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:

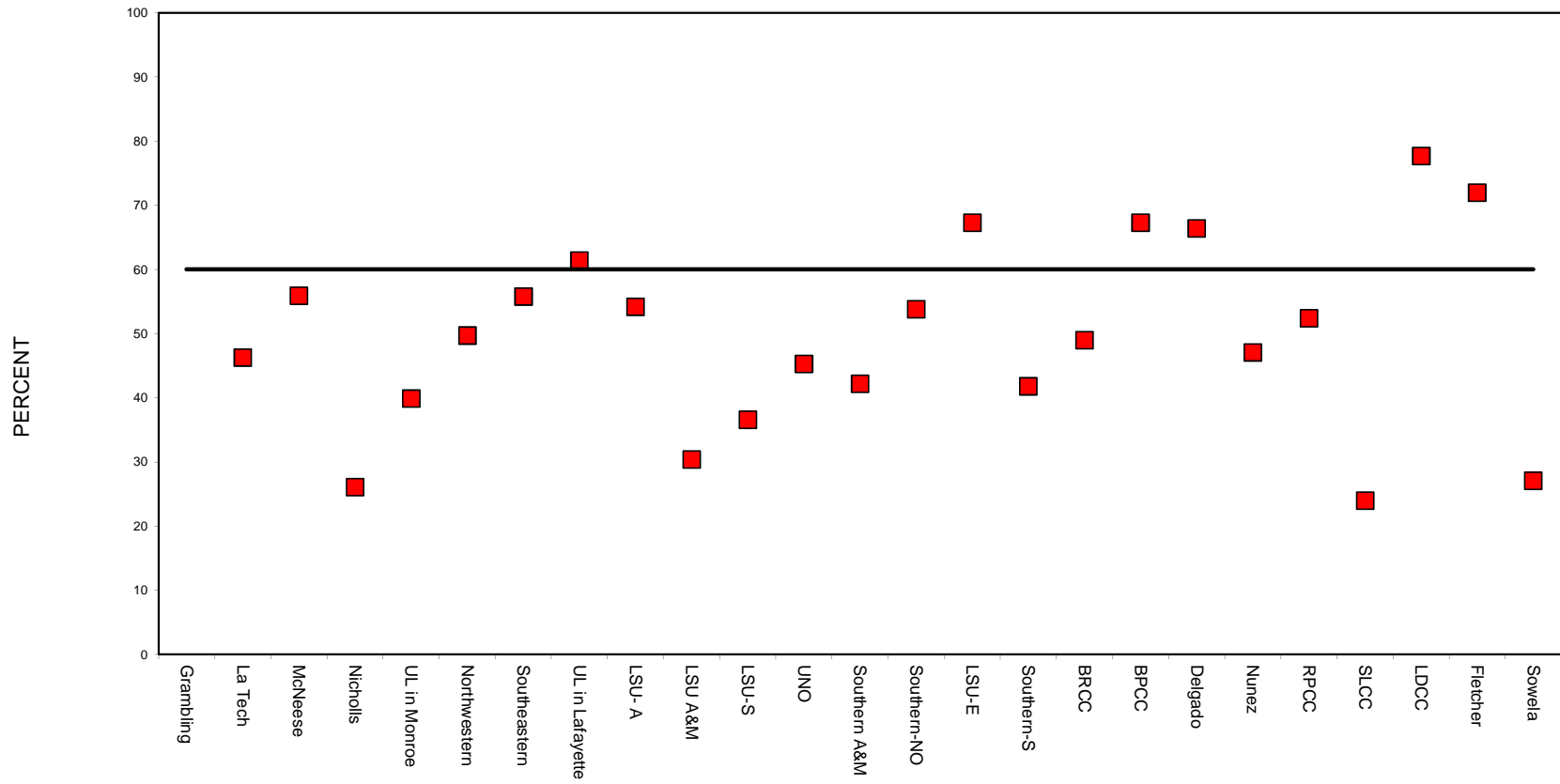|	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

