

# 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	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				
		2007	2006	2005	2004	2003	2007	2006	2005	2004	2003
<b>PUBLIC FOUR YEAR INSTITUTIONS</b>											
Grambling State University	4,692	50.6	45.7	44.5	48.8	45.7	72.2	52.0	76.6	70.0	73.5
Louisiana Tech University	9,081	34.4	50.1	42.6	47.8	51.6	51.9	38.1	53.1	63.4	61.9
McNeese State University	7,078	38.5	40.1	43.2	53.4	51.7	42.8	42.9	47.0	43.9	43.3
Nicholls State University	5,834	48.9	50.5	53.9	54.7	53.1	48.7	47.3	47.4	43.0	42.1
University of Louisiana in Monroe	7,289	52.9	52.2	51.5	51.9	55.4	72.6	46.3	32.5	52.7	56.6
Northwestern State University	7,197	46.7	47.5	50.5	53.9	56.3	50.8	48.4	53.4	53.6	43.6
Southeastern Louisiana University	12,669	64.5	66.8	65.7	68.5	65.6	50.1	53.3	53.4	47.4	59.5
University of Louisiana in Lafayette	14,321	59.8	58.1	55.3	57.9	59.8	65.6	66.4	72.0	70.7	67.8
LSU at Alexandria	1,759	38.0	35.2	38.4	36.1	37.3	44.8	48.4	57.4	64.9	59.8
LSU A&M (Including Ag. & Law)	26,812	45.8	39.1	43.5	49.3	63.9	52.8	61.4	56.4	61.9	57.1
LSU in Shreveport	2,865	44.9	41.3	41.3	54.7	51.0	62.7	62.5	62.5	64.0	58.2
University of New Orleans	8,647	43.9	43.5	**	**	**	65.6	70.0	**	**	**
Southern University A&M	7,980	53.5	57.3	59.4	58.2	56.9	72.4	60.4	65.8	75.6	72.0
Southern University at New Orleans	2,142	**	**	**	59.9	60.7	**	**	**	72.3	78.3
<b>PUBLIC TWO YEAR INSTITUTIONS</b>											
LSU at Eunice	1,937	47.1	46.7	45.7	49.9	55.5	48.1	43.8	60.8	56.3	53.9
Southern University at Shreveport	1,601	44.4	52.0	45.2	49.0	45.3	66.6	67.0	73.3	78.1	77.1
Baton Rouge Community College	4,798	66.9	70.4	74.4	79.6	79.7	69.8	67.7	76.5	97.3	91.7
Bossier Parish Community College	3,378	62.4	**	**	**	**	53.8	**	**	**	**
Delgado Community College	8,496	65.5	63.9	**	68.0	65.6	53.4	49.8	**	52.6	61.6
Elaine P. Nunez Community College	789	15.7	48.4	**	48.7	50.8	22.8	42.2	**	67.9	69.3
River Parishes Community College	612	66.1	**	**	**	**	81.9	**	**	**	**

