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

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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
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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:

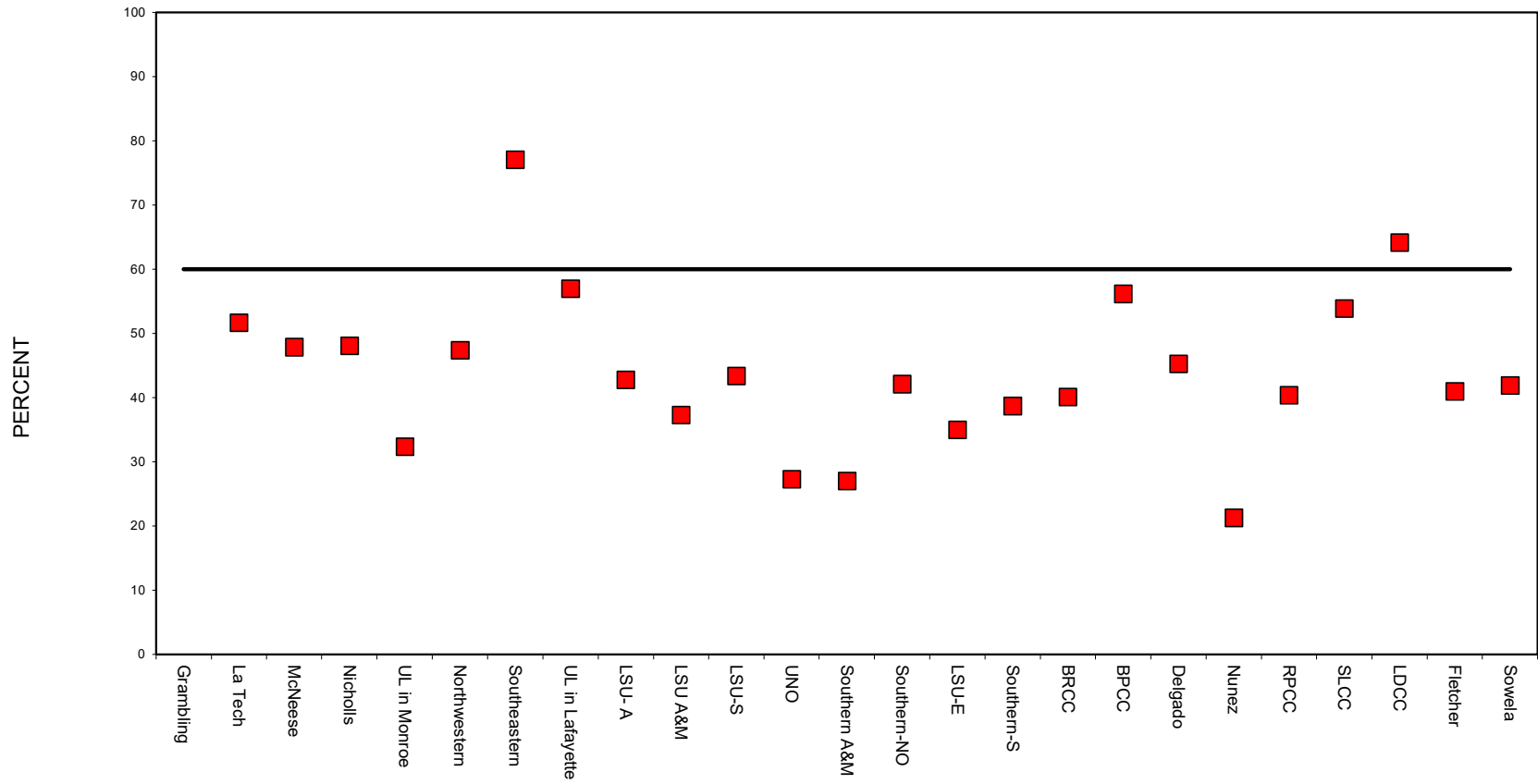|	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