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

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2014	2013	2012	2011	2010	2014	2013	2012	2011	2010
PUBLIC FOUR YEAR INSTITUTIONS											
Grambling State University	3,836	46.3	54.5	52.0	51.8	50.5	47.9	46.0	53.6	68.7	73.6
Louisiana Tech University	9,327	55.9	53.5	51.6	48.8	35.2	66.7	60.4	63.1	59.3	53.5
McNeese State University	7,017	26.1	25.7	24.7	28.8	30.4	74.2	49.4	47.7	43.4	45.6
Nicholls State University	5,475	39.9	42.2	47.9	50.3	54.1	48.8	43.9	49.6	51.7	45.4
University of Louisiana in Monroe	6,873	49.7	47.7	46.4	54.7	48.8	68.8	62.9	54.8	47.4	49.8
Northwestern State University	6,661	55.8	55.9	50.7	51.2	46.4	34.9	34.7	37.4	35.4	32.5
Southeastern Louisiana University	11,267	61.4	68.6	72.7	73.5	72.0	49.5	48.9	45.2	50.6	57.3
University of Louisiana in Lafayette	14,415	54.2	52.5	51.8	58.3	59.2	60.2	64.3	66.1	59.2	66.7
LSU at Alexandria	1,926	30.4	25.1	22.1	24.4	19.6	41.7	32.4	44.4	42.6	52.9
LSU A&M (Including Ag. & Law)	28,503	36.6	36.6	42.2	44.8	40.4	58.2	56.9	58.1	55.9	58.1
LSU in Shreveport	2,809	45.3	45.8	47.2	51.3	46.3	50.2	58.5	55.2	52.2	65.3
University of New Orleans	7,168	42.2	42.1	46.0	47.1	49.9	43.8	42.5	64.9	66.8	58.5
Southern University A&M	6,054	53.8	55.3	55.0	55.0	59.5	47.0	48.5	45.4	45.7	48.8
Southern University at New Orleans	2,008	67.3	60.0	61.8	25.4	57.8	65.2	78.4	88.0	50.5	94.5
PUBLIC TWO YEAR INSTITUTIONS											
LSU at Eunice	1,773	41.8	29.9	41.3	48.9	50.9	64.4	43.0	46.6	46.3	49.7
Southern University at Shreveport	2,136	49.0	47.2	49.4	39.7	52.0	62.6	60.9	85.3	77.9	73.4
Baton Rouge Community College	5,691	67.3	71.8	68.6	67.2	71.8	62.7	62.3	66.4	65.7	69.8
Bossier Parish Community College	5,602	66.4	58.5	66.0	64.1	72.5	67.8	54.1	65.1	62.8	67.2
Delgado Community College	10,727	47.1	50.6	58.6	63.2	70.2	77.5	85.4	47.9	54.2	54.9
Nunez Community College	1,407	52.4	57.1	56.9	52.8	79.0	0.0	0.0	88.3	0.0	0.0
River Parishes Community College	1,203	24.0	57.2	62.3	61.5	57.2	82.1	68.0	31.0	72.4	21.3
South Louisiana Community College	2,775	77.7	76.6	75.2	69.6	77.2	84.9	68.7	66.0	64.2	88.1
Acadian	116	0.0	0.0	29.9	29.7	30.0	27.9	29.8	25.4	20.0	26.2
Charles B. Coreil	79	21.8	21.8	26.4	22.5	29.2	20.2	20.2	13.4	25.0	18.1
Evangeline	65	0.0	0.0	0.0	0.0	0.0	54.3	47.4	0.0	63.8	39.7
Gulf Area	194	42.1	43.5	62.4	72.1	72.1	60.7	36.1	25.8	32.6	32.6
Lafayette	649	49.9	72.1	69.5	62.7	69.6	39.6	41.4	35.7	44.9	34.2
T. H. Harris	277	35.2	32.8	8.9	3.2	15.7	43.7	43.0	24.4	5.2	32.3