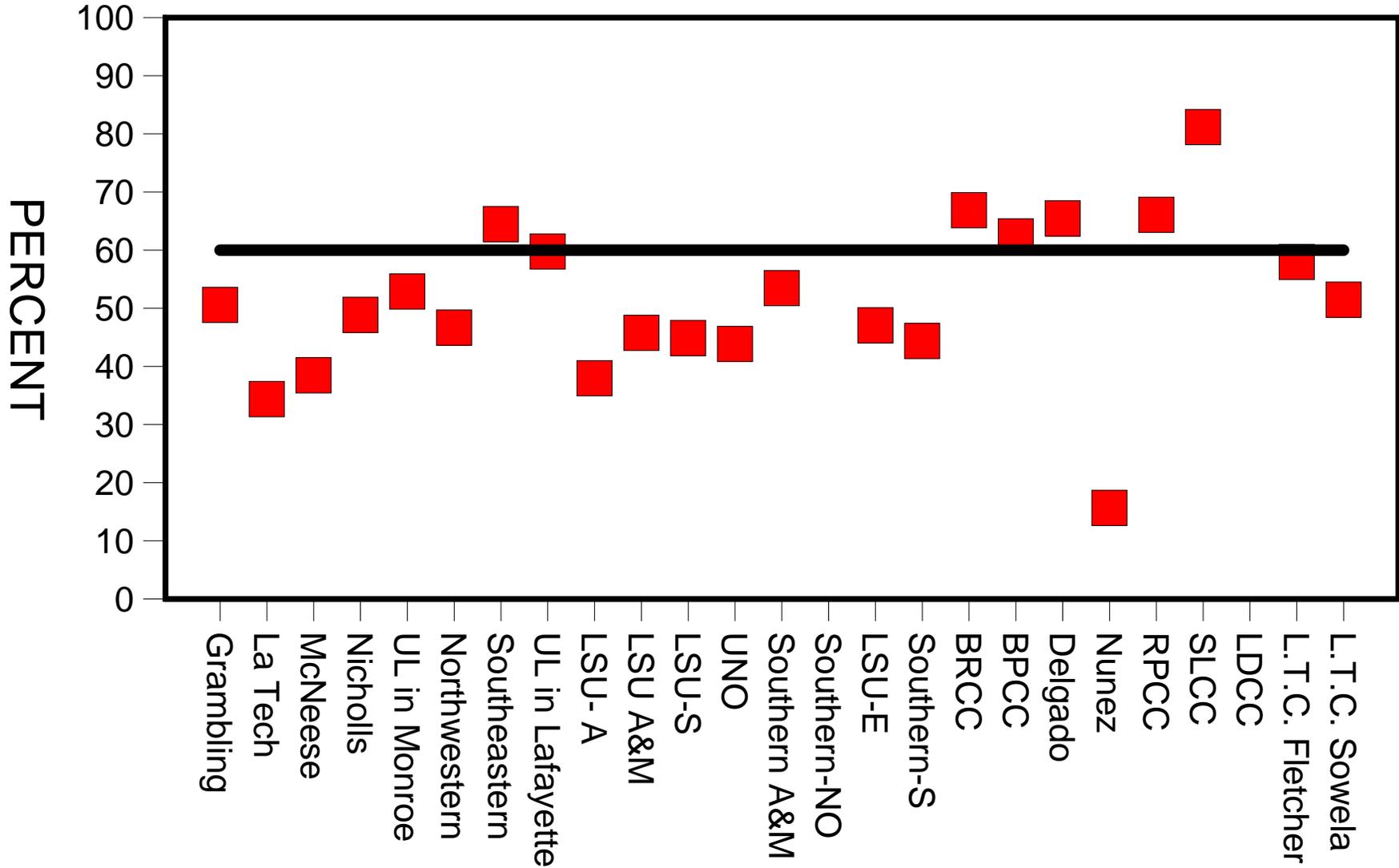
South Louisiana Community College	1,694	81.2	78.0	84.6	62.1	70.3	84.6	68.9	76.7	60.5	78.8
Louisiana Delta Community College	821	**	**	**	**	**	**	**	**	**	**
L.T.C. - Fletcher	770	58.0	49.3	53.0	41.7	37.9	21.5	15.2	19.5	13.5	20.4
L.T.C. - Sowela	1,185	51.5	57.1	**	63.1	76.9	55.4	20.3	**	29.9	24.0
LTC Campuses											
LTC - Acadian	151	30.0	0.0	3.2	110.9		22.1	15.9	4.4	23.9	
LTC - Alexandria	410	67.6	0.0	28.6	63.7		31.5	0.0	23.2	24.9	
LTC - Ascension	227	84.1	52.2	34.2	53.3		46.0	45.1	63.4	42.9	
LTC - Avoyelles	241	10.1	0.9	5.6	27.1		26.9	15.4	5.2	13.7	
LTC - Bastrop	168	20.8	35.7	15.9	35.2		26.8	10.8	9.2	13.9	
LTC - Baton Rouge	690	57.6	60.0	53.8	90.6		52.2	44.3	7.8	41.4	
LTC - Charles B. Coreil	148	32.5	25.0	14.1	29.5		16.3	0.0	0.0	0.0	
LTC - Delta Ouachita	432	64.7	3.7	8.1	20.4		20.6	18.8	4.8	13.4	
LTC - Evangeline	182	0.0	0.0	0.0	0.0		32.5	0.0	103.5	72.0	
LTC - Florida Parishes	305	46.0	36.4	44.4	47.8		16.4	17.5	22.8	30.8	
LTC - Folkes	618	30.1	32.2	20.5	23.9		0.0	0.0	9.3	0.0	
LTC - Gulf Area	259	47.4	8.9	15.5	18.0		28.6	64.8	3.6	4.0	
LTC - Hammond	238	38.6	19.1	27.8	25.3		35.6	33.8	22.1	39.9	
LTC - Huey P. Long	162	27.5	0.0	5.7	15.1		31.6	0.0	3.9	7.5	
LTC - Jefferson	274	22.6	26.4	**	65.0		18.9	14.3	**	16.6	
LTC - Jumonville	111	30.7	25.1	15.5	29.7		8.8	8.7	4.9	17.5	
LTC - Lafayette	696	29.8	94.8	34.8	42.1		21.6	4.4	6.9	15.8	
LTC - Lafourche	250	32.7	51.4	17.6	32.1		35.5	30.0	12.9	33.6	
LTC - Lamar Salter	195	13.3	28.6	33.6	24.6		10.9	5.7	6.2	7.9	
