

# the condition of education 2007



## INDICATOR 48

# Total and Net Access Price for Graduate and First-Professional Students

The indicator and corresponding tables are taken directly from *The Condition of Education 2007*. Therefore, the page numbers may not be sequential.

Additional information about the survey data and supplementary notes can be found in the full report. For a copy of *The Condition of Education 2007*, visit the NCES website (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2007064>) or contact ED PUBs at 1-877-4ED-PUBS.

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# Finance

## Total and Net Access Price for Graduate and First-Professional Students

*Master's, doctoral, and first-professional students differ in their enrollment patterns and in the types and amounts of financial aid they receive to help pay for their education.*

In 2003–04, the average total price (tuition and fees, books and materials, and living expenses) for 1 year of full-time graduate education ranged from \$21,900 for a master's degree program at a public institution to \$41,900 for a first-professional degree program at a private not-for-profit institution.<sup>1</sup> Students attending full time typically received some type of financial aid to help cover their expenses—81 percent at the master's level and over 90 percent at the doctoral and first-professional levels (see supplemental table 48-2). Grants and assistantships (which require work) are usually awarded on a discretionary basis and not related to financial need. Students must demonstrate financial need to obtain Perkins or subsidized Stafford loans, but not to take out unsubsidized Stafford or private loans. Graduate students sometimes receive tuition assistance from their employers (considered grant aid). This was especially true for part-time students in master of business administration programs, 49 percent of whom received this type of aid (see supplemental table 48-3).

Compared with students at other levels, relatively few master's students (about 20 percent at each institution type) enrolled full time.

Among those who did, the average net access price (total price minus all financial aid) was \$9,700 at public institutions and \$16,400 at private not-for-profit ones. Compared with their peers at private not-for-profit institutions, on average, full-time master's students at public institutions received more in assistantships and other aid<sup>2</sup> and borrowed less.

Full-time doctoral students had an average net access price of \$6,800 at public institutions and \$13,900 at private not-for-profit institutions. Although full-time doctoral students in both sectors faced a higher average total price than their counterparts at the master's level, they received larger average amounts in grants and assistantships and other aid and did not borrow more.

No measurable differences were found in the net access price paid by full-time first-professional and doctoral students in either sector. However, first-professional students relied more heavily on loans to pay for their education, averaging \$20,500 at public institutions and \$25,700 at private not-for-profit institutions, compared with \$5,700 and \$10,300, respectively, for doctoral students.

<sup>1</sup> Of all graduate/first-professional students, 60 percent were enrolled in master's degree programs, 14 percent in doctoral degree programs, 12 percent in first-professional programs, and 14 percent in postbaccalaureate certificate programs or in graduate courses (NCES 2006-185). First-professional programs include chiropractic, osteopathic medicine, dentistry, pharmacy, law, podiatry, medicine, theology, optometry, and veterinary medicine.

<sup>2</sup> The category *assistantships and other aid* consists primarily of assistantships but also includes a small amount of other types of aid such as work study, state vocational rehabilitation and job training grants, federal veterans benefits, and military tuition aid.

NOTE: Analysis is limited to students who attended for the full year at only one institution in 2003–04 to keep aid and price consistent. *Full time* means enrolled full time (according to the institution's definition) for at least 9 months during the 2003–04 academic year; full-time enrollment does not preclude working as well. Averages are calculated across all students, including those with no aid. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).

FOR MORE INFORMATION:

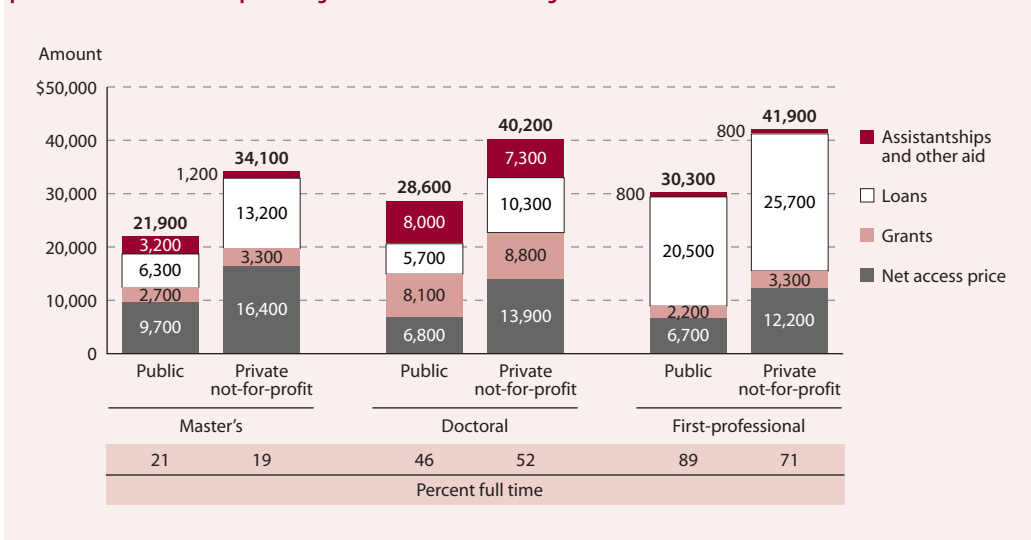
Supplemental Notes 3, 9

Supplemental Tables 48-1, 48-2, 48-3

NCES 2006-185



**PRICE OF ATTENDANCE: Average annual total price, financial aid, and net access price for full-time graduate and first-professional students and percentage of all students attending full time: 2003–04**



