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
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:

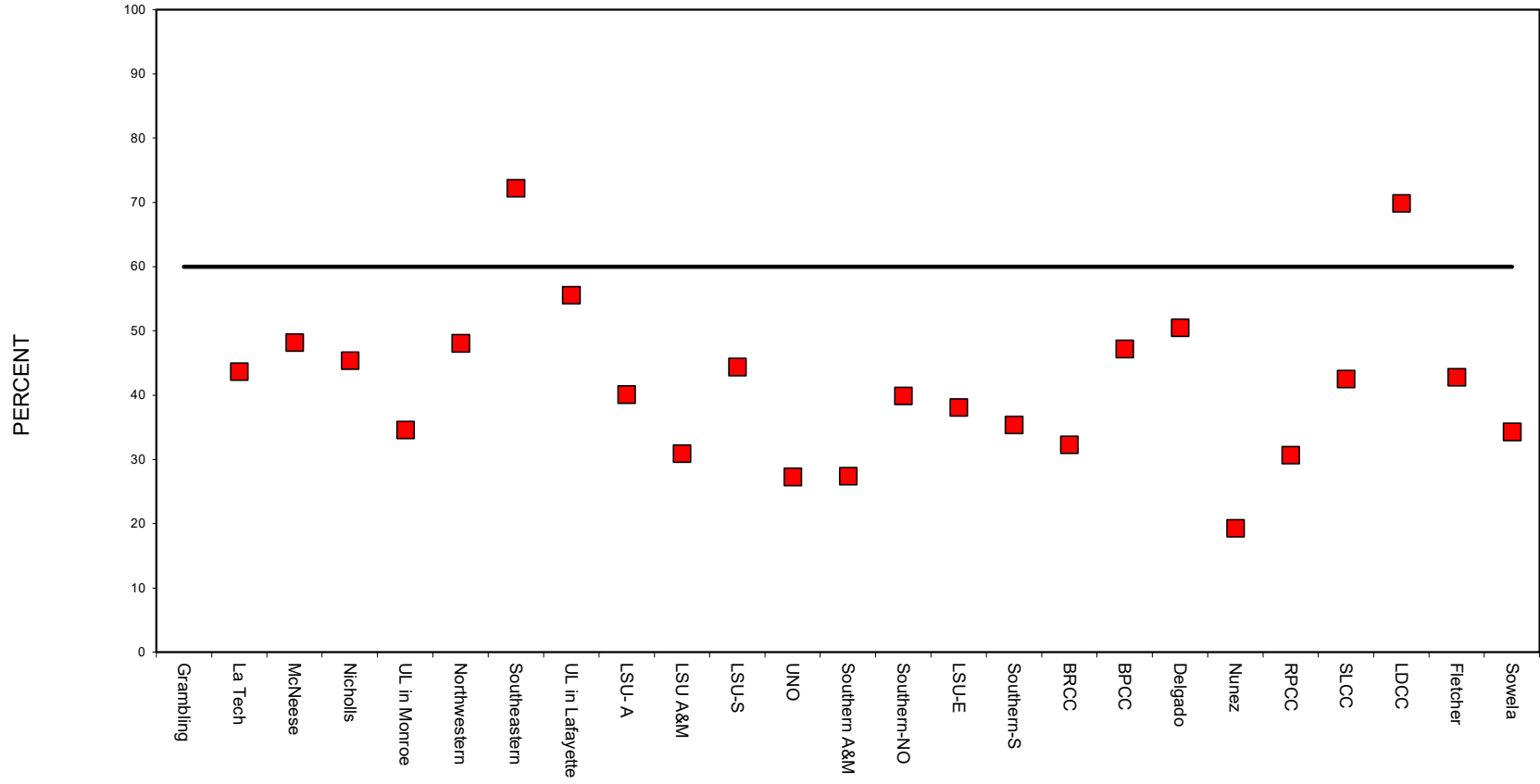|	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

