

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
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

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				
		2009	2008	2007	2006	2005	2009	2008	2007	2006	2005
PUBLIC FOUR YEAR INSTITUTIONS											
Grambling State University	4,489	48.8	52.9	50.6	45.7	44.5	74.9	77.0	72.2	52.0	76.6
Louisiana Tech University	9,101	35.9	35.6	34.4	50.1	42.6	52.0	52.6	51.9	38.1	53.1
McNeese State University	7,455	31.7	30.7	38.5	40.1	43.2	40.4	38.6	42.8	42.9	47.0
Nicholls State University	6,110	53.7	50.4	48.9	50.5	53.9	47.1	45.2	48.7	47.3	47.4
University of Louisiana in Monroe	7,176	43.7	49.3	52.9	52.2	51.5	46.3	57.4	72.6	46.3	32.5
Northwestern State University	7,081	46.7	43.6	46.7	47.5	50.5	34.2	44.8	50.8	48.4	53.4
Southeastern Louisiana University	12,754	67.3	63.6	64.5	66.8	65.7	45.6	45.9	50.1	53.3	53.4
University of Louisiana in Lafayette	14,192	57.8	56.7	59.8	58.1	55.3	66.6	62.9	65.6	66.4	72.0
LSU at Alexandria	1,641	38.2	38.2	38.0	35.2	38.4	40.5	40.5	44.8	48.4	57.4
LSU A&M (Including Ag. & Law)	26,778	44.5	48.8	45.8	39.1	43.5	55.5	56.6	52.8	61.4	56.4
LSU in Shreveport	3,163	44.0	44.0	44.9	41.3	41.3	65.7	65.7	62.7	62.5	62.5
University of New Orleans	9,054	50.4	46.2	43.9	43.5	**	63.4	67.7	65.6	70.0	**
Southern University A&M	7,491	57.3	50.7	53.5	57.3	59.4	66.9	72.6	72.4	60.4	65.8
Southern University at New Orleans	2,556	**	**	**	**	**	**	**	**	**	**
PUBLIC TWO YEAR INSTITUTIONS											
LSU at Eunice	2,133	46.8	46.8	47.1	46.7	45.7	52.3	51.3	48.1	43.8	60.8
Southern University at Shreveport	2,175	66.3	47.1	44.4	52.0	45.2	131.1	89.0	66.6	67.0	73.3
Baton Rouge Community College	5,345	73.0	71.6	66.9	70.4	74.4	71.2	72.3	69.8	67.7	76.5
Bossier Parish Community College	3,735	66.0	58.2	62.4	**	**	56.4	43.0	53.8	**	**
Delgado Community College	10,770	73.0	66.9	65.5	63.9	**	53.9	53.8	53.4	49.8	**
Nunez Community College	1,041	63.6	7.8	15.7	48.4	**	76.8	8.6	22.8	42.2	**
River Parishes Community College	942	66.7	72.3	66.1	**	**	71.8	103.2	81.9	**	**

