

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
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		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
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		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				
		2008	2007	2006	2005	2004	2008	2007	2006	2005	2004
PUBLIC FOUR YEAR INSTITUTIONS											
Grambling State University	4,550	52.9	50.6	45.7	44.5	48.8	77.0	72.2	52.0	76.6	70.0
Louisiana Tech University	9,036	35.6	34.4	50.1	42.6	47.8	52.6	51.9	38.1	53.1	63.4
McNeese State University	7,191	30.7	38.5	40.1	43.2	53.4	38.6	42.8	42.9	47.0	43.9
Nicholls State University	5,940	50.4	48.9	50.5	53.9	54.7	45.2	48.7	47.3	47.4	43.0
University of Louisiana in Monroe	7,215	49.3	52.9	52.2	51.5	51.9	57.4	72.6	46.3	32.5	52.7
Northwestern State University	7,063	43.6	46.7	47.5	50.5	53.9	44.8	50.8	48.4	53.4	53.6
Southeastern Louisiana University	12,746	63.6	64.5	66.8	65.7	68.5	45.9	50.1	53.3	53.4	47.4
University of Louisiana in Lafayette	14,186	56.7	59.8	58.1	55.3	57.9	62.9	65.6	66.4	72.0	70.7
LSU at Alexandria	1,869	38.2	38.0	35.2	38.4	36.1	40.5	44.8	48.4	57.4	64.9
LSU A&M (Including Ag. & Law)	26,945	48.8	45.8	39.1	43.5	49.3	56.6	52.8	61.4	56.4	61.9
LSU in Shreveport	2,847	44.0	44.9	41.3	41.3	54.7	65.7	62.7	62.5	62.5	64.0
University of New Orleans	8,824	46.2	43.9	43.5	**	**	67.7	65.6	70.0	**	**
Southern University A&M	7,513	50.7	53.5	57.3	59.4	58.2	72.6	72.4	60.4	65.8	75.6
Southern University at New Orleans	2,434	**	**	**	**	59.9	**	**	**	**	72.3
PUBLIC TWO YEAR INSTITUTIONS											
LSU at Eunice	1,990	46.8	47.1	46.7	45.7	49.9	51.3	48.1	43.8	60.8	56.3
Southern University at Shreveport	1,672	47.1	44.4	52.0	45.2	49.0	89.0	66.6	67.0	73.3	78.1
Baton Rouge Community College	5,026	71.6	66.9	70.4	74.4	79.6	72.3	69.8	67.7	76.5	97.3
Bossier Parish Community College	3,203	58.2	62.4	**	**	**	43.0	53.8	**	**	**
Delgado Community College	9,090	66.9	65.5	63.9	**	68.0	53.8	53.4	49.8	**	52.6
Nunez Community College	894	7.8	15.7	48.4	**	48.7	8.6	22.8	42.2	**	67.9
River Parishes Community College	727	72.3	66.1	**	**	**	103.2	81.9	**	**	**