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

INSTITUTION	FTE	CLASSROOMS						LABORATORIES				
		2021	2019	2018	2017	2016		2021	2019	2018	2017	2016
PUBLIC FOUR YEAR INSTITUTIONS												
Grambling State University	4,554	43.7	47.7	49.0	50.5	53.7		30.9	46.9	43.0	45.7	49.3
Louisiana Tech University	10,085	48.2	54.8	57.5	58.1	60.1		58.8	74.2	70.9	73.2	72.4
McNeese State University	6,378	45.4	31.0	42.7	25.5	26.2		80.1	57.3	62.3	79.5	82.4
Nicholls State University	5,653	34.6	38.3	37.1	38.8	40.0		64.6	63.5	57.3	54.8	52.8
University of Louisiana in Monroe	7,273	48.1	53.2	58.2	58.6	56.9		71.7	78.9	93.7	85.9	84.9
Northwestern State University	8,308	72.2	54.2	53.3	58.4	56.1		107.5	57.3	53.0	52.6	35.5
Southeastern Louisiana University	11,195	55.6	65.5	61.1	60.5	59.9		51.1	41.1	48.2	48.5	53.8
University of Louisiana in Lafayette	14,140	40.1	53.5	53.8	53.7	55.4		52.1	60.4	60.2	60.0	59.7
LSU at Alexandria	6,259	30.9	42.1	42.1	26.2	42.1		36.9	43.8	43.8	39.4	43.8
LSU A&M (Including Ag. & Law)	2,397	44.4	36.4	27.2	38.1	27.5		42.6	37.7	39.4	45.5	42.8
LSU in Shreveport	29,177	27.3	38.6	39.1	38.5	39.2		46.5	46.8	48.0	53.3	50.0
University of New Orleans	5,000	27.4	41.8	38.8	42.1	39.8		42.1	63.4	50.0	43.8	51.1
Southern University A&M(Including Law)	6,614	39.9	45.1	45.9	48.4	48.6		26.5	38.1	41.6	35.7	35.1
Southern University at New Orleans	1,804	38.1	65.3	63.4	63.4	64.1		45.1	71.9	68.0	68.0	63.2
PUBLIC TWO YEAR INSTITUTIONS												
LSU at Eunice	2,034	35.4	39.8	44.8	43.0	44.1		53.3	69.3	66.4	66.3	63.6
Southern University at Shreveport	1,647	32.3	45.7	39.7	38.4	42.6		41.7	45.5	38.1	53.4	62.2
Baton Rouge Community College	4,806	47.2	61.6	65.2	68.8	63.8		57.7	43.2	43.7	50.4	37.1
Bossier Parish Community College	3,597	50.5	62.1	66.4	665.3	55.5		50.7	57.8	69.7	671.4	59.7
Delgado Community College	7,363	19.3	42.6	43.8	42.4	43.8		16.8	66.0	66.1	69.1	71.5
Nunez Community College	1,194	30.7	41.4	45.1	55.3	41.6		32.5	57.2	44.5	80.9	18.0
River Parishes Community College	1,530	42.5	65.2	72.9	69.9	57.3		28.3	43.7	33.7	36.6	44.0
South Louisiana Community College	2,951	69.9	67.3	66.6	80.4	78.3		58.0	58.7	68.1	82.1	82.0
Acadian	75	22.7	57.0	50.3	64.6	0.0		58.4	42.8	63.7	65.1	53.8
Charles B. Coreil	60	28.2	22.0	21.5	37.6	24.2		31.3	0.0	60.0	90.0	0.0
Evangeline	55	26.1	40.3	53.3	35.2	41.2		0.0	0.0	54.6	0.0	0.0
Gulf Area	126	73.3	66.5	75.3	104.0	33.9		29.9	57.4	76.9	74.6	59.5
Lafayette	362	60.6	86.4	79.0	74.6	0.0		62.8	76.8	73.0	69.9	218.1
T. H. Harris	301	72.5	76.1	66.8	66.8	76.5		76.7	69.5	61.1	63.7	60.2
Young Memorial	103	32.3	67.5	50.5	28.5	37.8		22.0	10.3	5.9	11.7	8.9
Louisiana Delta Community College	2,396	42.8	71.6	72.5	71.5	71.5		18.5	44.0	44.0	27.0	27.0
L E. Fletcher Tech Community College	1,025	34.3	54.7	62.4	34.2	36.0		30.9	22.8	19.1	41.7	46.8
Lafourche	118	72.8						10.7				

Sowela Technical Community College	2,017	49.1	52.4	44.1	46.4	49.7	41.9	47.3	46.8	59.7	56.2
Central LA Technical College											
Alexandria	487	32.7	42.3	24.7	19.6	49.0	0.0	36.1	28.8	25.0	23.9
Avoyelles	97	39.0	57.3	59.8	66.7	69.1	13.4	62.6	44.8	45.1	60.0
Huey P. Long	187	0.0	0.0	0.0	0.0	0.0	14.2	15.8	15.9	15.8	27.1
Lamar Salter	103	25.6	35.6	41.1	37.0	50.7	14.8	12.2	25.1	14.7	21.9
Natchitoches	245	43.4	27.5	31.0	34.9	33.5	21.5	20.8	25.9	28.5	33.5
Sabine Valley	71	20.7	36.1	54.7	54.7	47.6	48.0	0.0	0.0	0.0	21.3
Shelby Jackson	98	19.8	48.0	48.8	45.4	43.4	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College	622	25.3					20.4				
Northshore Technical Community College											
Florida Parish	231	51.9					5.0				
Hammond	461	54.8					15.7				
Lacombe	848	50.4					58.7				
Livingston	217	25.3					28.7				
Sullivan	337	37.8	56.2	53.9	51.7	56.3	34.8	30.6	28.2	25.0	45.2

*DOES NOT INCLUDE SATURDAY CLASSES

PERCENT STUDENT STATION UTILIZATION OF
OCCUPIED CLASSROOMS (TABLE 7) 2021

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2021