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

INSTITUTION	FTE	CLASSROOMS						LABORATORIES				
		2022	2021	2019	2018	2017		2022	2021	2019	2018	2017
PUBLIC FOUR YEAR INSTITUTIONS												
Grambling State University	4,367	51.7	43.7	47.7	49.0	50.5		35.5	30.9	46.9	43.0	45.7
Louisiana Tech University	9,151	47.9	48.2	54.8	57.5	58.1		59.9	58.8	74.2	70.9	73.2
McNeese State University	5,310	48.1	45.4	31.0	42.7	25.5		78.1	80.1	57.3	62.3	79.5
Nicholls State University	4,947	32.4	34.6	38.3	37.1	38.8		60.2	64.6	63.5	57.3	54.8
University of Louisiana in Monroe	6,623	47.4	48.1	53.2	58.2	58.6		59.4	71.7	78.9	93.7	85.9
Northwestern State University	6,787	77.1	72.2	54.2	53.3	58.4		110.5	107.5	57.3	53.0	52.6
Southeastern Louisiana University	9,940	57.0	55.6	65.5	61.1	60.5		50.7	51.1	41.1	48.2	48.5
University of Louisiana in Lafayette	12,605	42.8	40.1	53.5	53.8	53.7		52.6	52.1	60.4	60.2	60.0
LSU at Alexandria	2,909	37.3	30.9	42.1	42.1	26.2		43.6	36.9	43.8	43.8	39.4
LSU A&M (Including Ag. & Law)	33,724	43.4	44.4	36.4	27.2	38.1		45.4	42.6	37.7	39.4	45.5
LSU in Shreveport	5,122	27.3	27.3	38.6	39.1	38.5		46.5	46.5	46.8	48.0	53.3
University of New Orleans	5,274	27.0	27.4	41.8	38.8	42.1		40.3	42.1	63.4	50.0	43.8
Southern University A&M(Including Law)	7,168	42.1	39.9	45.1	45.9	48.4		36.0	26.5	38.1	41.6	35.7
Southern University at New Orleans	1,320	35.0	38.1	65.3	63.4	63.4		44.8	45.1	71.9	68.0	68.0
PUBLIC TWO YEAR INSTITUTIONS												
LSU at Eunice	2,046	38.7	35.4	39.8	44.8	43.0		69.0	53.3	69.3	66.4	66.3
Southern University at Shreveport	1,901	40.1	32.3	45.7	39.7	38.4		25.9	41.7	45.5	38.1	53.4
Baton Rouge Community College	5,479	56.2	47.2	61.6	65.2	68.8		58.6	57.7	43.2	43.7	50.4
Bossier Parish Community College	3,963	45.3	50.5	62.1	66.4	665.3		52.9	50.7	57.8	69.7	671.4
Delgado Community College	7,375	21.3	19.3	42.6	43.8	42.4		22.5	16.8	66.0	66.1	69.1
Nunez Community College	1,240	40.4	30.7	41.4	45.1	55.3		41.1	32.5	57.2	44.5	80.9
River Parishes Community College	1,526	53.9	42.5	65.2	72.9	69.9		33.1	28.3	43.7	33.7	36.6
South Louisiana Community College	2,992	64.2	69.9	67.3	66.6	80.4		55.8	58.0	58.7	68.1	82.1
Acadian	65	22.0	22.7	57.0	50.3	64.6		61.5	58.4	42.8	63.7	65.1
Charles B. Coreil	58	37.4	28.2	22.0	21.5	37.6		34.4	31.3	0.0	60.0	90.0
Evangeline	36	11.4	26.1	40.3	53.3	35.2		32.6	0.0	0.0	54.6	0.0
Gulf Area	140	85.4	73.3	66.5	75.3	104.0		40.4	29.9	57.4	76.9	74.6
Lafayette	333	58.6	60.6	86.4	79.0	74.6		58.9	62.8	76.8	73.0	69.9
T. H. Harris	334	57.8	72.5	76.1	66.8	66.8		45.9	76.7	69.5	61.1	63.7
Young Memorial	96	35.9	32.3	67.5	50.5	28.5		17.0	22.0	10.3	5.9	11.7
Louisiana Delta Community College	2,444	41.0	42.8	71.6	72.5	71.5		19.4	18.5	44.0	44.0	27.0
L E. Fletcher Tech Community College	1,257	41.9	34.3	54.7	62.4	34.2		25.3	30.9	22.8	19.1	41.7
Sowela Technical Community College	2,193	44.9	49.1	52.4	44.1	46.4		41.9	41.9	47.3	46.8	59.7

Central LA Technical College											
Alexandria	438	31.9	32.7	42.3	24.7	19.6	0.0	0.0	36.1	28.8	25.0
Avoyelles	108	56.4	39.0	57.3	59.8	66.7	13.4	13.4	62.6	44.8	45.1
Huey P. Long	183	0.0	0.0	0.0	0.0	0.0	15.3	14.2	15.8	15.9	15.8
Shelby Jackson	113	15.0	19.8	48.0	48.8	45.4	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College	619	26.9	25.3				20.5	20.4			
Northshore Technical Community College											
Florida Parish	194	43.5	51.9				53.3	5.0			
Hammond	455	37.0	54.8				18.0	15.7			
Lacombe	870	53.9	50.4				48.3	58.7			
Livingston	288	30.8	25.3				25.9	28.7			
Sullivan	323	33.0	37.8	56.2	53.9	51.7	0.0	34.8	30.6	28.2	25.0

*DOES NOT INCLUDE SATURDAY CLASSES

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2022

PERCENT STUDENT STATION UTILIZATION OF
OCCUPIED CLASS LABS (TABLE 7) 2022

PERCENT

Grambling, La Tech, McNeese, Nicholls, UL in Monroe, Northwestern, Southeastern, UL in Lafayette, LSU-A, LSU A&M, LSU-S, UNO, Southern A&M, Southern-NO, LSU-E, Southern-S, BRCC, BPCC, Delgado, Nunez, RPCC, SLCC, LDCC, Fletcher, Sowela