## Total and Net Access Price for Graduate and First-Professional Students

**Table 48-1. Average annual tuition and fees, total price, amount of aid, and net access price for full-time graduate and first-professional students and percentage of all students attending full time, by type of aid and program and institutional characteristics: 2003–04**

| Characteristic                            | Average for full-time students (including unaided students) |                          |                 |                |                |                               | Net access price (total price minus total aid) | Percent attending full time |
|---|---|--------------------------|-----------------|----------------|----------------|-------------------------------|--|-----------------------------|
|   | Tuition and fees  | Total price <sup>1</sup> | Total aid       | Grants         | Loans          | Assistant-ships and other aid |  |                             |
| <b>Master's degree students</b>           |   |                          |                 |                |                |                               |  |                             |
| <b>Total</b>                              | <b>\$11,500</b>   | <b>\$27,400</b>          | <b>\$14,500</b> | <b>\$2,800</b> | <b>\$9,500</b> | <b>\$2,200</b>                | <b>\$13,000</b>                                | <b>20.6</b>                 |
| Degree program                            |   |                          |                 |                |                |                               |  |                             |
| Business administration (M.B.A.)          | 16,000  | 33,500                   | 15,400          | 2,700          | 11,600         | 1,100!                        | 18,100   | 18.7                        |
| Education (any master's)                  | 7,900   | 22,300                   | 11,500          | 1,600!         | 9,000          | 900!                          | 10,700   | 11.2                        |
| Any other master's degree                 | 11,400  | 27,200                   | 15,000          | 3,200          | 9,100          | 2,700                         | 12,300   | 27.2                        |
| Selected fields of study                  |   |                          |                 |                |                |                               |  |                             |
| Humanities                                | 10,500  | 26,400                   | 15,200          | 4,100          | 8,600          | 2,500                         | 11,200   | 27.3                        |
| Social/behavioral sciences                | 10,900  | 27,100                   | 18,800          | 4,700!         | 9,700          | 4,400                         | 8,300  | 34.2                        |
| Life and physical sciences                | 10,200  | 25,800                   | 14,900          | 2,500!         | 7,000!         | 5,400!                        | 10,900   | 22.5                        |
| Engineering/computer science/mathematics  | 12,800  | 28,100                   | 14,800          | 5,600          | 3,700!         | 5,500                         | 13,300   | 19.1                        |
| Institution type                          |   |                          |                 |                |                |                               |  |                             |
| Public                                    | 7,400   | 21,900                   | 12,200          | 2,700          | 6,300          | 3,200                         | 9,700  | 20.7                        |
| Private not-for-profit                    | 17,400  | 34,100                   | 17,700          | 3,300          | 13,200         | 1,200                         | 16,400   | 19.3                        |
| <b>Doctoral degree students</b>           |   |                          |                 |                |                |                               |  |                             |
| <b>Total</b>                              | <b>14,400</b>   | <b>33,300</b>            | <b>23,400</b>   | <b>8,300</b>   | <b>7,600</b>   | <b>7,500</b>                  | <b>10,000</b>                                  | <b>48.8</b>                 |
| Degree program                            |   |                          |                 |                |                |                               |  |                             |
| Ph.D. (except in education)               | 14,900  | 33,600                   | 24,200          | 10,800         | 2,900          | 10,500                        | 9,400  | 52.8                        |
| Education (any doctorate) <sup>2</sup>    | 10,700  | 27,900                   | 14,100          | 5,100          | 4,600          | 4,500                         | 13,700   | 19.2                        |
| Any other doctoral degree <sup>3</sup>    | 14,000  | 33,900                   | 23,500          | 3,900          | 17,600         | 2,100                         | 10,400   | 57.5                        |
| Selected fields of study                  |   |                          |                 |                |                |                               |  |                             |
| Humanities                                | 13,400  | 30,400                   | 16,700          | 7,800          | 2,600          | 6,300                         | 13,700   | 39.0                        |
| Social/behavioral sciences                | 15,300  | 33,600                   | 22,700          | 8,700          | 8,000          | 6,000                         | 10,900   | 52.3                        |
| Life and physical sciences                | 14,700  | 34,800                   | 26,100          | 12,100         | 2,000!         | 12,100                        | 8,600  | 60.2                        |
| Engineering/computer science/mathematics  | 15,400  | 33,400                   | 25,400          | 11,600         | 1,400!         | 12,400                        | 8,000  | 51.8                        |
| Institution type                          |   |                          |                 |                |                |                               |  |                             |
| Public                                    | 10,000  | 28,600                   | 21,800          | 8,100          | 5,700          | 8,000                         | 6,800  | 46.2                        |
| Private not-for-profit                    | 20,500  | 40,200                   | 26,400          | 8,800          | 10,300         | 7,300                         | 13,900   | 52.3                        |
| <b>First-professional degree students</b> |   |                          |                 |                |                |                               |  |                             |
| <b>Total</b>                              | <b>16,700</b>   | <b>36,500</b>            | <b>26,900</b>   | <b>2,800</b>   | <b>23,300</b>  | <b>800</b>                    | <b>9,600</b>                                   | <b>78.1</b>                 |
| Degree program                            |   |                          |                 |                |                |                               |  |                             |
| Medicine (M.D.)                           | 17,100  | 40,400                   | 31,600          | 2,900          | 27,400         | 1,200                         | 8,800  | 91.6                        |
| Other health science degree               | 16,400  | 36,400                   | 27,700          | 1,800!         | 25,100         | 800                           | 8,700  | 89.7                        |
| Law (L.L.B. or J.D.)                      | 17,000  | 34,700                   | 24,000          | 3,300          | 20,200         | 600                           | 10,700   | 76.1                        |
| Theology (M.Div., M.H.L., B.D.)           | 9,500!  | 23,900                   | 11,500          | 5,000!         | 6,000!         | 500!                          | 12,400   | 22.8                        |
| Institution type                          |   |                          |                 |                |                |                               |  |                             |
| Public                                    | 9,800   | 30,300                   | 23,600          | 2,200          | 20,500         | 800                           | 6,700  | 88.7                        |
| Private not-for-profit                    | 22,600  | 41,900                   | 29,800          | 3,300          | 25,700         | 800                           | 12,200   | 70.8                        |

