

# SPACE FACTORS

## TABLE 12

Space factors is an assessment measure of both space allocation and space utilization in one term. It is defined as the assignable square feet of teaching space per student clock hour of instruction per week.

The number of clock hours conducted in a particular category of space is influenced by the number of students enrolled and the nature of the curriculum. In general, vocational and technical programs produce a greater number of student clock hours per student enrolled than general academic programs.

$$SF = ASF/SCH \quad (\text{where ASF is assignable square feet and SCH is student clock hours of instruction per week})$$

The space factor of any given institution may be calculated by inserting the ASF found in Tables 10 and 11 and the student clock hours found in Table 8 into this formula.

The large difference in space requirements for laboratories should be reiterated. It is difficult to assess class laboratories because of their specialized nature as well as the laboratories' interrelationship with a particular course of instruction. Laboratories used for agriculture and engineering curricula are generally larger than those used for education or business. Thus, a normative space factor for laboratories should be used with caution.

**TABLE 12  
SPACE FACTORS FOR CLASSROOMS**

| Institutions                         | 2003      |             |               | 2002      |             |               | 2001      |             |               | 2000      |             |               | 1999      |             |               |
|--------------------------------------|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|
|                                      | ASF       | Student     |               | ASF       | Student     |               | ASF       | Student     |               | ASF       | Student     |               | ASF       | Student     |               |
|                                      |           | Clock Hours | Space Factors |           | Clock Hours | Space Factors |           | Clock Hours | Space Factors |           | Clock Hours | Space Factors |           | Clock Hours | Space Factors |
| <b>PUBLIC FOUR YEAR INSTITUTIONS</b> |           |             |               |           |             |               |           |             |               |           |             |               |           |             |               |
| LSU A&M (Including Ag. & Law)        | 293,081   | 375,480     | 0.78          | 282,504   | 377,258     | 0.75          | 263,781   | 374,067     | 0.71          | 250,473   | 370,209     | 0.68          | 247,375   | 350,111     | 0.71          |
| University of Louisiana in Lafayette | 166,629   | 155,441     | 1.07          | 158,041   | 146,119     | 1.08          | 150,445   | 141,012     | 1.07          | 148,417   | 144,727     | 1.03          | 148,108   | 149,612     | 0.99          |
| Southeastern Louisiana University    | 169,732   | 155,876     | 1.09          | 159,825   | 153,436     | 1.04          | 163,293   | 143,221     | 1.14          | 128,562   | 145,264     | 0.89          | 116,567   | 151,493     | 0.77          |
| University of New Orleans            | 142,132   | 0           | 0.00          | 142,132   | 147,117     | 0.97          | 142,132   | 137,180     | 1.04          | 142,132   | 137,180     | 1.04          | 142,132   | 137,180     | 1.04          |
| Louisiana Tech University            | 143,065   | 111,306     | 1.29          | 143,065   | 108,857     | 1.31          | 143,065   | 105,058     | 1.36          | 161,604   | 109,625     | 1.47          | 102,468   | 91,512      | 1.12          |
| Northwestern State University        | 111,898   | 91,138      | 1.23          | 91,974    | 86,435      | 1.06          | 99,466    | 92,587      | 1.07          | 99,466    | 85,822      | 1.16          | 99,466    | 90,712      | 1.10          |
| Southern University A&M              | 188,342   | 95,372      | 1.97          | 188,342   | 93,160      | 2.02          | 172,968   | 94,463      | 1.83          | 142,954   | 107,854     | 1.33          | 143,805   | **          | **            |
| University of Louisiana in Monroe    | 139,707   | 94,626      | 1.48          | 129,805   | **          | **            | 129,805   | **          | **            | 129,805   | 80,660      | 1.61          | 130,200   | 101,833     | 1.28          |
| McNeese State University             | 103,216   | 88,995      | 1.16          | 104,951   | 81,933      | 1.28          | 104,951   | 81,601      | 1.29          | 96,642    | 80,376      | 1.20          | 95,526    | 81,177      | 1.18          |
| Nicholls State University            | 115,538   | 77,814      | 1.48          | 114,396   | 77,117      | 1.48          | 114,396   | 74,225      | 1.54          | 101,859   | 56,824      | 1.79          | 73,488    | 67,061      | 1.10          |
