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				
		2004	2003	2002	2001	2000	2004	2003	2002	2001	2000
PUBLIC FOUR YEAR INSTITUTIONS											
Grambling State University	4,658	48.8	45.7	47.6	64.3	39.8	70.0	73.5	75.3	71.9	56.7
Louisiana Tech University	10,160	47.8	51.6	46.1	49.2	52.2	63.4	61.9	56.1	53.3	47.9
McNeese State University	7,660	53.4	51.7	52.7	53.1	52.6	43.9	43.3	40.9	37.5	38.8
Nicholls State University	6,389	54.7	53.1	53.0	52.0	53.3	43.0	42.1	41.2	50.9	45.9
University of Louisiana in Monroe	7,702	51.9	55.4	**	**	54.3	52.7	56.6	**	**	67.9
Northwestern State University	8,640	53.9	56.3	58.0	55.7	48.9	53.6	43.6	51.8	46.3	52.8
Southeastern Louisiana University	13,002	68.5	65.6	67.6	68.0	67.6	47.4	59.5	64.0	69.5	52.5
University of Louisiana in Lafayette	14,198	57.9	59.8	62.3	61.2	61.0	70.7	67.8	70.1	68.1	68.8
LSU at Alexandria	2,007	36.1	37.3	42.5	40.2	41.2	64.9	59.8	77.6	62.2	66.8
LSU A&M (Including Ag. & Law)	29,982	49.3	63.9	62.1	58.0	63.7	61.9	57.1	94.4	59.5	63.6
LSU in Shreveport	3,214	54.7	51.0	48.0	49.2	47.0	64.0	58.2	55.6	58.6	58.0
University of New Orleans	12,996	**	**	53.1	51.5	51.5	**	**	81.1	75.8	75.8
Southern University A&M	9,173	58.2	56.9	56.9	58.8	64.8	75.6	72.0	75.5	73.8	82.6
Southern University at New Orleans	2,899	59.9	60.7	54.3	75.1	76.9	72.3	78.3	84.2	112.7	112.8
PUBLIC TWO YEAR INSTITUTIONS											
LSU at Eunice	2,151	49.9	55.5	54.8	49.8	46.0	56.3	53.9	51.8	51.6	40.4
Southern University at Shreveport	1,835	49.0	45.3	52.7	47.9	43.9	78.1	77.1	84.2	69.8	57.2
Baton Rouge Community College	3,909	79.6	79.7	72.7	14.5	85.6	97.3	91.7	92.9	21.4	89.6
Bossier Parish Community College	2,896	**	**				**	**			
Delgado Community College	10,599	68.0	65.6	67.2	**	61.0	52.6	61.6	56.7	**	59.8
Elaine P. Nunez Community College	1,608	48.7	50.8	**	44.9	72.2	67.9	69.3	**	73.9	60.8
River Parishes Community College	530	**	**	61.4	62.7	59.3	**	**	58.3	54.1	62.5
South Louisiana Community College	1,076	62.1	70.3				60.5	78.8			
Louisiana Delta Community College	653	**	**				**	**			
L.T.C. - Fletcher	477	41.7	37.9				13.5	20.4			
L.T.C. - Sowela	1,086	63.1	76.9				29.9	24.0			

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

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2004	2003	2002	2001	2000	2004	2003	2002	2001	2000
LTC Campuses											
LTC - Acadian	140	110.9					23.9				
LTC - Alexandria	280	63.7					24.9				
LTC - Ascension	105	53.3					42.9				
LTC - Avoyelles	166	27.1					13.7				
LTC - Bastrop	224	35.2					13.9				
LTC - Baton Rouge	543	90.6					41.4				
LTC - Charles B. Coreil	83	29.5					0.0				
LTC - Delta Ouachita	228	20.4					13.4				
LTC - Evangeline	185	0.0					72.0				
LTC - Florida Parishes	236	47.8					30.8				
LTC - Folkes	218	23.9					0.0				
LTC - Gulf Area	212	18.0					4.0				
LTC - Hammond	133	25.3					39.9				
LTC - Huey P. Long	103	15.1					7.5				
LTC - Jefferson	228	65.0					16.6				
LTC - Jumonville	83	29.7					17.5				
LTC - Lafayette	495	42.1					15.8				
LTC - Lafourche	118	32.1					33.6				
LTC - Lamar Salter	120	24.6					7.9				
LTC - Mansfield	76	36.1					13.1				
LTC - Morgan Smith	96	38.2					20.1				
LTC - Natchitoches	209	61.2					22.9				
LTC - North Central	75	82.2					20.2				
LTC - Northeast	104	31.9					20.6				
LTC - Northwest	388	18.9					34.3				
LTC - Oakdale	267	46.8					69.9				
LTC - River Parishes	261	49.5					69.4				
LTC - Ruston	101	27.6					17.1				
LTC - West Jefferson	167	53.2					133.5				
LTC - Westside	73	84.3					0.0				