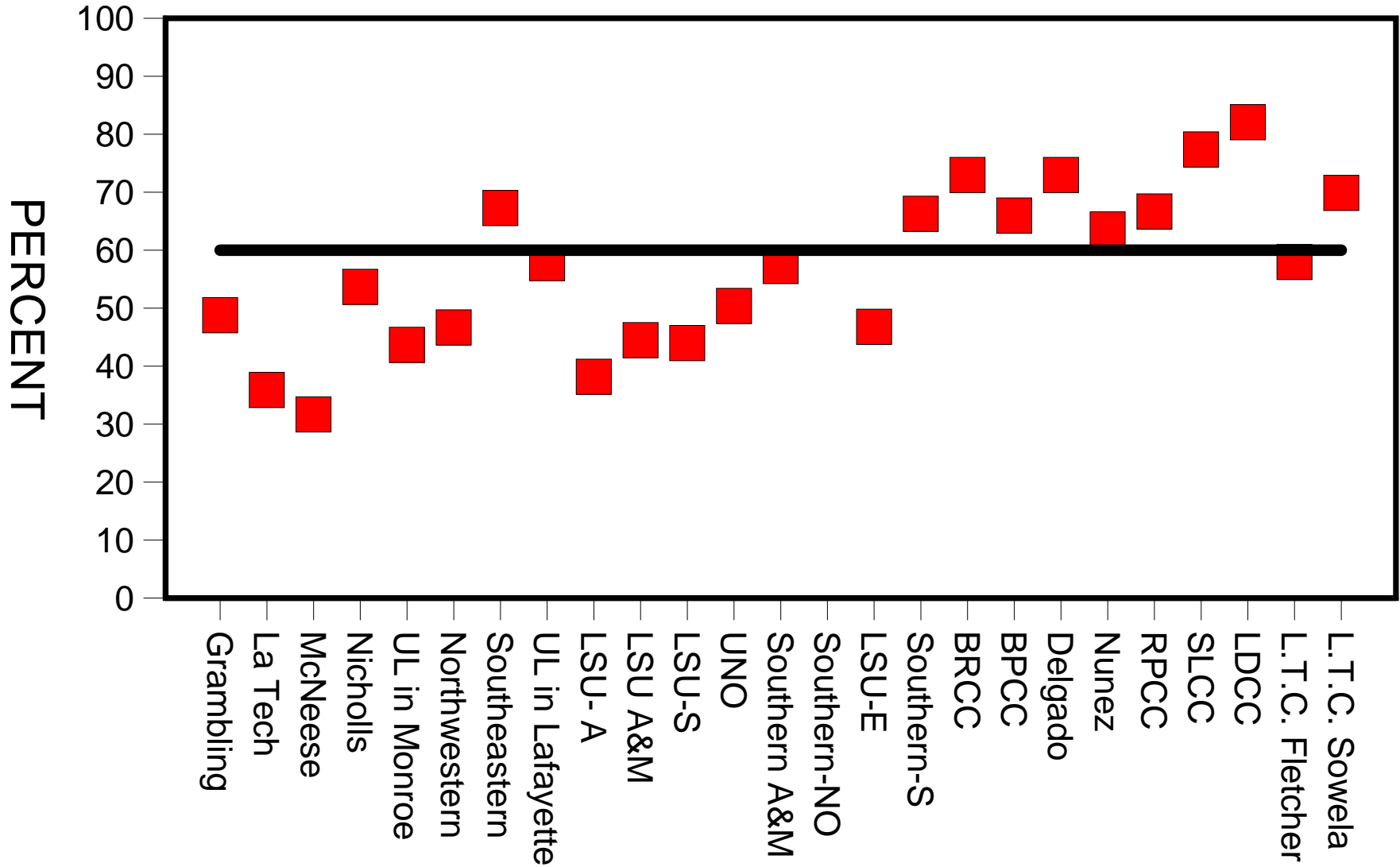
South Louisiana Community College	2,341	77.4	75.9	81.2	78.0	84.6	73.7	86.2	84.6	68.9	76.7
Louisiana Delta Community College	1,120	82.1	**	**	**	**	0.0	**	**	**	**
L.T.C. - Fletcher	1,169	58.0	54.3	58.0	49.3	53.0	21.0	23.6	21.5	15.2	19.5
L.T.C. - Sowela	1,685	69.9	60.1	51.5	57.1	**	60.1	21.8	55.4	20.3	**
LTC Campuses											
LTC - Acadian	209	34.5	30.0	30.0	0.0	3.2	23.2	27.8	22.1	15.9	4.4
LTC - Alexandria	359	49.8	51.7	67.6	0.0	28.6	25.1	31.3	31.5	0.0	23.2
LTC - Ascension	283	49.2	48.7	84.1	52.2	34.2	35.1	32.2	46.0	45.1	63.4
LTC - Avoyelles	403	39.7	8.7	10.1	0.9	5.6	91.7	33.4	26.9	15.4	5.2
LTC - Bastrop	259	32.3	49.0	20.8	35.7	15.9	29.8	11.9	26.8	10.8	9.2
LTC - Baton Rouge	1,096	102.2	57.0	57.6	60.0	53.8	28.4	25.9	52.2	44.3	7.8
LTC - Charles B. Coreil	240	37.3	53.9	32.5	25.0	14.1	16.9	0.0	16.3	0.0	0.0
LTC - Delta Ouachita	621	66.3	43.0	64.7	3.7	8.1	16.8	13.2	20.6	18.8	4.8
LTC - Evangeline	294	0.0	0.0	0.0	0.0	0.0	56.5	36.6	32.5	0.0	103.5
LTC - Florida Parishes	426	60.6	52.9	46.0	36.4	44.4	27.2	31.9	16.4	17.5	22.8
LTC - Folkes	775	34.6	26.5	30.1	32.2	20.5	90.6	0.0	0.0	0.0	9.3
LTC - Gulf Area	398	75.0	40.7	47.4	8.9	15.5	39.8	27.4	28.6	64.8	3.6
LTC - Hammond	377	50.4	34.9	38.6	19.1	27.8	62.0	33.0	35.6	33.8	22.1
LTC - Huey P. Long	226	21.6	22.1	27.5	0.0	5.7	34.3	29.3	31.6	0.0	3.9
LTC - Jefferson	592	32.8	11.1	22.6	26.4	**	15.6	14.8	18.9	14.3	**
LTC - Jumonville	189	14.7	16.6	30.7	25.1	15.5	0.0	9.3	8.8	8.7	4.9
LTC - Lafayette	929	63.9	25.0	29.8	94.8	34.8	25.0	23.2	21.6	4.4	6.9
LTC - Lafourche	310	54.6	43.7	32.7	51.4	17.6	28.1	26.9	35.5	30.0	12.9