LTC - Mansfield	129	26.4	102.0	31.3	36.1		5.6	5.3	6.5	13.1	
LTC - Morgan Smith	150	48.0	156.1	12.3	38.2		24.8	11.8	12.5	20.1	
LTC - Natchitoches	170	51.6	50.0	23.1	61.2		0.0	0.0	10.1	22.9	
LTC - North Central	68	68.5	70.9	47.7	82.2		26.8	14.8	11.4	20.2	
LTC - Northeast	123	51.0	122.3	64.5	31.9		23.2	73.3	39.9	20.6	
LTC - Northwest	531	25.2	11.1	11.4	18.9		25.7	64.5	9.9	34.3	
LTC - Oakdale	203	64.7	11.5	20.6	46.8		35.8	15.3	5.1	69.9	
LTC - River Parishes	524	0.0	67.0	26.3	49.5		0.0	23.2	10.7	69.4	
LTC - Ruston	74	9.5	13.3	36.0	27.6		30.0	41.1	11.5	17.1	
LTC - West Jefferson	247	0.0	0.0	**	53.2		0.0	0.0	**	133.5	
LTC - Westside	31	19.8	5.5	18.0	84.3		0.0	0.0	0.0	0.0	
LTC - Young Memorial	301	43.7	0.0	15.7	39.0		24.6	6.7	5.9	11.2	
LTC - Sabine Valley	74	30.2	27.9	12.7	25.5		51.7	96.6	73.3	106.6	
LTC - Shelby Jackson	126	37.1	12.3	26.6	48.3		8.2	0.0	7.5	5.9	

LTC - Shreveport Bossier	666	24.1	32.3	20.4	26.7	23.3	30.4	35.1	33.0
LTC - Sidney Collier	0.0	0.0	**	**	37.6	0.0	**	**	7.0
LTC - Slidell	0.0	0.0	**	**	47.0	0.0	**	**	31.9
LTC - Sullivan	573	22.0	31.8	**	39.3	39.3	22.2	**	34.6
LTC - T. H. Harris	467	22.3	15.2	13.7	26.5	20.3	12.9	7.8	33.8
LTC - Tallulah/M. Surles	278	0.0	74.7	16.1	38.8	0.0	3.4	4.5	10.3
LTC - Teche Area	337	27.2	0.0	27.8	53.0	17.4	23.2	8.5	16.6

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

# PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2007



# PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2007