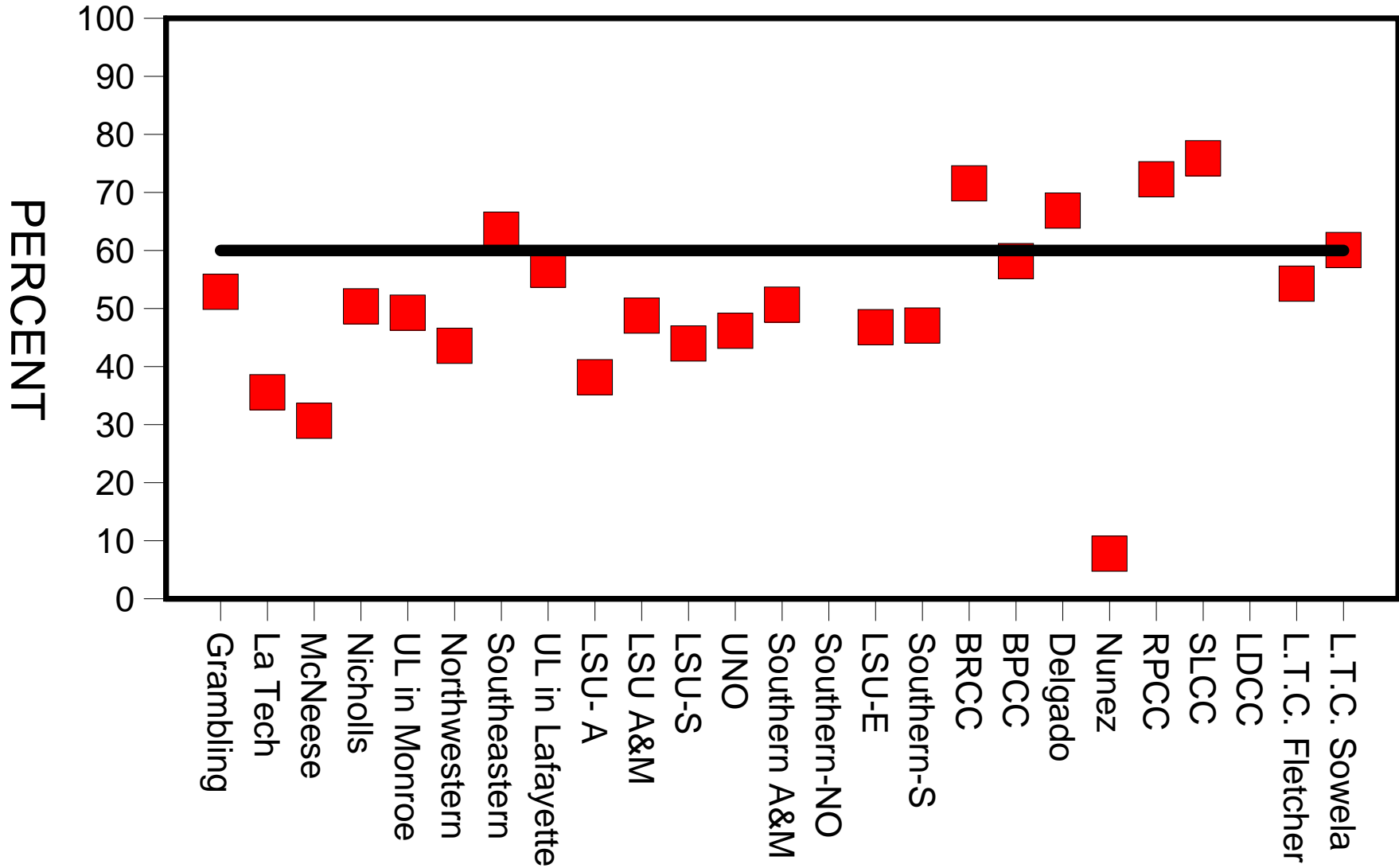
South Louisiana Community College	2,003	75.9	81.2	78.0	84.6	62.1	86.2	84.6	68.9	76.7	60.5
Louisiana Delta Community College	1,032	**	**	**	**	**	**	**	**	**	**
L.T.C. - Fletcher	927	54.3	58.0	49.3	53.0	41.7	23.6	21.5	15.2	19.5	13.5
L.T.C. - Sowela	1,361	60.1	51.5	57.1	**	63.1	21.8	55.4	20.3	**	29.9
LTC Campuses											
LTC - Acadian	181	30.0	30.0	0.0	3.2	110.9	27.8	22.1	15.9	4.4	23.9
LTC - Alexandria	347	51.7	67.6	0.0	28.6	63.7	31.3	31.5	0.0	23.2	24.9
LTC - Ascension	230	48.7	84.1	52.2	34.2	53.3	32.2	46.0	45.1	63.4	42.9
LTC - Avoyelles	273	8.7	10.1	0.9	5.6	27.1	33.4	26.9	15.4	5.2	13.7
LTC - Bastrop	163	49.0	20.8	35.7	15.9	35.2	11.9	26.8	10.8	9.2	13.9
LTC - Baton Rouge	974	57.0	57.6	60.0	53.8	90.6	25.9	52.2	44.3	7.8	41.4
LTC - Charles B. Coreil	229	53.9	32.5	25.0	14.1	29.5	0.0	16.3	0.0	0.0	0.0
LTC - Delta Ouachita	470	43.0	64.7	3.7	8.1	20.4	13.2	20.6	18.8	4.8	13.4
LTC - Evangeline	192	0.0	0.0	0.0	0.0	0.0	36.6	32.5	0.0	103.5	72.0
LTC - Florida Parishes	312	52.9	46.0	36.4	44.4	47.8	31.9	16.4	17.5	22.8	30.8
LTC - Folkes	734	26.5	30.1	32.2	20.5	23.9	0.0	0.0	0.0	9.3	0.0
LTC - Gulf Area	299	40.7	47.4	8.9	15.5	18.0	27.4	28.6	64.8	3.6	4.0
LTC - Hammond	239	34.9	38.6	19.1	27.8	25.3	33.0	35.6	33.8	22.1	39.9
LTC - Huey P. Long	156	22.1	27.5	0.0	5.7	15.1	29.3	31.6	0.0	3.9	7.5
LTC - Jefferson	460	11.1	22.6	26.4	**	65.0	14.8	18.9	14.3	**	16.6
LTC - Jumonville	112	16.6	30.7	25.1	15.5	29.7	9.3	8.8	8.7	4.9	17.5
LTC - Lafayette	761	25.0	29.8	94.8	34.8	42.1	23.2	21.6	4.4	6.9	15.8
LTC - Lafourche	232	43.7	32.7	51.4	17.6	32.1	26.9	35.5	30.0	12.9	33.6
