% | 22 |
| BA | | 26.5% | 70.6% | 2.9% | 34 |
| MA | | 42.4% | 48.5% | 9.1% | 33 |
| DR | | 47.4% | 42.1% | 10.5% | 19 |
| Other US | | 43.8% | 50.0% | 6.3% | 16 |
| Outside US | | 57.9% | 36.8% | 5.3% | 19 |
| All | | 43.4% | 50.3% | 6.3% | 143 |
|  |
|  |
| 5.3 Support student d. Cloud-based services | | Not supported | Best effort support | Full service support | n |
| Control | |  |  |  |  |
| Public | | 54.4% | 41.2% | 4.4% | 68 |
| Private | | 29.9% | 61.2% | 9.0% | 67 |
| All | | 42.2% | 51.1% | 6.7% | 135 |
|  |
|  |
| 5.3 Support student d. Cloud-based services | | Not supported | Best effort support | Full service support | n |
| FTE | |  |  |  |  |
| Less than 2,000 | | 26.3% | 71.1% | 2.6% | 38 |
| 2,000–3,999 | | 44.4% | 44.4% | 11.1% | 36 |
| 4,000–7,999 | | 26.1% | 65.2% | 8.7% | 23 |
| 8,000–14,999 | | 65.0% | 25.0% | 10.0% | 20 |
| 15,000+ | | 61.9% | 38.1% | 0.0% | 21 |
| All | | 42.0% | 51.4% | 6.5% | 138 |
|  |
|  | | | | | | |

| 5.5a. Demand - Laptops | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 4.5% | 40.9% | 45.5% | 9.1% | 0.0% | 22 |
| BA | | 18.2% | 27.3% | 51.5% | 3.0% | 0.0% | 33 |
| MA | | 9.4% | 56.3% | 25.0% | 6.3% | 3.1% | 32 |
| DR | | 11.8% | 29.4% | 58.8% | 0.0% | 0.0% | 17 |
| Other US | | 14.3% | 35.7% | 42.9% | 7.1% | 0.0% | 14 |
| Outside US | | 0.0% | 31.6% | 52.6% | 10.5% | 5.3% | 19 |
| All | | 10.2% | 38.0% | 44.5% | 5.8% | 1.5% | 137 |
|  |
|  |
| 5.5 Demand a. Laptops | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| Control | |  |  |  |  |  |  |
| Public | | 6.1% | 40.9% | 40.9% | 9.1% | 3.0% | 66 |
| Private | | 15.9% | 33.3% | 47.6% | 3.2% | 0.0% | 63 |
| All | | 10.9% | 37.2% | 44.2% | 6.2% | 1.6% | 129 |
|  |
|  |
| 5.5 Demand a. Laptops | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 24.3% | 29.7% | 40.5% | 5.4% | 0.0% | 37 |
| 2,000–3,999 | | 0.0% | 40.6% | 53.1% | 6.3% | 0.0% | 32 |
| 4,000–7,999 | | 4.3% | 47.8% | 39.1% | 4.3% | 4.3% | 23 |
| 8,000–14,999 | | 14.3% | 28.6% | 52.4% | 4.8% | 0.0% | 21 |
| 15,000+ | | 5.3% | 47.4% | 36.8% | 5.3% | 5.3% | 19 |
| All | | 10.6% | 37.9% | 44.7% | 5.3% | 1.5% | 132 |
|  |
|  | | | | | | | | |

| 5.5b. Demand - Tablets | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 9.5% | 47.6% | 33.3% | 9.5% | 21 |
| BA | | 0.0% | 5.9% | 55.9% | 26.5% | 11.8% | 34 |
| MA | | 0.0% | 9.1% | 48.5% | 30.3% | 12.1% | 33 |
| DR | | 0.0% | 0.0% | 58.8% | 29.4% | 11.8% | 17 |
| Other US | | 0.0% | 0.0% | 71.4% | 14.3% | 14.3% | 14 |
| Outside US | | 0.0% | 15.8% | 42.1% | 31.6% | 10.5% | 19 |
| All | | 0.0% | 7.2% | 52.9% | 28.3% | 11.6% | 138 |
|  |
|  |
| 5.5 Demand b. Tablets | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 6.2% | 50.8% | 29.2% | 13.8% | 65 |
| Private | | 0.0% | 6.2% | 56.9% | 26.2% | 10.8% | 65 |
| All | | 0.0% | 6.2% | 53.8% | 27.7% | 12.3% | 130 |
|  |
|  |
| 5.5 Demand b. Tablets | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 8.1% | 48.6% | 29.7% | 13.5% | 37 |
| 2,000–3,999 | | 0.0% | 8.8% | 61.8% | 23.5% | 5.9% | 34 |
| 4,000–7,999 | | 0.0% | 0.0% | 54.5% | 27.3% | 18.2% | 22 |
| 8,000–14,999 | | 0.0% | 9.5% | 47.6% | 33.3% | 9.5% | 21 |
| 15,000+ | | 0.0% | 10.5% | 47.4% | 31.6% | 10.5% | 19 |
| All | | 0.0% | 7.5% | 52.6% | 28.6% | 11.3% | 133 |
|  |
|  | | | | | | | | |