| Grambling State University           | 90,101    | 48,198      | 1.87          | 87,549    | 52,818      | 1.66          | 87,549    | 56,970      | 1.54          | 73,182    | 45,651      | 1.60          | 62,734    | 49,942      | 1.26          |
| LSU in Shreveport                    | 57,905    | 35,127      | 1.65          | 54,544    | 32,162      | 1.70          | 54,544    | 32,542      | 1.68          | 54,544    | 32,041      | 1.70          | 54,544    | **          | **            |
| Southern University at New Orleans   | 52,733    | 23,437      | 2.25          | 52,733    | 19,623      | 2.69          | 52,733    | 89,878      | 0.59          | 52,733    | 40,570      | 1.30          | 52,733    | 40,952      | 1.29          |
| LSU at Alexandria                    | 31,626    | 27,781      | 1.14          | 31,626    | 26,439      | 1.20          | 29,945    | 22,965      | 1.30          | 28,854    | 20,982      | 1.38          | 28,854    | 21,368      | 1.35          |
| Total                                | 1,805,705 | 1,380,591   |               | 1,741,487 | 1,402,474   |               | 1,709,073 | 1,445,769   |               | 1,611,227 | 1,457,785   |               | 1,498,000 | 1,332,953   |               |
| Average                              |           |             | 1.20          |           |             | 1.24          |           |             | 1.18          |           |             | 1.11          |           |             | 1.12          |
| <b>PUBLIC TWO YEAR INSTITUTIONS</b>  |           |             |               |           |             |               |           |             |               |           |             |               |           |             |               |
| Delgado Community College            | 100,220   | 90,025      | 1.11          | 100,220   | 86,707      | 1.16          | 100,220   | **          | **            | 100,220   | 74,121      | 1.35          | 100,220   | 89,065      | 1.13          |
| Baton Rouge Community College        | 45,557    | 54,089      | 0.84          | 43,942    | 43,355      | 1.01          | 15,361    | 5,230       | 2.94          | 11,055    | 21,110      | 0.52          | 11,055    | 18,239      | 0.61          |
| Bossier Parish Community College     | 0         | 0           | 0.00          |           |             |               |           |             |               |           |             |               |           |             |               |
| LSU at Eunice                        | 23,517    | 20,486      | 1.15          | 23,517    | 18,703      | 1.26          | 23,517    | 16,727      | 1.41          | 27,188    | 17,498      | 1.55          | 27,688    | 20,000      | 1.38          |
| Southern University at Shreveport    | 45,474    | 18,438      | 2.47          | 45,474    | 16,198      | 2.81          | 45,474    | 12,720      | 3.58          | 40,861    | 8,492       | 4.81          | 40,861    | 12,893      | 3.17          |
| Nunez Community College              | 21,584    | 25,253      | 0.85          | 21,584    | **          | **            | 21,584    | 13,411      | 1.61          | 23,938    | 13,559      | 1.77          | 14,403    | **          | **            |
| LTC - Sowela                         | 18,519    | 19,110      | 0.97          |           |             |               |           |             |               |           |             |               |           |             |               |
| South Louisiana Community College    | 11,788    | 7,316       | 1.61          |           |             |               |           |             |               |           |             |               |           |             |               |
| River Parishes Community College     | 0         | 0           | 0.00          | 4,928     | 4,530       | 1.09          | 3,614     | 2,136       | 1.69          | 2,883     | 2,605       | 1.11          |           |             |               |
| LTC - L. E. Fletcher                 | 30,565    | 15,010      | 2.04          |           |             |               |           |             |               |           |             |               |           |             |               |
| Louisiana Delta Community College    | 0         | 0           | 0.00          |           |             |               |           |             |               |           |             |               |           |             |               |
| Total                                | 297,224   | 249,727     |               | 239,665   | 169,493     |               | 209,770   | 50,224      |               | 206,145   | 137,385     |               | 194,227   | 140,197     |               |
| Average                              |           |             | 1.19          |           |             | 1.29          |           |             | 4.18          |           |             | 1.50          |           |             | 1.39          |

