PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

TABLE 7

The statistics which reflect percent of student utilization are extremely valuable when planning new facilities. They provide a general guide for the need for various sizes of classrooms and laboratories. The comparison between how well the teaching facilities accommodate the size of the classes being conducted in them is helpful; however, the ratio does not indicate how efficiently the facilities are being used. It must be noted that data in Table 7 only include rooms which are in use (scheduled), and is, therefore, an indication of how the capacity of the room is matched to the number of students in the class.

The percent of student station utilization is derived from the ratio of the total student hours of instruction to the potential student hours of instruction. The total student hours of instruction is defined as the enrollment of the class multiplied by the hours the class meets per day which is then multiplied by the number of days per week the class meets. The potential student hours of instruction is defined as the number of hours that the course meets each week, rounded to the nearest half hour, multiplied by the number of days per week the class meets. This figure is then multiplied by the capacity of the room.

Norm: Classrooms - 60% Student Station Utilization
           Laboratories - 80% Student Station Utilization

$$\text{Percent Student Station Utilization} = \frac{\text{Total Student Hours of Instruction}}{\text{Potential Student Hours of Instruction}}$$

As we continue with the sample data:

ENROLL-MENT	ROOM TYPE		CAPACITY		
33	110	3 days * 1 hour * 33 = 99	50	3 days * 1 hour * 50 =	150
40	110	2 days * 1.5 hr * 40 = 120	50	2 days * 1.5 hr * 50 =	150
46	110	3 days * 1 hour * 46 = 138	50	3 days * 1 hour * 50 =	150
26	110	2 days * 1.5 hr * 26 = 78	50	2 days * 1.5 hr * 50 =	150
52	110	3 days * 1 hour * 52 = 156	50	3 days * 1 hour * 50 =	150

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45        110      3 days * 1 hour * 45 = 135   50       3 days * 1 hour * 50 =  150
54        110      2 days * 1.5 hr * 54 = 162   50       2 days * 1.5 hr * 50 =  150
26        110      3 days * 1 hour * 26 =  78   50       3 days * 1 hour * 50 =  150
30        110      3 days * 1 hour * 30 =  90   50       3 days * 1 hour * 50 =  150
39        110      2 days * 1.5 hr * 39 = 117   50       2 days * 1.5 hr * 50 =  150
                                          -----                                -----
                                 TOTALS  1,173                                1,500

