



Massachusetts Board of Higher Education

State & Community Colleges

Utilization Study Summary

December 2007

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Context

The results presented here are based on the Rickes and Associates instructional space utilization study conducted during FY06 -07. The intent of the study was to provide an assessment of the adequacy of general purpose and specialized instructional space at each institution. This information has been reviewed and approved by each college and integrated into their campus master plan.

Analysis

The information analyzed for this study included: instructional space inventory, course schedules and enrollment data. Enrollment data covered the period FY00 to FY05; course schedule and space inventory was as of FY04 or FY05.

There are four metrics used in this report:

scheduling window –span of daytime hours during which a course may be scheduled. The benchmark is 30 hours per week for community colleges and 40 hours for state colleges.

room utilization rate - percent of the scheduling window for which a space is scheduled. The benchmark is 67% for general purpose space and 50% specialized instructional space.

seat occupancy rate - percent of room capacity that is occupied when the room is scheduled. The benchmark is 67% for general purpose space and 80% for specialized instructional space¹.

square feet per station – the benchmark is consistent with industry norms.

Recommendations

The individual college report includes both capital and non-capital recommendations. Capital recommendations address the addition or modification of space. Non-capital recommendations include scheduling opportunities, identifying specific rooms that may underutilized and the changes to the configuration of classrooms (adding or removing desks and chairs).

Other Notes

Other considerations in reviewing the analysis for each institution:

- projections assume no change in the scheduling window, course sizes, or enrollment levels
- space used by other institutions and non-credit courses were not analyzed

¹ The higher benchmark for specialized space reflects the higher capital investment needed to create and maintain such spaces and the greater predictability of their class sizes.

- classes held at off-site locations were not used to determine on-campus demand for classroom space².
- specialized instructional space needs are aggregated. A surplus of available space in a specific type of specialized space (auto shop) could mask a shortage in another type of specialized space. The number of specialized instructional spaces needed was set equal to the number available for this analysis; square footage for these spaces does represent aggregate surpluses and shortages.

² These programs typically serve constituents in a particular geographic location or address training for employers that would not normally be offered on the main campus.

Community Colleges

| Berkshire | | | | | | |
|-------------------------|------------------|--------------|-----------------|--------------|--------------------------|--------------|
| Capacity | Available | | Required | | Surplus/(Deficit) | |
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 35 | 26,895 | 31 | 22,682 | 4 | 4,213 |
| Specialized instruction | 20 | 18,301 | 20 | 21,920 | 0 | (3,619) |

| Space Use | Seat Occupancy | | | Room Utilization | |
|------------------|-----------------------|--------------------|--|-------------------------|--------------------|
| | General | Specialized | | General | Specialized |
| Actual | 54% | 66% | | 60% | 26% |
| Benchmark | 67% | 80% | | 67% | 50% |
| Variance | (13)% | (14)% | | (7)% | (24)% |

Notes

Bristol

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|----------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 48 | 34,206 | 63 | 48,378 | (15) | (14,172) |
| Specialized instruction | 37 | 38,801 | 37 | 48,620 | 0 | (9,819) |

| Space Use | Seat Occupancy | | Room Utilization | |
|-----------|----------------|-------------|------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 52% | 61% | 87% | 54% |
| Benchmark | 67% | 80% | 67% | 50% |
| Variance | (15)% | (19)% | 20% | 4% |

Notes

Bristol is currently working to procure leased space in Attleboro (25,000 sq ft).

Bunker Hill

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 50 | 41,681 | 54 | 39,732 | (4) | 1,949 |
| Specialized instruction | 34 | 30,817 | 34 | 35,128 | 0 | (4,311) |

| Space Use | Seat Occupancy | | Room Utilization | |
|------------------|----------------|-------------|------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 68% | 61% | 73% | 43% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 1% | (19)% | 6% | (7)% |

Notes

Bunker Hill is currently in the process of design/construction of a new allied health facility.

Cape Cod

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|----------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 29 | 19,412 | 36 | 31,108 | (7) | (11,969) |
| Specialized instruction | 23 | 18,613 | 23 | 26,650 | 0 | (8,037) |

| Space Use | Seat Occupancy | | Room Utilization | |
|------------------|----------------|-------------|------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 55% | 66% | 84% | 60% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (12)% | (14)% | 17% | 10% |

Notes

Course schedule and enrollment data are from 2004.

Greenfield

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 28 | 22,041 | 27 | 20,416 | 1 | 1,625 |
| Specialized instruction | 29 | 28,076 | 29 | 31,014 | 0 | (2,938) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 60% | 58% | 63% | 45% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (7)% | (22)% | (4)% | (5)% |

Notes

Course schedule and enrollment data are from 2005. Greenfield is currently in the process of program design for the Core facility.

Holyoke

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|----------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 62 | 41,043 | 70 | 59,158 | (8) | (18,115) |
| Specialized instruction | 34 | 37,733 | 34 | 44,880 | 0 | (7,147) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 72% | 67% | 76% | 64% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 5% | (13)% | 9% | 14% |

Notes

Course schedule and enrollment data are from 2004. The data does not reflect the new Kittridge Center, opened in 2006 (55,000 GSF).