\* Space Factor = ASF/Student Clock Hours (110's only)

\*\* Not Available

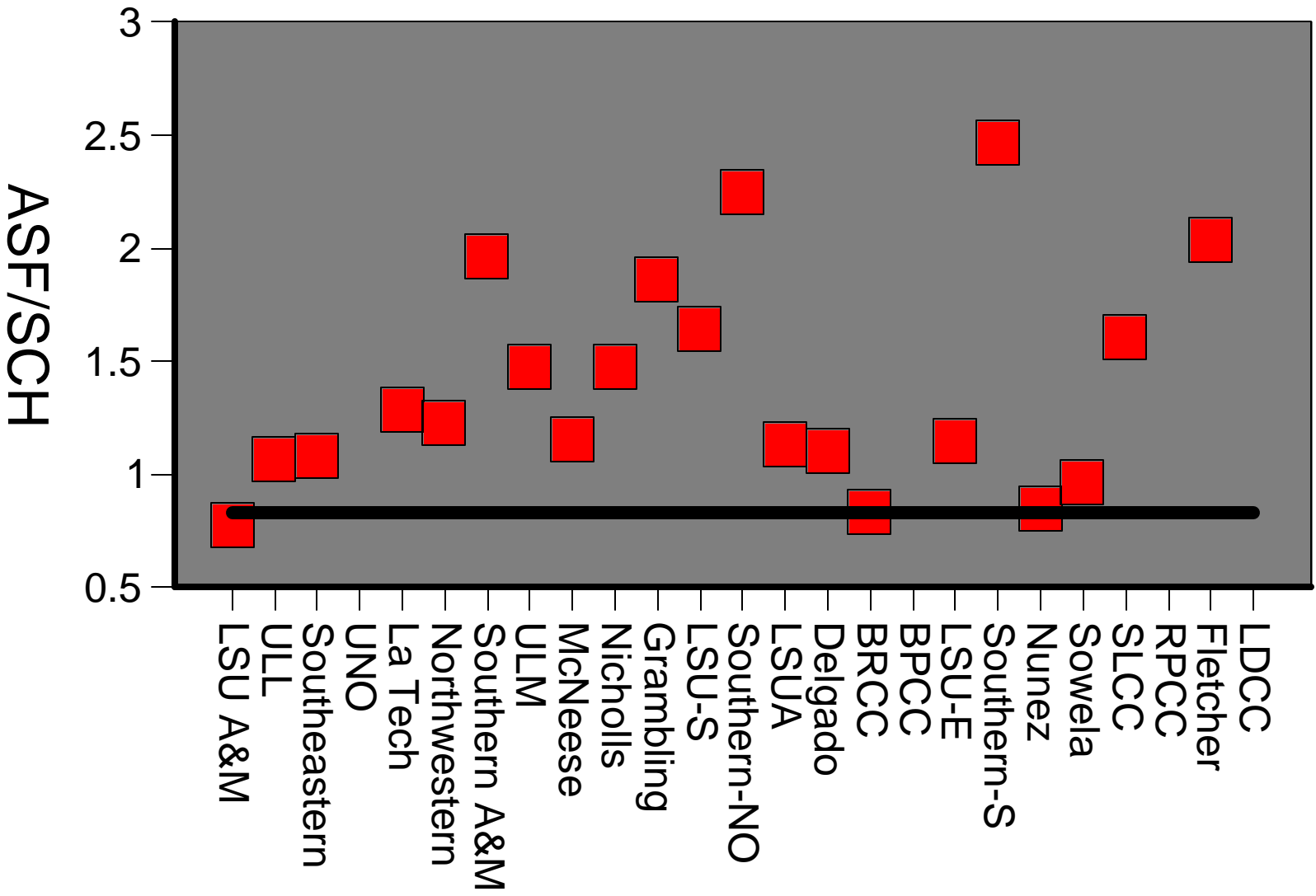
**TABLE 12**  
**SPACE FACTORS FOR CLASS LABORATORIES**

| Institutions                         | 2003      |                           |                  | 2002      |                           |                  | 2001      |                           |                  | 2000      |                           |                  | 1999      |                           |                  |
|--------------------------------------|-----------|---------------------------|------------------|-----------|---------------------------|------------------|-----------|---------------------------|------------------|-----------|---------------------------|------------------|-----------|---------------------------|------------------|
|                                      | ASF       | Student<br>Clock<br>Hours | Space<br>Factors | ASF       | Student<br>Clock<br>Hours | Space<br>Factors | ASF       | Student<br>Clock<br>Hours | Space<br>Factors | ASF       | Student<br>Clock<br>Hours | Space<br>Factors | ASF       | Student<br>Clock<br>Hours | Space<br>Factors |
| <b>PUBLIC FOUR YEAR INSTITUTIONS</b> |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| LSU A&M (Including Ag. & Law)        | 158,461   | 44,063                    | 3.60             | 148,031   | 88,163                    | 1.68             | 160,234   | 54,505                    | 2.94             | 164,975   | 55,689                    | 2.96             | 159,207   | 50,257                    | 3.17             |
| University of Louisiana in Lafayette | 104,424   | 22,690                    | 4.60             | 104,273   | 22,034                    | 4.73             | 105,286   | 20,411                    | 5.16             | 104,509   | 20,568                    | 5.08             | 97,909    | 20,535                    | 4.77             |
| Southeastern Louisiana University    | 65,102    | 18,828                    | 3.46             | 63,346    | 20,198                    | 3.14             | 58,988    | 18,776                    | 3.14             | 58,728    | 14,434                    | 4.07             | 56,643    | 21,167                    | 2.68             |
| University of New Orleans            | 58,283    | 0                         | 0.00             | 58,283    | 13,704                    | 4.25             | 58,283    | 11,714                    | 4.98             | 58,283    | 11,714                    | 4.98             | 58,283    | 11,714                    | 4.98             |
| Louisiana Tech University            | 117,370   | 15,826                    | 7.42             | 114,176   | 17,358                    | 6.58             | 114,176   | 14,034                    | 8.14             | 114,176   | 12,494                    | 9.14             | 81,410    | 16,113                    | 5.05             |
| Northwestern State University        | 103,828   | 26,844                    | 3.87             | 104,860   | 25,564                    | 4.10             | 103,671   | 22,072                    | 4.70             | 103,671   | 25,505                    | 4.06             | 103,671   | 27,153                    | 3.82             |
| Southern University A&M              | 99,295    | 22,183                    | 4.48             | 99,295    | 20,729                    | 4.79             | 99,830    | 20,503                    | 4.87             | 99,295    | 26,252                    | 3.78             | 104,148   | **                        | **               |