! Interpret data with caution (estimates are unstable).

<sup>1</sup> Total price (also known as the student budget) includes tuition and fees, books and materials, and living expenses.

<sup>2</sup> Ph.D. in education, Ed.D., or any other doctoral degree in which education is the field of study.

<sup>3</sup> Examples include D.B.A. (Doctor of Business Administration), D.F.A. (Doctor of Fine Arts), and D.P.A. (Doctor of Public Administration).

NOTE: Table is limited to students who attended for the full year at only one institution in 2003–04 to keep aid and price data consistent. *Full-time* means enrolled full time (according to the institution's definition) for at least 9 months during the 2003–04 academic year; full-time enrollment does not preclude working as well. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).

## Total and Net Access Price for Graduate and First-Professional Students

**Table 48-2. Percentage of full-time graduate and first-professional students with aid and the average annual amount of aid for students with aid, by type of aid and program and institutional characteristics: 2003–04**

| Characteristic                            | Percent     |             |             |                               | Average (for full-time students with each type of aid) |                |                 |                               |
|---|-------------|-------------|-------------|-------------------------------|--|----------------|-----------------|-------------------------------|
|   | Any aid     | Grants      | Loans       | Assistant-ships and other aid | Total aid  | Grants         | Loans           | Assistant-ships and other aid |
| <b>Master's degree students</b>           |             |             |             |                               |  |                |                 |                               |
| <b>Total</b>                              | <b>81.0</b> | <b>39.9</b> | <b>57.8</b> | <b>25.9</b>                   | <b>\$17,900</b>  | <b>\$7,100</b> | <b>\$16,400</b> | <b>\$8,300</b>                |
| Degree program                            |             |             |             |                               |  |                |                 |                               |
| Business administration (M.B.A.)          | 75.3        | 38.3        | 55.6        | 16.9!                         | 20,400   | 7,000          | 20,800          | ‡                             |
| Education (any master's)                  | 72.4        | 24.9        | 61.4        | 12.1!                         | 15,900   | 6,400          | 14,700          | ‡                             |
| Any other master's degree                 | 84.6        | 44.2        | 57.3        | 31.8                          | 17,700   | 7,200          | 15,800          | 8,600                         |
| Selected fields of study                  |             |             |             |                               |  |                |                 |                               |
| Humanities                                | 88.7        | 52.0        | 58.0        | 36.1                          | 17,200   | 8,000          | 14,800          | 6,900                         |
| Social/behavioral sciences                | 90.5        | 55.8        | 65.1        | 47.3                          | 20,700   | 8,400          | 14,900          | 9,300                         |
| Life and physical sciences                | 80.6        | 30.4!       | 43.3!       | 45.3!                         | 18,500   | ‡              | ‡               | ‡                             |
| Engineering/computer science/mathematics  | 85.6        | 52.8        | 25.9        | 53.4                          | 17,300   | 10,600         | ‡               | 10,300                        |
| Institution type                          |             |             |             |                               |  |                |                 |                               |
| Public                                    | 79.2        | 42.2        | 48.3        | 36.3                          | 15,400   | 6,400          | 13,100          | 8,700                         |
| Private not-for-profit                    | 83.3        | 39.1        | 67.9        | 16.9                          | 21,300   | 8,500          | 19,400          | 7,200                         |
| <b>Doctoral degree students</b>           |             |             |             |                               |  |                |                 |                               |
| <b>Total</b>                              | <b>92.9</b> | <b>64.7</b> | <b>37.6</b> | <b>53.2</b>                   | <b>25,100</b>  | <b>12,800</b>  | <b>20,200</b>   | <b>14,100</b>                 |
| Degree program                            |             |             |             |                               |  |                |                 |                               |