17        210      1 day  * 3 hrs  * 17 =  51   24       1 day  * 3 hrs  * 24 =   72
14        210      1 day  * 3 hrs  * 14 =  42   24       1 day  * 3 hrs  * 24 =   72
25        210      3 days * 1 hour * 25 =  75   40       1 day  * 3 hrs  * 40 =  120
35        210      3 days * 1 hour * 35 = 105   40       1 day  * 3 hrs  * 40 =  120
30        210      2 days * 1.5 hr * 30 =  90   40       1 day  * 3 hrs  * 40 =  120
29        210      1 day  * 3 hrs  * 29 =  87   40       1 day  * 3 hrs  * 40 =  120
21        210      1 day  * 3 hrs  * 21 =  63   40       1 day  * 3 hrs  * 40 =  120
22        210      1 day  * 3 hrs  * 22 =  66   40       1 day  * 3 hrs  * 40 =  120
13        210      1 day  * 3 hrs  * 13 =  39   24       1 day  * 3 hrs  * 24 =   72
16        210      1 days * 3 hrs  * 16 =  48   24       1 day  * 3 hrs  * 24 =   72
                                          ----                                 -----
                                 TOTALS  666                                  1,008
```

Total Student Hours in Classrooms =   1173

---   -------- = .782 or 78%

     Capacity in Classrooms   =   1500

Total Student Hours in Class Laboratories =   666

--   -------- = .660 or 66%

     Capacity in Class Laboratories   =   1008

The report for one institution would look like this:

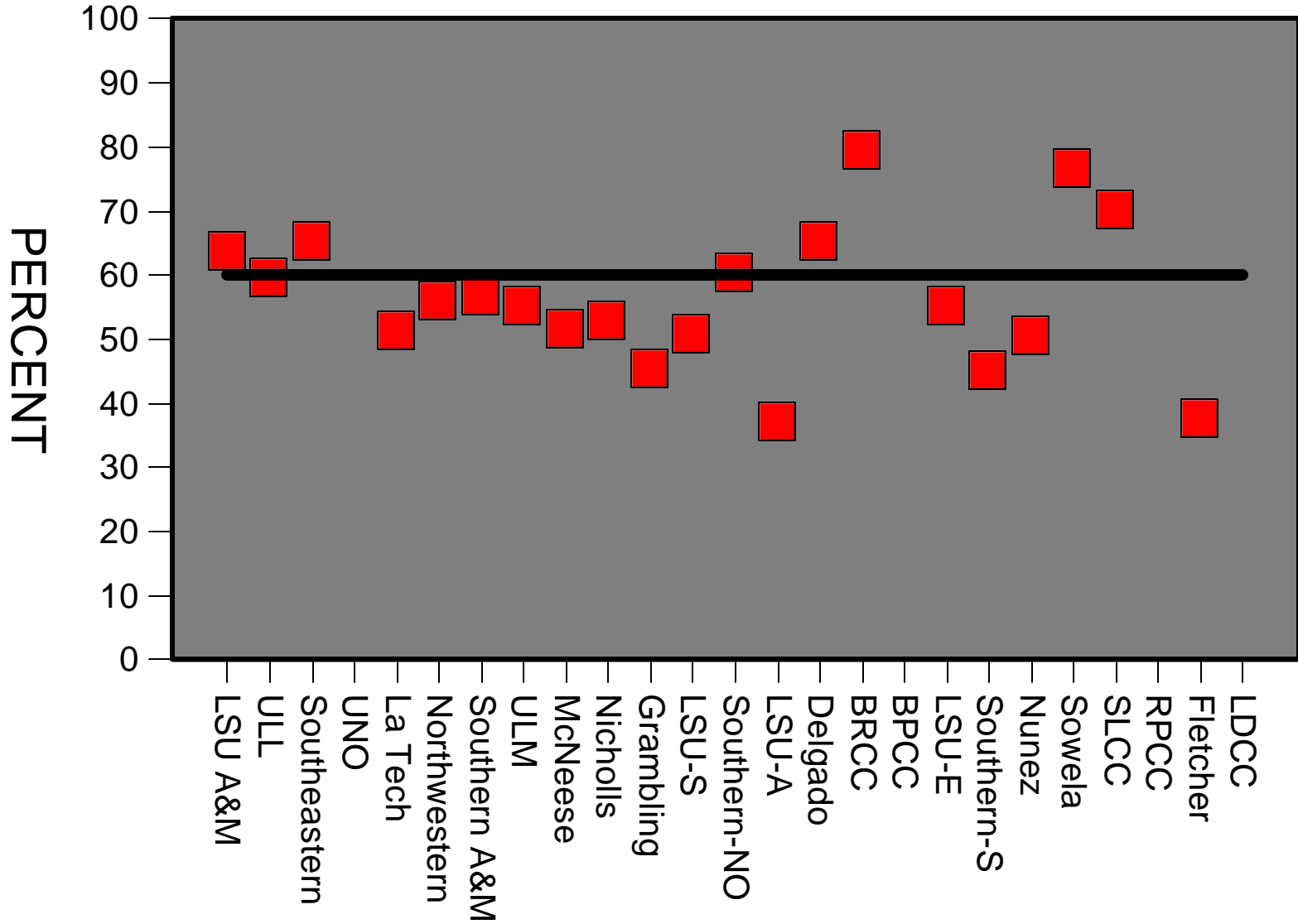|	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

TABLE 7
PERCENT STUDENT STATION UTILIZATION OF OCCUPIED
CLASSROOMS AND CLASS LABORATORIES

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2003	2002	2001	2000	1999	2003	2002	2001	2000	1999
PUBLIC FOUR YEAR INSTITUTIONS											
LSU A&M (Including Ag. & Law)	29,348	63.9	62.1	58.0	63.7	60.7	57.1	94.4	59.5	63.6	86.5
University of Louisiana in Lafayette	13,963	59.8	62.3	61.2	61.0	66.0	67.8	70.1	68.1	68.8	69.0
Southeastern Louisiana University	13,134	65.6	67.6	68.0	67.6	66.8	59.5	64.0	69.5	52.5	62.1
University of New Orleans	12,971	**	53.1	51.5	51.5	49.2	**	81.1	75.8	75.8	87.1
Louisiana Tech University	10,609	51.6	46.1	49.2	52.2	53.2	61.9	56.1	53.3	47.9	55.0
Northwestern State University	8,634	56.3	58.0	55.7	48.9	45.7	43.6	51.8	46.3	52.8	51.9
Southern University A&M	8,772	56.9	56.9	58.8	64.8	**	72.0	75.5	73.8	82.6	**
University of Louisiana in Monroe	7,427	55.4	**	**	54.3	51.9	56.6	**	**	67.9	69.5
McNeese State University	7,248	51.7	52.7	53.1	52.6	53.1	43.3	40.9	37.5	38.8	42.6
Nicholls State University	6,082	53.1	53.0	52.0	53.3	53.3	42.1	41.2	50.9	45.9	47.8
Grambling State University	4,339	45.7	47.6	64.3	39.8	45.0	73.5	75.3	71.9	56.7	63.2
LSU in Shreveport	3,122	51.0	48.0	49.2	47.0	**	58.2	55.6	58.6	58.0	**
Southern University at New Orleans	2,811	60.7	54.3	75.1	76.9	80.7	78.3	84.2	112.7	112.8	125.6
LSU at Alexandria	2,015	37.3	42.5	40.2	41.2	47.8	59.8	77.6	62.2	66.8	74.0
PUBLIC TWO YEAR INSTITUTIONS											
Delgado Community College	10,583	65.6	67.2	**	61.0	61.2	61.6	56.7	**	59.8	58.3
Baton Rouge Community College	3,902	79.7	72.7	14.5	85.6	82.2	91.7	92.9	21.4	89.6	96.6
Bossier Parish Community College	2,802	**					**				
LSU at Eunice	2,266	55.5	54.8	49.8	46.0	53.6	53.9	51.8	51.6	40.4	73.8
Southern University at Shreveport	1,694	45.3	52.7	47.9	43.9	46.2	77.1	84.2	69.8	57.2	59.4
Elaine P. Nunez Community College	1,611	50.8	**	44.9	72.2	**	69.3	**	73.9	60.8	**
L.T.C. - Sowela	1,167	76.9					24.0				
South Louisiana Community College	801	70.3					78.8				
River Parishes Community College	426	**	61.4	62.7	59.3	46.2	**	58.3	54.1	62.5	59.4
L.T.C. - Fletcher	359	37.9					20.4				
Louisiana Delta Community College	301	**					**				

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2003

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2003