| University of Louisiana in Monroe    | 62,799    | 11,597                    | 5.42             | 110,314   | **                        | **               | 110,314   | **                        | **               | 110,314   | 19,156                    | 5.76             | 112,803   | 24,515                    | 4.60             |
| McNeese State University             | 75,730    | 13,843                    | 5.47             | 76,612    | 14,191                    | 5.40             | 75,197    | 12,815                    | 5.87             | 69,479    | 12,532                    | 5.54             | 69,479    | 14,092                    | 4.93             |
| Nicholls State University            | 81,776    | 14,810                    | 5.52             | 81,776    | 11,341                    | 7.21             | 81,776    | 13,105                    | 6.24             | 79,712    | 10,466                    | 7.62             | 68,478    | 12,003                    | 5.71             |
| Grambling State University           | 65,330    | 9,014                     | 7.25             | 61,313    | 8,994                     | 6.82             | 61,313    | 6,791                     | 9.03             | 64,344    | 7,036                     | 9.14             | 63,027    | 12,227                    | 5.15             |
| LSU in Shreveport                    | 44,107    | 7,078                     | 6.23             | 44,107    | 6,735                     | 6.55             | 44,107    | 7,158                     | 6.16             | 44,107    | 5,853                     | 7.54             | 44,107    | **                        | **               |
| Southern University at New Orleans   | 37,432    | 8,046                     | 4.65             | 37,432    | 6,991                     | 5.35             | 37,432    | 33,945                    | 1.10             | 37,432    | 15,585                    | 2.40             | 37,432    | 14,442                    | 2.59             |
| LSU at Alexandria                    | 26,370    | 3,749                     | 7.03             | 26,370    | 5,486                     | 4.81             | 25,234    | 3,415                     | 7.39             | 15,252    | 2,559                     | 5.96             | 15,252    | 1,980                     | 7.70             |
| Total                                | 1,100,307 | 218,571                   |                  | 1,130,188 | 261,488                   |                  | 1,135,841 | 239,244                   |                  | 1,124,277 | 239,843                   |                  | 1,071,849 | 226,198                   |                  |
| Average                              |           |                           | 4.77             |           |                           | 4.32             |           |                           | 4.75             |           |                           | 4.69             |           |                           | 4.74             |
| <b>PUBLIC TWO YEAR INSTITUTIONS</b>  |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| Delgado Community College            | 104,405   | 28,331                    | 3.69             | 104,405   | 27,278                    | 3.83             | 104,405   | **                        | **               | 104,405   | 22,478                    | 4.64             | 104,405   | 24,164                    | 4.32             |