| 5.5c. Demand - Smartphones | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |  |
| AA | | 0.0% | 25.0% | 35.0% | 35.0% | 5.0% | 20 |
| BA | | 0.0% | 20.6% | 58.8% | 14.7% | 5.9% | 34 |
| MA | | 3.0% | 12.1% | 57.6% | 15.2% | 12.1% | 33 |
| DR | | 0.0% | 5.9% | 47.1% | 29.4% | 17.6% | 17 |
| Other US | | 0.0% | 21.4% | 64.3% | 0.0% | 14.3% | 14 |
| Outside US | | 0.0% | 21.1% | 52.6% | 21.1% | 5.3% | 19 |
| All | | 0.7% | 17.5% | 53.3% | 19.0% | 9.5% | 137 |
|  |
|  |
| 5.5 Demand c. Smartphones | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| Control | |  |  |  |  |  |  |
| Public | | 0.0% | 21.9% | 40.6% | 23.4% | 14.1% | 64 |
| Private | | 1.5% | 13.8% | 64.6% | 13.8% | 6.2% | 65 |
| All | | 0.8% | 17.8% | 52.7% | 18.6% | 10.1% | 129 |
|  |
|  |
| 5.5 Demand c. Smartphones | | Decrease | No change | Increase up to 50% more | Increase up to 100% more | Increase more than 100% | n |
| FTE | |  |  |  |  |  |  |
| Less than 2,000 | | 0.0% | 18.9% | 64.9% | 13.5% | 2.7% | 37 |
| 2,000–3,999 | | 0.0% | 21.2% | 57.6% | 12.1% | 9.1% | 33 |
| 4,000–7,999 | | 0.0% | 13.6% | 50.0% | 27.3% | 9.1% | 22 |
| 8,000–14,999 | | 4.8% | 14.3% | 38.1% | 23.8% | 19.0% | 21 |
| 15,000+ | | 0.0% | 21.1% | 42.1% | 26.3% | 10.5% | 19 |
| All | | 0.8% | 18.2% | 53.0% | 18.9% | 9.1% | 132 |
|  |
|  | | | | | | | | |

| 6.1 Guidelines for student-provisioned technologies incorporation | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 90.0% | 10.0% | 20 |
| BA | | 83.9% | 16.1% | 31 |
| MA | | 84.4% | 15.6% | 32 |
| DR | | 72.2% | 27.8% | 18 |
| Other US | | 80.0% | 20.0% | 15 |
| Outside US | | 88.9% | 11.1% | 18 |
| All | | 83.6% | 16.4% | 134 |
|  |
|  |
| 6.1 Guidelines for student-provisioned technologies incorporation | | No | Yes | n |
| Control | |  |  |  |
| Public | | 85.2% | 14.8% | 61 |
| Private | | 80.0% | 20.0% | 65 |
| All | | 82.5% | 17.5% | 126 |
|  |
|  |
| 6.1 Guidelines for student-provisioned technologies incorporation | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 86.1% | 13.9% | 36 |
| 2,000–3,999 | | 82.4% | 17.6% | 34 |
| 4,000–7,999 | | 90.5% | 9.5% | 21 |
| 8,000–14,999 | | 80.0% | 20.0% | 20 |
| 15,000+ | | 73.7% | 26.3% | 19 |
| All | | 83.1% | 16.9% | 130 |
|  |
|  | | | | | |

| 6.2 Guidelines for faculty-provisioned technologies incorporation | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 85.0% | 15.0% | 20 |
| BA | | 74.2% | 25.8% | 31 |
| MA | | 76.5% | 23.5% | 34 |
| DR | | 72.2% | 27.8% | 18 |
| Other US | | 60.0% | 40.0% | 15 |
| Outside US | | 83.3% | 16.7% | 18 |
| All | | 75.7% | 24.3% | 136 |
|  |
|  |
| 6.2 Guidelines for faculty-provisioned technologies incorporation | | No | Yes | n |
| Control | |  |  |  |
| Public | | 76.6% | 23.4% | 64 |
| Private | | 71.9% | 28.1% | 64 |
| All | | 74.2% | 25.8% | 128 |
|  |
|  |
| 6.2 Guidelines for faculty-provisioned technologies incorporation | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 73.0% | 27.0% | 37 |
| 2,000–3,999 | | 75.8% | 24.2% | 33 |
| 4,000–7,999 | | 81.0% | 19.0% | 21 |
| 8,000–14,999 | | 81.0% | 19.0% | 21 |
| 15,000+ | | 68.4% | 31.6% | 19 |
| All | | 75.6% | 24.4% | 131 |
|  |
|  | | | | | |