| Ph.D. (except in education)               | 95.4        | 74.4        | 21.3        | 68.3                          | 25,400   | 14,500         | 13,500          | 15,400                        |
| Education (any doctorate) <sup>1</sup>    | 79.9        | 51.4        | 35.0        | 41.9                          | 17,700   | 9,800          | 13,000          | 10,800                        |
| Any other doctoral degree <sup>2</sup>    | 90.6        | 48.1        | 70.4        | 25.7                          | 26,000   | 8,000          | 25,000          | 8,100                         |
| Selected fields of study                  |             |             |             |                               |  |                |                 |                               |
| Humanities                                | 89.7        | 68.1        | 25.7        | 56.0                          | 18,600   | 11,400         | 10,300          | 11,200                        |
| Social/behavioral sciences                | 93.1        | 67.0        | 42.9        | 48.0                          | 24,400   | 13,000         | 18,600          | 12,600                        |
| Life and physical sciences                | 95.5        | 78.9        | 15.8        | 68.7                          | 27,400   | 15,300         | 12,500          | 17,600                        |
| Engineering/computer science/mathematics  | 97.3        | 77.7        | 11.7        | 78.8                          | 26,100   | 15,000         | 11,700          | 15,700                        |
| Institution type                          |             |             |             |                               |  |                |                 |                               |
| Public                                    | 93.9        | 69.7        | 33.5        | 58.8                          | 23,200   | 11,600         | 17,100          | 13,600                        |
| Private not-for-profit                    | 91.1        | 59.3        | 41.8        | 48.7                          | 28,900   | 14,900         | 24,500          | 14,900                        |
| <b>First-professional degree students</b> |             |             |             |                               |  |                |                 |                               |
| <b>Total</b>                              | <b>92.0</b> | <b>39.7</b> | <b>84.6</b> | <b>15.1</b>                   | <b>29,300</b>  | <b>7,000</b>   | <b>27,500</b>   | <b>5,500</b>                  |
| Degree program                            |             |             |             |                               |  |                |                 |                               |
| Medicine (M.D.)                           | 92.0        | 39.4        | 84.1        | 14.7                          | 34,400   | 7,500          | 32,600          | 8,500                         |
| Other health science degree               | 94.0        | 38.1        | 87.6        | 16.9!                         | 29,500   | 4,600          | 28,700          | 4,700!                        |
| Law (L.L.B. or J.D.)                      | 91.9        | 40.0        | 85.7        | 14.2                          | 26,200   | 8,200          | 23,600          | 4,000                         |
| Theology (M.Div., M.H.L., B.D.)           | 73.3        | 53.9!       | 46.8        | 11.9!                         | ‡  | ‡              | ‡               | ‡                             |
| Institution type                          |             |             |             |                               |  |                |                 |                               |
| Public                                    | 92.2        | 42.5        | 84.3        | 13.7                          | 25,600   | 5,300          | 24,400          | 5,900                         |
| Private not-for-profit                    | 91.8        | 37.3        | 85.0        | 16.2                          | 32,500   | 8,800          | 30,200          | 5,200                         |

! Interpret data with caution (estimates are unstable).

‡ Reporting standards not met.

<sup>1</sup> Ph.D. in education, Ed.D., or any other doctoral degree in which education is the field of study.

<sup>2</sup> Examples include D.B.A. (Doctor of Business Administration), D.F.A. (Doctor of Fine Arts), and D.P.A. (Doctor of Public Administration).

NOTE: Table is limited to students who attended for the full year at only one institution in 2003–04 to keep aid and price data consistent. *Full time* means enrolled full time (according to the institution's definition) for at least 9 months during the 2003–04 academic year; full-time enrollment does not preclude working as well. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).