Mass Bay - Wellesley

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|----------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 36 | 24,786 | 41 | 37,026 | (5) | (12,240) |
| Specialized instruction | 14 | 16,206 | 14 | 21,719 | 0 | (5,513) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 69% | 67% | 77% | 54% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 2% | (13)% | 10% | 4% |

Mass Bay - Framingham

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|-------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 19 | 14,107 | 14 | 10,032 | 5 | 4,075 |
| Specialized instruction | 10 | 11,954 | 10 | 10,920 | 0 | 1,034 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 49% | 72% | 51% | 44% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (18)% | (8)% | (16)% | (6)% |

Notes

MassBay has programs in two leased facilities, Framingham and Ashland. The Framingham lease expires in 2013.

Massasoit Brockton

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|----------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 65 | 40,534 | 70 | 52,492 | (5) | (11,958) |
| Specialized instruction | 23 | 25,196 | 23 | 29,538 | 0 | (4,342) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 56% | 70% | 72% | 62% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (11)% | (10)% | 5% | 12% |

Notes

Course schedule and enrollment data are from 2004.

Massasoit Canton

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|-------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 15 | 10,891 | 14 | 9,922 | 1 | 969 |
| Specialized instruction | 25 | 38,314 | 25 | 30,694 | 0 | 7,620 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 52% | 56% | 62% | 45% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (15)% | (24)% | (5)% | (5)% |

Notes

Course schedule and enrollment data are from 2004.

**Middlesex -
Bedford**

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 36 | 23,534 | 36 | 29,194 | 0 | (5,660) |
| Specialized instruction | 22 | 18,656 | 22 | 22,920 | 0 | 4,264 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 69% | 63% | 67% | 55% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 2% | (17)% | 0% | 5% |

**Middlesex -
Lowell**

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 46 | 29,070 | 47 | 37,224 | (1) | (8,154) |
| Specialized instruction | 20 | 18,983 | 20 | 22,680 | 0 | 3,697 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 68% | 83% | 68% | 51% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 1% | 3% | 1% | 1% |

Mt. Wachusett

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 47 | 26,016 | 40 | 33,948 | 7 | (7,932) |
| Specialized instruction | 31 | 32,252 | 31 | 32,719 | 0 | (467) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 72% | 61% | 58% | 39% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 5% | (19)% | (9)% | (11)% |

Notes

The college recently secured a lease for additional general and specialized academic space in Devens.

**North Shore -
Danvers**

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 37 | 25,187 | 38 | 32,384 | (1) | (7,197) |
| Specialized instruction | 19 | 17,197 | 19 | 21,910 | 0 | (4,713) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 74% | 77% | 70% | 58% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | 7% | (3)% | 3% | 8% |

**North Shore -
Lynn**

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 23 | 18,039 | 28 | 22,066 | (5) | (4,027) |
| Specialized instruction | 15 | 16,882 | 15 | 16,640 | 0 | 242 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 63% | 68% | 80% | 45% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (4)% | (12)% | 13% | (5)% |

Notes

North Shore is currently in the process of program design for a new allied health facility at the Danvers campus.

**Northern Essex
– Haverhill**

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 45 | 40,180 | 42 | 35,662 | 3 | 4,518 |
| Specialized instruction | 28 | 28,551 | 28 | 32,147 | 0 | (3,596) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 58% | 61% | 63% | 42% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (9)% | (9)% | (4)% | (8)% |

**Northern Essex
- Lawrence**

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|-------|----------|--------|-------------------|-------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 13 | 9,093 | 12 | 9,548 | 1 | (455) |
| Specialized instruction | 10 | 9,742 | 10 | 10,620 | 0 | (878) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 65% | 85% | 62% | 38% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (2)% | 5% | (5)% | (12)% |

Notes

Quinsigamond

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|----------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 47 | 28,488 | 61 | 44,594 | (14) | (16,106) |
| Specialized instruction | 23 | 20,520 | 23 | 21,280 | 0 | (760) |

| Space Use | Seat Occupancy | | | Room Hour Utilization | |
|------------------|----------------|-------------|--|-----------------------|-------------|
| | General | Specialized | | General | Specialized |
| Actual | 67% | 67% | | 87% | 90% |
| Benchmark | 67% | 80% | | 67% | 50% |
| Actual-Benchmark | 0% | (13)% | | 20% | 40% |

Notes

Course schedule and enrollment data are from 2005.

Roxbury

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 48 | 23,373 | 34 | 23,870 | 14 | (497) |
| Specialized instruction | 22 | 19,613 | 22 | 20,740 | 0 | (1,127) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 62% | 51% | 47% | 30% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (5)% | (29)% | (20)% | (20)% |

Notes

STCC

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|---------|----------|---------|-------------------|--------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 84 | 72,095 | 63 | 49,676 | 21 | 22,419 |
| Specialized instruction | 107 | 117,609 | 107 | 107,099 | 0 | 10,510 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 63% | 61% | 50% | 42% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (4)% | (19)% | (17)% | (8)% |

Notes

Course schedule and enrollment data are from 2005.