LTC - Lamar Salter	218	12.7	13.3	28.6	33.6	24.6	12.6	10.9	5.7	6.2	7.9
LTC - Mansfield	150	39.2	26.4	102.0	31.3	36.1	7.1	5.6	5.3	6.5	13.1
LTC - Morgan Smith	100	22.0	48.0	156.1	12.3	38.2	19.8	24.8	11.8	12.5	20.1
LTC - Natchitoches	201	39.6	51.6	50.0	23.1	61.2	0.0	0.0	0.0	10.1	22.9
LTC - North Central	89	4.6	68.5	70.9	47.7	82.2	11.7	26.8	14.8	11.4	20.2
LTC - Northeast	171	44.4	51.0	122.3	64.5	31.9	19.1	23.2	73.3	39.9	20.6
LTC - Northwest	573	33.3	25.2	11.1	11.4	18.9	31.1	25.7	64.5	9.9	34.3
LTC - Oakdale	388	32.8	64.7	11.5	20.6	46.8	33.8	35.8	15.3	5.1	69.9
LTC - River Parishes	570	64.3	0.0	67.0	26.3	49.5	22.0	0.0	23.2	10.7	69.4
LTC - Ruston	123	15.3	9.5	13.3	36.0	27.6	27.2	30.0	41.1	11.5	17.1
LTC - West Jefferson	160	0.0	0.0	0.0	**	53.2	0.0	0.0	0.0	**	133.5
LTC - Westside	70	34.5	19.8	5.5	18.0	84.3	0.0	0.0	0.0	0.0	0.0
LTC - Young Memorial	284	22.4	43.7	0.0	15.7	39.0	20.5	24.6	6.7	5.9	11.2
LTC - Sabine Valley	95	32.8	30.2	27.9	12.7	25.5	0.0	51.7	96.6	73.3	106.6
LTC - Shelby Jackson	148	32.3	37.1	12.3	26.6	48.3	8.5	8.2	0.0	7.5	5.9

LTC - Shreveport Bossier	743	23.6	24.1	32.3	20.4	26.7	23.3	23.3	30.4	35.1	33.0
LTC - Sidney Collier	**	**	**	**	**	37.6	**	**	**	**	7.0
LTC - Slidell	**	**	**	**	**	47.0	**	**	**	**	31.9
LTC - Sullivan	708	31.3	22.0	31.8	**	39.3	35.6	39.3	22.2	**	34.6
LTC - T. H. Harris	460	21.1	22.3	15.2	13.7	26.5	21.0	20.3	12.9	7.8	33.8
LTC - Tallulah/M. Surles	274	14.8	0.0	74.7	16.1	38.8	14.8	0.0	3.4	4.5	10.3
LTC - Teche Area	363	17.4	27.2	0.0	27.8	53.0	20.3	17.4	23.2	8.5	16.6

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2008



PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2008