## Total and Net Access Price for Graduate and First-Professional Students

**Table 48-3. Average annual tuition and fees, percentage with grants and employer aid, average annual amount of grants and employer aid, net tuition after grants for part-time graduate students, and percentage attending part time, by program and institutional characteristics: 2003–04**

| Characteristic                           | Average tuition and fees | Percent with grants | Percent with employer aid <sup>1</sup> | Average grants (including unaided students) | Average employer aid <sup>1</sup> (including unaided students) | Net tuition after grants <sup>2</sup> (all part-time students) | Percent attending part time |
|--|--------------------------|---------------------|--|---|--|--|-----------------------------|
| <b>Master's degree students</b>          |                          |                     |  |   |  |  |                             |
| <b>Total</b>                             | <b>\$5,600</b>           | <b>41.1</b>         | <b>27.9</b>                            | <b>\$1,600</b>                              | <b>\$900</b>   | <b>\$4,300</b>   | <b>44.3</b>                 |
| Degree program                           |                          |                     |  |   |  |  |                             |
| Business administration (M.B.A.)         | 6,400                    | 58.7                | 48.7                                   | 2,800                                       | 2,300  | 4,200  | 36.8                        |
| Education (any master's)                 | 5,500                    | 36.3                | 26.3                                   | 1,000                                       | 500  | 4,700  | 52.0                        |
| Any other master's degree                | 5,400                    | 39.3                | 22.5                                   | 1,700                                       | 800  | 4,100  | 42.3                        |
| Selected fields of study                 |                          |                     |  |   |  |  |                             |
| Humanities                               | 4,900                    | 42.5                | 18.1                                   | 1,800                                       | 800!   | 3,500  | 46.1                        |
| Social/behavioral sciences               | 4,700                    | 20.8!               | 10.7!                                  | 600!  | 200!   | 4,400  | 40.6                        |
| Life and physical sciences               | 5,700                    | 37.7                | 13.7!                                  | 2,200!                                      | 600!   | 3,800  | 45.9                        |
| Engineering/computer science/mathematics | 6,500                    | 43.7                | 29.9                                   | 2,100                                       | 900  | 4,800  | 48.2                        |
| Institution type                         |                          |                     |  |   |  |  |                             |
| Public                                   | 3,700                    | 38.6                | 24.7                                   | 1,300                                       | 700  | 2,800  | 48.4                        |
| Private not-for-profit                   | 8,100                    | 44.5                | 31.5                                   | 1,900                                       | 1,100  | 6,500  | 42.5                        |
| <b>Doctoral degree students</b>          |                          |                     |  |   |  |  |                             |
| <b>Total</b>                             | <b>5,800</b>             | <b>48.2</b>         | <b>22.7</b>                            | <b>3,200</b>                                | <b>800</b>   | <b>3,800</b>   | <b>32.5</b>                 |
| Degree program                           |                          |                     |  |   |  |  |                             |
| Ph.D. (except in education)              | 5,500                    | 52.7                | 17.5                                   | 4,200                                       | 600  | 3,100  | 29.7                        |
| Education (any doctorate) <sup>3</sup>   | 4,800                    | 41.2                | 27.3                                   | 1,700                                       | 800  | 3,600  | 55.6                        |
| Any other doctoral degree <sup>4</sup>   | 7,700                    | 46.1                | 29.8                                   | 2,700!                                      | 1,100!   | 5,900  | 24.9                        |
| Selected fields of study                 |                          |                     |  |   |  |  |                             |
| Humanities                               | 5,100                    | 44.3                | 15.4                                   | 3,400                                       | 400  | 3,300  | 35.8                        |
| Social/behavioral sciences               | 6,700!                   | 46.7                | 21.2                                   | 2,400!                                      | 400  | 5,100  | 31.7                        |
| Life and physical sciences               | 5,300                    | 73.2                | 16.6                                   | 7,300                                       | 600  | 1,800  | 25.2                        |
| Engineering/computer science/mathematics | 7,100                    | 52.1                | 17.7                                   | 4,000                                       | 500!   | 4,600  | 30.1                        |
| Institution type                         |                          |                     |  |   |  |  |                             |
| Public                                   | 4,700                    | 48.4                | 18.9                                   | 3,200                                       | 500  | 3,000  | 35.3                        |
| Private not-for-profit                   | 7,000                    | 43.8                | 24.1                                   | 3,200                                       | 1,100  | 4,800  | 27.5                        |

! Interpret data with caution (estimates are unstable).

<sup>1</sup> Employer aid is considered a type of grant aid and therefore is included in the estimates for grants as well.

<sup>2</sup> If grants were greater than tuition, net tuition was set to zero. Consequently, average net tuition may be larger than average tuition and fees minus average grants.

<sup>3</sup> Ph.D. in education, Ed.D., or any other doctoral degree in which education is the field of study.

<sup>4</sup> Examples include D.B.A. (Doctor of Business Administration), D.F.A. (Doctor of Fine Arts), and D.P.A. (Doctor of Public Administration).

NOTE: Table is limited to students who attended for the full year at only one institution in 2003–04 to keep aid and price consistent. Too few first-professional students enrolled part time to present their data separately. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).