State Colleges

| Bridgewater | | | | | | |
|-------------------------|------------------|--------------|-----------------|--------------|--------------------------|--------------|
| Capacity | Available | | Required | | Surplus/(Deficit) | |
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 87 | 60,867 | 90 | 89,606 | (3) | (28,739) |
| Specialized instruction | 52 | 45,509 | 52 | 50,909 | 0 | (5,400) |

| Space Use | Seat Occupancy | | | Room Hour Utilization | |
|------------------|-----------------------|--------------------|--|------------------------------|--------------------|
| | General | Specialized | | General | Specialized |
| Actual | 70% | 71% | | 69% | 31% |
| Benchmark | 67% | 80% | | 67% | 50% |
| Actual-Benchmark | 3% | (9)% | | 2% | (19)% |

Notes

Course schedule and enrollment data are from 2005.

Fitchburg

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|----------------|-------------|----------|-----------------------|-------------------|--------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 67 | 56,649 | 46 | 45,958 | 21 | 14,712 |
| Specialized instruction | 42 | 62,214 | 42 | 47,740 | 0 | 14,474 |
| Space Use | Seat Occupancy | | | Room Hour Utilization | | |
| | General | Specialized | | General | Specialized | |
| Actual | 60% | 59% | | 46% | 25% | |
| Benchmark | 67% | 80% | | 67% | 50% | |
| Actual-Benchmark | (7)% | (21)% | | (21)% | (25)% | |

Notes

Course schedule and enrollment data are from 2004.

Framingham

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|-------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 64 | 51,856 | 60 | 52,118 | 4 | (262) |
| Specialized instruction | 43 | 39,872 | 43 | 40,496 | 0 | (624) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 59% | 59% | 62% | 26% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (8)% | (21)% | (5)% | (24)% |

Notes

The college is currently considering a facility in Marlborough.

MassArt

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|--------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 30 | 23,960 | 21 | 14,102 | 9 | 9,858 |
| Specialized instruction | 61 | 78,602 | n/a | 62,980 | n/a | 15,622 |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 57% | 57% | 48% | 41% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (10)% | (23)% | (19)% | (9)% |

Notes

MCLA

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 30 | 19,914 | 26 | 20,152 | 4 | (238) |
| Specialized instruction | 17 | 13,635 | 17 | 14,862 | 0 | (1,227) |

| Space Use | Seat Occupancy | | | Room Hour Utilization | |
|------------------|----------------|-------------|--|-----------------------|-------------|
| | General | Specialized | | General | Specialized |
| Actual | 45% | 63% | | 57% | 23% |
| Benchmark | 67% | 80% | | 67% | 50% |
| Actual-Benchmark | (22)% | (17)% | | (10)% | (27)% |

Notes

Massachusetts Maritime Academy

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|-------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 26 | 21,443 | 18 | 14,696 | 8 | 6,741 |
| Specialized instruction | 28 | 27,948 | n/a | 28,629 | n/a | (681) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 62% | 102% | 47% | 21% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (5)% | 22% | (20)% | (29)% |

Notes

Salem

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 93 | 70,623 | 87 | 75,878 | 6 | (5,255) |
| Specialized instruction | 46 | 44,785 | 46 | 48,705 | 0 | (3,920) |

| Space Use | Seat Occupancy | | | Room Hour Utilization | |
|------------------|----------------|-------------|--|-----------------------|-------------|
| | General | Specialized | | General | Specialized |
| Actual | 61% | 71% | | 63% | 40% |
| Benchmark | 67% | 80% | | 67% | 50% |
| Actual-Benchmark | (6)% | (9)% | | (4)% | (10)% |

Notes

Westfield

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 56 | 43,412 | 54 | 52,118 | 2 | (8,706) |
| Specialized instruction | 41 | 44,963 | 41 | 45,539 | 0 | (576) |

| Space Use | Seat Occupancy | | | Room Hour Utilization | |
|------------------|----------------|-------------|--|-----------------------|-------------|
| | General | Specialized | | General | Specialized |
| Actual | 66% | 64% | | 65% | 23% |
| Benchmark | 67% | 80% | | 67% | 50% |
| Actual-Benchmark | (1)% | (16)% | | (2)% | (27)% |

Notes

Course schedule and enrollment data are from 2004.

Worcester

| Capacity | Available | | Required | | Surplus/(Deficit) | |
|-------------------------|-----------|--------|----------|--------|-------------------|---------|
| | Rooms | Sq Ft | Rooms | Sq Ft | Rooms | Sq Ft |
| General purpose | 84 | 60,670 | 54 | 46,200 | 30 | 14,470 |
| Specialized instruction | 34 | 34,495 | 34 | 39,840 | 0 | (5,345) |

| Space Use | Seat Occupancy | | Room Hour Utilization | |
|------------------|----------------|-------------|-----------------------|-------------|
| | General | Specialized | General | Specialized |
| Actual | 61% | 74% | 43% | 31% |
| Benchmark | 67% | 80% | 67% | 50% |
| Actual-Benchmark | (6)% | (6)% | (24)% | (19)% |

Notes

Course schedule and enrollment data are from 2005.