| 6.3 Formal program/unit that helps faculty incorporate student-provisioned technologies | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 54.5% | 45.5% | 22 |
| BA | | 65.6% | 34.4% | 32 |
| MA | | 53.1% | 46.9% | 32 |
| DR | | 58.8% | 41.2% | 17 |
| Other US | | 68.8% | 31.3% | 16 |
| Outside US | | 64.7% | 35.3% | 17 |
| All | | 60.3% | 39.7% | 136 |
|  |
|  |
| 6.3 Formal program/unit that helps faculty incorporate student-provisioned technologies | | No | Yes | n |
| Control | |  |  |  |
| Public | | 52.2% | 47.8% | 67 |
| Private | | 66.7% | 33.3% | 63 |
| All | | 59.2% | 40.8% | 130 |
|  |
|  |
| 6.3 Formal program/unit that helps faculty incorporate student-provisioned technologies | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 63.2% | 36.8% | 38 |
| 2,000–3,999 | | 70.6% | 29.4% | 34 |
| 4,000–7,999 | | 54.5% | 45.5% | 22 |
| 8,000–14,999 | | 61.1% | 38.9% | 18 |
| 15,000+ | | 38.1% | 61.9% | 21 |
| All | | 59.4% | 40.6% | 133 |
|  |
|  | | | | | |

| 6.4 Allow devices in courses | | Individual faculty | Divisions/units | Institution | Don't know | n |
| --- | --- | --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |  |  |
| AA | | 95.5% | 4.5% | 13.6% | 0.0% | 22 |
| BA | | 96.9% | 9.4% | 3.1% | 5.9% | 32 |
| MA | | 100.0% | 6.1% | 3.0% | 2.9% | 33 |
| DR | | 94.7% | 5.3% | 5.3% | 0.0% | 19 |
| Other US | | 81.3% | 18.8% | 12.5% | 0.0% | 16 |
| Outside US | | 100.0% | 5.3% | 5.3% | 0.0% | 19 |
| All | | 95.7% | 7.8% | 6.4% | 2.1% | 141 |
|  |
|  |
| 6.4 Allow device f2f - Individual faculty | | 6.4 Allow device f2f - Individual faculty | 6.4 Allow device f2f - Divisions/units | 6.4 Allow device f2f - Institution | 6.4 Allow device f2f - Don't know | n |
| Control | |  |  |  |  |  |
| Public | | 94.1% | 5.9% | 5.9% | 1.4% | 68 |
| Private | | 96.9% | 9.2% | 6.2% | 3.0% | 65 |
| All | | 95.5% | 7.5% | 6.0% | 2.2% | 133 |
|  |
|  |
| 6.4 Allow device f2f - Individual faculty | | 6.4 Allow device f2f - Individual faculty | 6.4 Allow device f2f - Divisions/units | 6.4 Allow device f2f - Institution | 6.4 Allow device f2f - Don't know | n |
| FTE | |  |  |  |  |  |
| Less than 2,000 | | 97.4% | 13.2% | 7.9% | 0.0% | 38 |
| 2,000–3,999 | | 94.1% | 8.8% | 8.8% | 5.6% | 34 |
| 4,000–7,999 | | 91.3% | 4.3% | 8.7% | 0.0% | 23 |
| 8,000–14,999 | | 100.0% | 0.0% | 0.0% | 0.0% | 21 |
| 15,000+ | | 100.0% | 0.0% | 0.0% | 4.8% | 20 |
| All | | 96.3% | 6.6% | 5.9% | 2.2% | 136 |
|  |
|  | | | | | | | |

| 6.5 Planning to reduce number of student-accessible, institutionally provisioned devices | | No | Yes | n |
| --- | --- | --- | --- | --- |
| Carnegie Class | |  |  |  |
| AA | | 88.2% | 11.8% | 17 |
| BA | | 60.0% | 40.0% | 30 |
| MA | | 75.0% | 25.0% | 28 |
| DR | | 77.8% | 22.2% | 18 |
| Other US | | 73.3% | 26.7% | 15 |
| Outside US | | 61.1% | 38.9% | 18 |
| All | | 71.4% | 28.6% | 126 |
|  |
|  |
| 6.5 Planning to reduce number of student-accessible, institutionally provisioned devices | | No | Yes | n |
| Control | |  |  |  |
| Public | | 69.0% | 31.0% | 58 |
| Private | | 73.3% | 26.7% | 60 |
| All | | 71.2% | 28.8% | 118 |
|  |
|  |
| 6.5 Planning to reduce number of student-accessible, institutionally provisioned devices | | No | Yes | n |
| FTE | |  |  |  |
| Less than 2,000 | | 68.6% | 31.4% | 35 |
| 2,000–3,999 | | 73.3% | 26.7% | 30 |
| 4,000–7,999 | | 71.4% | 28.6% | 21 |
| 8,000–14,999 | | 72.2% | 27.8% | 18 |
| 15,000+ | | 64.7% | 35.3% | 17 |
| All | | 70.2% | 29.8% | 121 |
|  |
|  | | | | | |