## Total and Net Access Price for Graduate and First-Professional Students

**Table S48-1. Standard errors for the average annual tuition and fees, total price, amount of aid, and net access price for full-time graduate and first-professional students and percentage of all students attending full time, by type of aid and program and institutional characteristics: 2003–04**

| Characteristic                            | Average for full-time students (including unaided students) |              |              |              |              |                              | Net access price (total price minus total aid) | Percent attending full time |
|---|---|--------------|--------------|--------------|--------------|------------------------------|--|-----------------------------|
|   | Tuition and fees  | Total price  | Total aid    | Grants       | Loans        | Assistantships and other aid |  |                             |
| <b>Master's degree students</b>           |   |              |              |              |              |                              |  |                             |
| <b>Total</b>                              | <b>\$460</b>  | <b>\$490</b> | <b>\$520</b> | <b>\$210</b> | <b>\$480</b> | <b>\$180</b>                 | <b>\$520</b>                                   | <b>1.26</b>                 |
| Degree program                            |   |              |              |              |              |                              |  |                             |
| Business administration (M.B.A.)          | 1,150   | 1,220        | 2,030        | 460          | 1,790        | 440                          | 1,550  | 1.65                        |
| Education (any master's)                  | 750   | 1,030        | 1,240        | 410          | 1,150        | 300                          | 1,240  | 1.61                        |
| Any other master's degree                 | 420   | 500          | 610          | 300          | 650          | 250                          | 500  | 1.78                        |
| Selected fields of study                  |   |              |              |              |              |                              |  |                             |
| Humanities                                | 1,140   | 1,330        | 1,190        | 720          | 1,320        | 500                          | 1,140  | 3.27                        |
| Social/behavioral sciences                | 1,180   | 1,370        | 1,780        | 1,190        | 1,430        | 780                          | 1,280  | 3.95                        |
| Life and physical sciences                | 1,490   | 2,120        | 3,340        | 1,050        | 2,540        | 2,270                        | 2,240  | 4.84                        |
| Engineering/computer science/mathematics  | 750   | 760          | 1,200        | 660          | 1,100        | 660                          | 1,220  | 2.10                        |
| Institution type                          |   |              |              |              |              |                              |  |                             |
| Public                                    | 320   | 440          | 540          | 260          | 410          | 230                          | 450  | 1.29                        |
| Private not-for-profit                    | 1,090   | 1,050        | 1,020        | 390          | 890          | 220                          | 1,090  | 2.15                        |
| <b>Doctoral degree students</b>           |   |              |              |              |              |                              |  |                             |
| <b>Total</b>                              | <b>310</b>  | <b>290</b>   | <b>530</b>   | <b>430</b>   | <b>590</b>   | <b>420</b>                   | <b>490</b>                                     | <b>1.85</b>                 |
| Degree program                            |   |              |              |              |              |                              |  |                             |
| Ph.D. (except in education)               | 260   | 310          | 520          | 390          | 350          | 350                          | 400  | 1.49                        |
| Education (any doctorate)                 | 620   | 1,020        | 1,370        | 780          | 880          | 860                          | 1,430  | 2.28                        |
| Any other doctoral degree                 | 820   | 710          | 1,260        | 530          | 1,190        | 330                          | 1,050  | 4.07                        |
| Selected fields of study                  |   |              |              |              |              |                              |  |                             |
| Humanities                                | 710   | 640          | 1,280        | 990          | 470          | 560                          | 1,060  | 4.16                        |
| Social/behavioral sciences                | 840   | 610          | 1,610        | 930          | 1,640        | 760                          | 1,430  | 2.68                        |
| Life and physical sciences                | 600   | 760          | 760          | 600          | 540          | 700                          | 610  | 2.27                        |
| Engineering/computer science/mathematics  | 630   | 530          | 740          | 620          | 400          | 650                          | 620  | 2.11                        |
| Institution type                          |   |              |              |              |              |                              |  |                             |
| Public                                    | 200   | 260          | 510          | 290          | 550          | 360                          | 360  | 1.12                        |
| Private not-for-profit                    | 530   | 550          | 1,000        | 750          | 1,010        | 600                          | 690  | 3.78                        |
| <b>First-professional degree students</b> |   |              |              |              |              |                              |  |                             |
| <b>Total</b>                              | <b>770</b>  | <b>720</b>   | <b>650</b>   | <b>230</b>   | <b>680</b>   | <b>100</b>                   | <b>590</b>                                     | <b>2.82</b>                 |
| Degree program                            |   |              |              |              |              |                              |  |                             |
| Medicine (M.D.)                           | 840   | 800          | 1,050        | 360          | 1,040        | 240                          | 640  | 1.31                        |
| Other health science degree               | 1,550   | 1,650        | 1,090        | 510          | 1,230        | 200                          | 1,580  | 3.01                        |
| Law (L.L.B. or J.D.)                      | 1,320   | 990          | 810          | 430          | 770          | 140                          | 780  | 3.57                        |
| Theology (M.Div., M.H.L., B.D.)           | 2,710   | 1,930        | 2,520        | 2,670        | 2,220        | 400                          | 3,040  | 9.09                        |
| Institution type                          |   |              |              |              |              |                              |  |                             |
| Public                                    | 260   | 380          | 650          | 230          | 590          | 150                          | 420  | 1.17                        |
| Private not-for-profit                    | 1,570   | 1,470        | 1,250        | 370          | 1,300        | 170                          | 1,020  | 4.40                        |

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).