LTC - Lamar Salter	296	0.0	12.7	13.3	28.6	33.6	16.0	12.6	10.9	5.7	6.2
LTC - Mansfield	164	34.7	39.2	26.4	102.0	31.3	10.4	7.1	5.6	5.3	6.5
LTC - Morgan Smith	154	30.7	22.0	48.0	156.1	12.3	21.7	19.8	24.8	11.8	12.5
LTC - Natchitoches	264	62.7	39.6	51.6	50.0	23.1	200.0	0.0	0.0	0.0	10.1
LTC - North Central	116	115.2	4.6	68.5	70.9	47.7	31.1	11.7	26.8	14.8	11.4
LTC - Northeast	206	58.7	44.4	51.0	122.3	64.5	41.1	19.1	23.2	73.3	39.9
LTC - Northwest	626	66.3	33.3	25.2	11.1	11.4	25.3	31.1	25.7	64.5	9.9
LTC - Oakdale	478	86.4	32.8	64.7	11.5	20.6	28.3	33.8	35.8	15.3	5.1
LTC - River Parishes	657	40.2	64.3	0.0	67.0	26.3	18.5	22.0	0.0	23.2	10.7
LTC - Ruston	161	14.5	15.3	9.5	13.3	36.0	59.8	27.2	30.0	41.1	11.5
LTC - West Jefferson	247	36.9	0.0	0.0	0.0	**	24.8	0.0	0.0	0.0	**
LTC - Westside	66	36.8	34.5	19.8	5.5	18.0	0.0	0.0	0.0	0.0	0.0
LTC - Young Memorial	405	51.9	22.4	43.7	0.0	15.7	22.0	20.5	24.6	6.7	5.9
LTC - Sabine Valley	168	10.4	32.8	30.2	27.9	12.7	0.0	0.0	51.7	96.6	73.3
LTC - Shelby Jackson	169	33.5	32.3	37.1	12.3	26.6	8.3	8.5	8.2	0.0	7.5

LTC - Shreveport Bossier	905	40.5	23.6	24.1	32.3	20.4	16.3	23.3	23.3	30.4	35.1
LTC - Sidney Collier	**	0.0	**	**	**	**	**	**	**	**	**
LTC - Slidell	**	0.0	**	**	**	**	**	**	**	**	**
LTC - Sullivan	908	54.4	31.3	22.0	31.8	**	38.6	35.6	39.3	22.2	**
LTC - T. H. Harris	508	18.2	21.1	22.3	15.2	13.7	25.4	21.0	20.3	12.9	7.8
LTC - Tallulah/M. Surles	365	52.5	14.8	0.0	74.7	16.1	13.0	14.8	0.0	3.4	4.5
LTC - Teche Area	462	11.1	17.4	27.2	0.0	27.8	26.1	20.3	17.4	23.2	8.5

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2009



PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2009