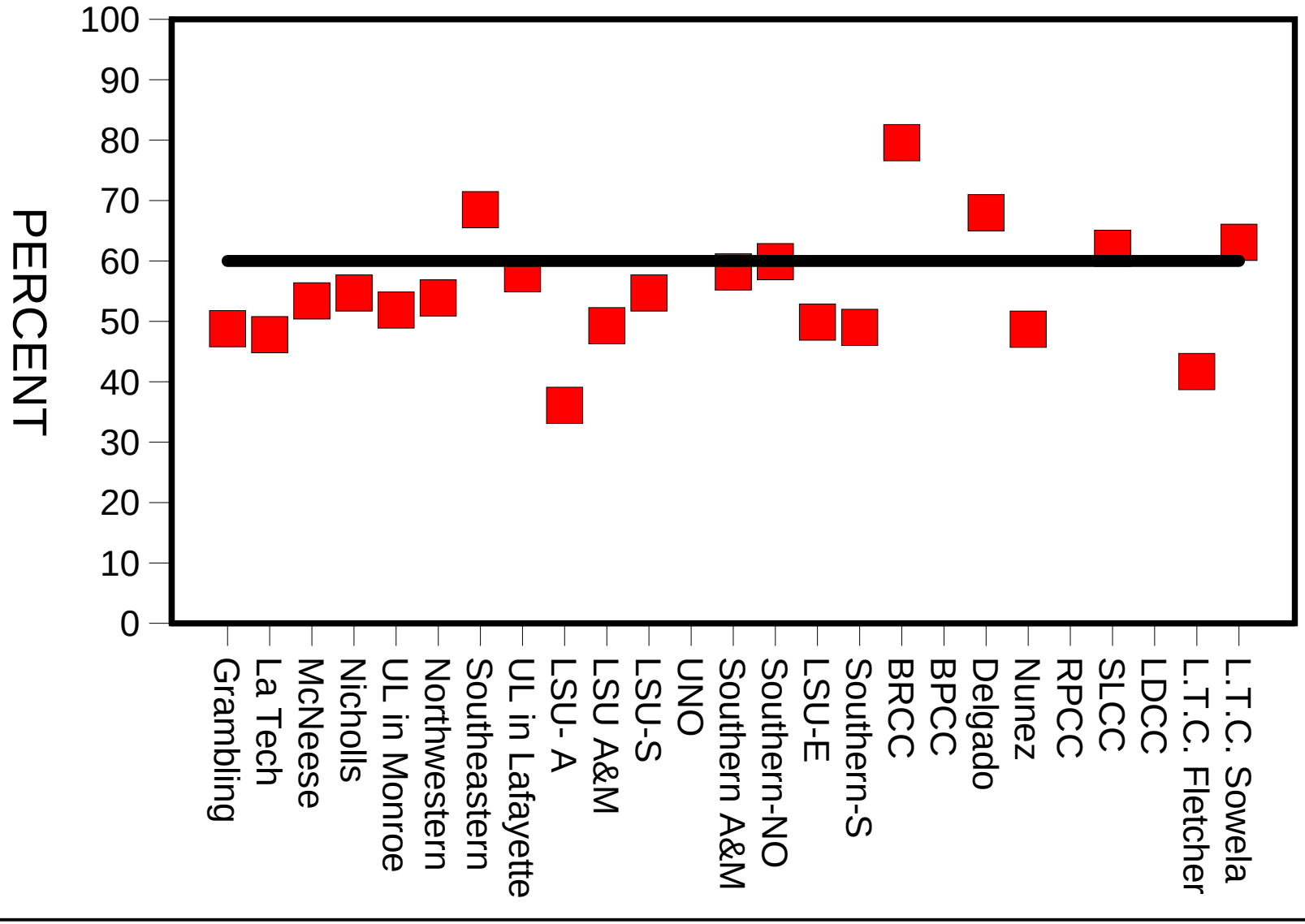
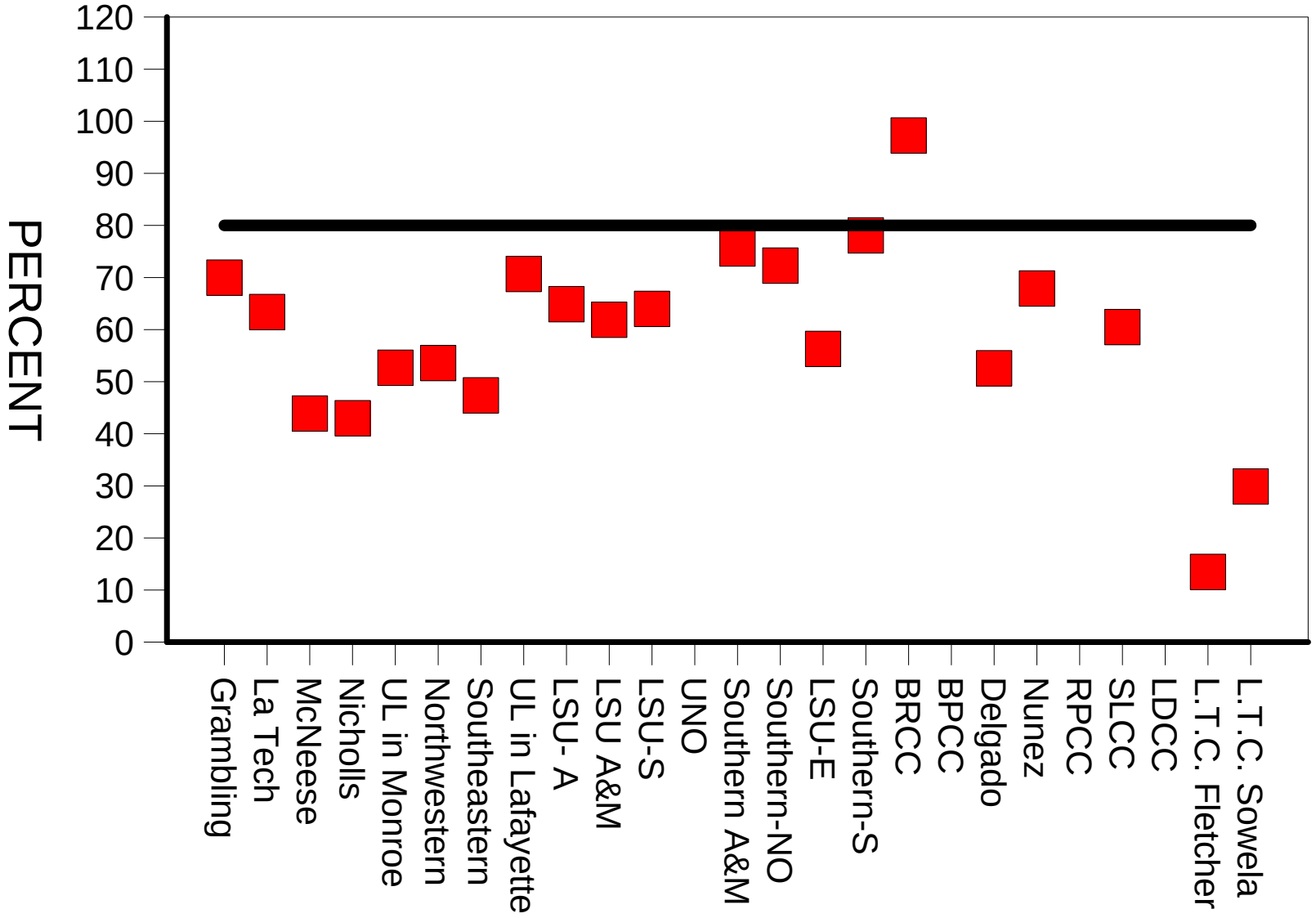
TABLE 7
PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2004	2003	2002	2001	2000	2004	2003	2002	2001	2000
LTC - Young Memorial	177	39.0					11.2				
LTC - Sabine Valley	113	25.5					106.6				
LTC - Shelby Jackson	106	48.3					5.9				
LTC - Shreveport Bossier	533	26.7					33.0				
LTC - Sidney Collier	264	37.6					7.0				
LTC - Slidell	289	47.0					31.9				
LTC - Sullivan	361	39.3					34.6				
LTC - T. H. Harris	469	26.5					33.8				
LTC - Tallulah/M. Surles	161	38.8					10.3				
LTC - Teche Area	275	53.0					16.6				

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2004



PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2004