## Total and Net Access Price for Graduate and First-Professional Students

**Table S48-2.** Standard errors for the percentage of full-time graduate and first-professional students with aid and the average annual amount of aid for students with aid, by type of aid and program and institutional characteristics: 2003–04

| Characteristic                            | Percent     |             |             |                               | Average (for full-time students with each type of aid) |              |              |                               |
|---|-------------|-------------|-------------|-------------------------------|--|--------------|--------------|-------------------------------|
|   | Any aid     | Grants      | Loans       | Assistant-ships and other aid | Total aid  | Grants       | Loans        | Assistant-ships and other aid |
| <b>Master's degree students</b>           |             |             |             |                               |  |              |              |                               |
| <b>Total</b>                              | <b>1.85</b> | <b>2.55</b> | <b>2.22</b> | <b>1.86</b>                   | <b>\$490</b>   | <b>\$430</b> | <b>\$540</b> | <b>\$390</b>                  |
| Degree program                            |             |             |             |                               |  |              |              |                               |
| Business administration (M.B.A.)          | 5.51        | 4.06        | 6.15        | 4.76                          | 1,920  | 1,060        | 2,070        | †                             |
| Education (any master's)                  | 5.77        | 5.19        | 5.94        | 3.04                          | 1,040  | 1,320        | 1,020        | †                             |
| Any other master's degree                 | 2.07        | 3.71        | 2.62        | 2.59                          | 580  | 480          | 660          | 430                           |
| Selected fields of study                  |             |             |             |                               |  |              |              |                               |
| Humanities                                | 2.41        | 7.27        | 6.21        | 6.16                          | 1,190  | 930          | 1,140        | 1,020                         |
| Social/behavioral sciences                | 5.66        | 8.31        | 7.39        | 7.99                          | 1,470  | 1,560        | 1,470        | 910                           |
| Life and physical sciences                | 8.76        | 9.20        | 13.66       | 11.69                         | 3,230  | †            | †            | †                             |
| Engineering/computer science/mathematics  | 4.53        | 5.67        | 5.13        | 5.58                          | 1,350  | 980          | †            | 800                           |
| Institution type                          |             |             |             |                               |  |              |              |                               |
| Public                                    | 2.42        | 2.57        | 2.88        | 2.39                          | 540  | 510          | 580          | 470                           |
| Private not-for-profit                    | 3.53        | 4.61        | 3.35        | 2.48                          | 860  | 760          | 980          | 1,010                         |
| <b>Doctoral degree students</b>           |             |             |             |                               |  |              |              |                               |
| <b>Total</b>                              | <b>0.76</b> | <b>2.30</b> | <b>2.58</b> | <b>2.46</b>                   | <b>500</b>   | <b>460</b>   | <b>860</b>   | <b>440</b>                    |
| Degree program                            |             |             |             |                               |  |              |              |                               |
| Ph.D. (except in education)               | 0.62        | 1.34        | 1.46        | 1.75                          | 480  | 430          | 1,160        | 300                           |
| Education (any doctorate)                 | 4.26        | 5.12        | 5.42        | 6.36                          | 1,240  | 1,070        | 910          | 880                           |
| Any other doctoral degree                 | 2.02        | 5.02        | 4.50        | 4.74                          | 1,410  | 650          | 1,400        | 1,340                         |
| Selected fields of study                  |             |             |             |                               |  |              |              |                               |
| Humanities                                | 2.76        | 4.85        | 3.78        | 3.58                          | 1,330  | 1,100        | 990          | 800                           |
| Social/behavioral sciences                | 1.48        | 4.42        | 4.24        | 5.35                          | 1,730  | 1,340        | 2,430        | 650                           |
| Life and physical sciences                | 1.07        | 3.00        | 3.04        | 3.15                          | 770  | 580          | 1,780        | 570                           |
| Engineering/computer science/mathematics  | 0.84        | 2.31        | 2.53        | 2.66                          | 670  | 680          | 2,060        | 540                           |
| Institution type                          |             |             |             |                               |  |              |              |                               |
| Public                                    | 0.75        | 1.65        | 2.10        | 1.93                          | 470  | 340          | 860          | 400                           |
| Private not-for-profit                    | 1.58        | 3.59        | 3.00        | 3.65                          | 780  | 1,130        | 1,410        | 1,000                         |
| <b>First-professional degree students</b> |             |             |             |                               |  |              |              |                               |
| <b>Total</b>                              | <b>0.81</b> | <b>2.38</b> | <b>1.09</b> | <b>1.89</b>                   | <b>670</b>   | <b>420</b>   | <b>700</b>   | <b>800</b>                    |
| Degree program                            |             |             |             |                               |  |              |              |                               |
| Medicine (M.D.)                           | 1.50        | 3.25        | 1.75        | 2.16                          | 980  | 690          | 960          | 1,030                         |
| Other health science degree               | 1.75        | 6.33        | 1.86        | 5.42                          | 1,120  | 810          | 1,220        | 1,760                         |
| Law (L.L.B. or J.D.)                      | 1.12        | 2.86        | 1.67        | 1.69                          | 780  | 800          | 760          | 920                           |
| Theology (M.Div., M.H.L., B.D.)           | 13.65       | 16.72       | 11.34       | 8.46                          | †  | †            | †            | †                             |
| Institution type                          |             |             |             |                               |  |              |              |                               |
| Public                                    | 1.08        | 2.25        | 1.59        | 1.61                          | 570  | 450          | 570          | 890                           |
| Private not-for-profit                    | 1.12        | 3.60        | 1.61        | 3.37                          | 1,350  | 870          | 1,320        | 1,220                         |