| Baton Rouge Community College        | 20,411    | 2,739                     | 7.45             | 20,411    | 2,682                     | 7.61             | 21,026    | 710                       | 29.61            | 21,026    | 3,001                     | 7.01             | 21,026    | 4,349                     | 4.83             |
| Bossier Parish Community College     | 0         | 0                         | 0.00             |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| LSU at Eunice                        | 17,063    | 2,889                     | 5.91             | 17,063    | 2,938                     | 5.81             | 17,063    | 2,623                     | 6.51             | 15,576    | 2,959                     | 5.26             | 17,559    | 3,235                     | 5.43             |
| Southern University at Shreveport    | 18,386    | 2,586                     | 7.11             | 18,386    | 3,362                     | 5.47             | 18,386    | 2,560                     | 7.18             | 18,386    | 2,262                     | 8.13             | 18,386    | 2,006                     | 9.17             |
| Nunez Community College              | 26,632    | 7,134                     | 3.73             | 26,632    | **                        | **               | 26,632    | 6,154                     | 4.33             | 21,902    | 3,726                     | 5.88             | 30,283    | **                        | **               |
| L.T.C. Sowela                        | 89,624    | 13,846                    | 6.47             |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| South Louisiana Community College    | 6,372     | 3,158                     | 2.02             |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| River Parishes Community College     | 0         | 0                         | 0.00             | 1,175     | 252                       | 4.66             | 1,175     | 156                       | 7.53             | 1,175     | 30                        | 39.17            |           |                           |                  |
| L.T.C. Fletcher                      | 21,629    | 6,502                     | 3.33             |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| Louisiana Delta Community College    | 0         | 0                         | 0.00             |           |                           |                  |           |                           |                  |           |                           |                  |           |                           |                  |
| Total                                | 304,522   | 67,185                    |                  | 188,072   | 36,512                    |                  | 188,687   | 12,203                    |                  | 182,470   | 34,456                    |                  | 191,659   | 33,754                    |                  |
| Average                              |           |                           | 4.53             |           |                           | 5.14             |           |                           | 6.81             |           |                           | 5.30             |           |                           | 5.68             |

\* Space Factor = ASF/Student Clock Hours (210's only)

\*\* Not Available

# SPACE FACTORS FOR CLASSROOMS (TABLE 12) 2003



# SPACE FACTORS FOR CLASS LABORATORIES (TABLE 12) 2003