	Count										
Teche Area	99	0.0	0.0	0.0	12.0	16.1	22.4	18.7	0.0	20.7	24.2
Louisiana Delta Community College	1,504	72.0	70.4	70.5	59.2	62.5	42.7	39.8	51.2	16.7	17.8
Bastrop	114	45.8	46.2	58.7	33.0	20.2	10.2	11.4	19.7	13.2	30.0
Delta Ouachita	391	0.0	75.9	45.9	59.9	37.6	0.0	19.4	13.6	15.4	20.1
North Central	11	0.0	0.0	82.7	25.0	115.2	0.0	0.0	43.3	14.9	31.1
Northeast	110	40.8	6.6	18.7	40.3	26.5	7.9	25.9	44.6	36.3	32.7
Ruston	114	0.0	109.7	62.9	68.8	14.5	0.0	28.6	13.9	42.9	59.8
Tallulah	134	44.4	26.6	28.3			13.6	11.1	11.4		
L E. Fletcher Tech Community College	1,413	27.1	37.1	28.5	47.0	52.9	26.6	26.1	41.7	28.6	26.7
Sowela Technical Community College	2,231	56.8	57.2	50.2	53.8	97.6	47.6	69.0	54.2	41.3	71.0
Capital Area Technical College											
Baton Rouge	571	57.0	51.2	71.0	76.3	87.6	17.4	46.6	16.5	29.0	36.9
Folkes	473	0.0	46.8	25.3	51.7	64.2	53.7	14.0	31.1	133.3	42.9
Jumonville	38	28.3	28.3	22.7	26.8	27.6	10.6	10.6	28.6	12.3	32.1
Westside	19	113.2	2.2	32.9	70.8	36.4	0.0	0.0	0.0	0.0	0.0
South Central LA Technical College											
Lafourche	387	30.1	34.8	21.4	39.1	39.8	31.5	32.9	19.9	22.6	24.8
River Parishes	825	41.3	49.8	40.5	44.0	36.4	26.3	22.3	14.7	20.7	26.8
Young Memorial	375	22.6	31.0	36.6	47.5	37.8	19.3	29.8	38.1	19.9	16.1
Central LA Technical College											
Alexandria	384	40.9	43.4	51.0	40.2	83.8	23.1	28.1	20.1	19.2	21.0
Avoyelles	296	49.1	30.3	15.9	21.3	46.1	62.7	39.7	31.6	18.1	37.6
Huey P. Long	184	0.0	0.0	0.0	37.9	15.5	18.7	10.2	10.6	26.5	36.6
Lamar Salter	152	31.0	51.0	21.7	17.0	19.3	14.1	8.9	8.5	9.0	21.4
Oakdale	168	99.4	79.1	117.4	53.9	69.5	36.9	34.4	25.6	27.6	37.6
Shelby Jackson	112	30.7	34.1	53.9	4.3	39.9	0.0	0.0	0.0	0.0	6.0
Northwest LA Technical College											
Mansfield	183	32.2	49.3	36.9	33.7	36.1	11.9	17.1	5.4	8.8	8.1
Natchitoches	263	24.2	47.5	61.6	44.1	34.2	20.6	0.0	0.0	0.0	0.0
Northwest	504	44.6	43.8	61.1	55.0	59.5	29.8	33.1	13.0	12.5	21.9
Sabine Valley	197	36.5	34.6	49.0	29.5	70.0	0.0	0.0	0.0	0.0	0.0
Shreveport Bossier	535	31.2	43.3	41.0	35.4	35.6	21.0	31.6	32.9	21.3	11.6
Northshore Technical Community College											
Florida Parishes	338	43.8	39.4	42.4	68.3	101.6	0.0	57.4	22.7	25.3	21.7
Hammond	359	46.3	59.4	17.8	110.8	73.4	39.8	35.8	28.3	41.9	91.2
Sullivan	977	51.2	44.4	29.2	36.8	39.4	39.0	28.9	18.1	38.0	41.3

*DOES NOT INCLUDE SATURDAY CLASSES

PERCENT STUDENT STATION UTILIZATION OF
OCCUPIED CLASSROOMS (TABLE 7) 2014

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2014