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).

## Total and Net Access Price for Graduate and First-Professional Students

**Table S48-3.** Standard errors for the average annual tuition and fees, percentage with grants and employer aid, average annual amount of grants and employer aid, net tuition after grants for part-time graduate students, and percentage attending part time, by program and institutional characteristics: 2003–04

|  | Average tuition and fees | Percent with grants | Percent with employer aid | Average grants (including unaided students) | Average employer aid (including unaided students) | Net tuition after grants (all part-time students) | Percent attending part time |
|--|--------------------------|---------------------|---------------------------|---|---|---|-----------------------------|
| <b>Master's degree students</b>          |                          |                     |                           |   |   |   |                             |
| <b>Total</b>                             | <b>\$390</b>             | <b>1.90</b>         | <b>2.10</b>               | <b>\$160</b>                                | <b>\$110</b>                                      | <b>\$460</b>                                      | <b>1.84</b>                 |
| Degree program                           |                          |                     |                           |   |   |   |                             |
| Business administration (M.B.A.)         | 620                      | 4.63                | 4.25                      | 420   | 420   | 400   | 2.86                        |
| Education (any master's)                 | 1,040                    | 3.57                | 4.86                      | 190   | 90  | 1,120   | 5.41                        |
| Any other master's degree                | 270                      | 2.47                | 1.94                      | 140   | 100   | 280   | 2.07                        |
| Selected fields of study                 |                          |                     |                           |   |   |   |                             |
| Humanities                               | 350                      | 5.72                | 4.33                      | 300   | 210   | 310   | 4.09                        |
| Social/behavioral sciences               | 490                      | 7.54                | 4.13                      | 270   | 110   | 510   | 4.81                        |
| Life and physical sciences               | 950                      | 7.75                | 4.91                      | 670   | 230   | 580   | 5.43                        |
| Engineering/computer science/mathematics | 880                      | 7.35                | 5.44                      | 390   | 160   | 1,090   | 3.76                        |
| Institution type                         |                          |                     |                           |   |   |   |                             |
| Public                                   | 120                      | 1.80                | 1.78                      | 110   | 90  | 100   | 1.40                        |
| Private not-for-profit                   | 610                      | 3.74                | 4.30                      | 350   | 240   | 810   | 3.82                        |
| <b>Doctoral degree students</b>          |                          |                     |                           |   |   |   |                             |
| <b>Total</b>                             | <b>420</b>               | <b>2.32</b>         | <b>2.29</b>               | <b>240</b>                                  | <b>100</b>  | <b>380</b>  | <b>1.36</b>                 |
| Degree program                           |                          |                     |                           |   |   |   |                             |
| Ph.D. (except in education)              | 300                      | 2.50                | 1.74                      | 360   | 140   | 170   | 1.35                        |
| Education (any doctorate)                | 230                      | 3.28                | 3.36                      | 210   | 120   | 220   | 3.58                        |
| Any other doctoral degree                | 1,480                    | 7.34                | 8.53                      | 480   | 340   | 1,470   | 2.84                        |
| Selected fields of study                 |                          |                     |                           |   |   |   |                             |
| Humanities                               | 590                      | 4.80                | 3.21                      | 720   | 80  | 440   | 3.41                        |
| Social/behavioral sciences               | 1,700                    | 6.06                | 8.57                      | 400   | 90  | 1,810   | 2.48                        |
| Life and physical sciences               | 390                      | 4.62                | 3.84                      | 910   | 130   | 230   | 2.02                        |
| Engineering/computer science/mathematics | 310                      | 3.60                | 3.55                      | 480   | 130   | 300   | 1.64                        |
| Institution type                         |                          |                     |                           |   |   |   |                             |
| Public                                   | 140                      | 1.82                | 1.36                      | 250   | 50  | 130   | 0.92                        |
| Private not-for-profit                   | 1,060                    | 4.97                | 4.82                      | 430   | 250   | 750   | 3.39                        |

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 National Postsecondary Student Aid Study (NPSAS:04).