

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

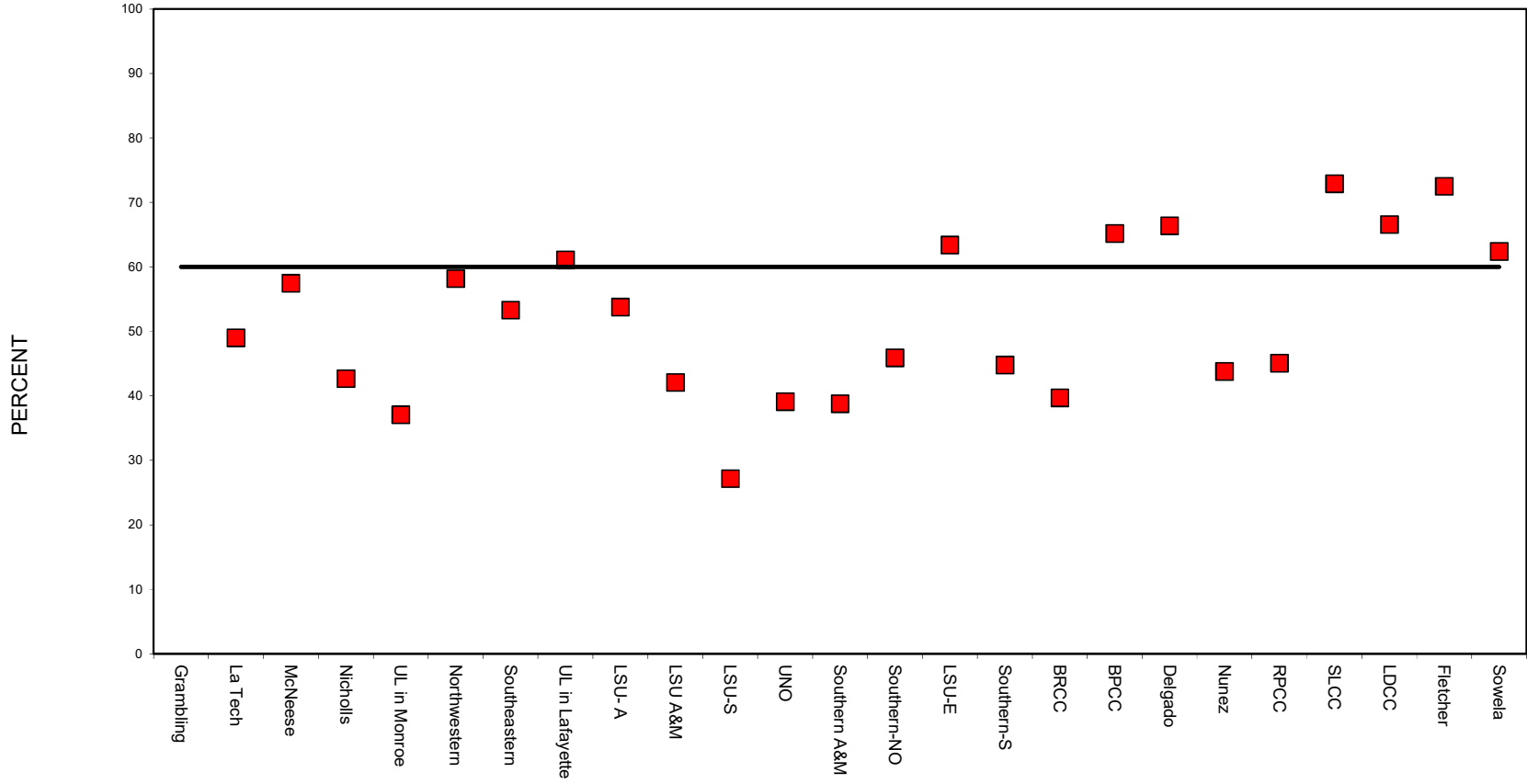
TABLE 7
PERCENT STUDENT STATION UTILIZATION OF OCCUPIED
CLASSROOMS AND CLASS LABORATORIES

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
PUBLIC FOUR YEAR INSTITUTIONS											
Grambling State University	4,579	49.0	50.5	53.7	47.2	46.3	43.0	45.7	49.3	33.9	47.9
Louisiana Tech University	10,353	57.5	58.1	60.1	57.2	55.9	70.9	73.2	72.4	71.8	66.7
McNeese State University	6,676	42.7	25.5	26.2	25.6	26.1	62.3	79.5	82.4	48.1	74.2
Nicholls State University	5,585	37.1	38.8	40.0	38.5	39.9	57.3	54.8	52.8	49.6	48.8
University of Louisiana in Monroe	7,491	58.2	58.6	56.9	53.7	49.7	93.7	85.9	84.9	72.4	68.8
Northwestern State University	8,356	53.3	58.4	56.1	54.4	55.8	53.0	52.6	35.5	35.9	34.9
Southeastern Louisiana University	11,117	61.1	60.5	59.9	59.7	61.4	48.2	48.5	53.8	51.6	49.5
University of Louisiana in Lafayette	14,520	53.8	53.7	55.4	56.8	54.2	60.2	60.0	59.7	56.7	60.2
LSU at Alexandria	6,245	42.1	26.2	42.1	27.2	30.4	43.8	39.4	43.8	41.1	41.7
LSU A&M (Including Ag. & Law)	2,307	27.2	38.1	27.5	40.1	36.6	39.4	45.5	42.8	58.6	58.2
LSU in Shreveport	28,575	39.1	38.5	39.2	46.2	45.3	48.0	53.3	50.0	63.4	50.2
University of New Orleans	4,168	38.8	42.1	39.8	42.2	42.2	50.0	43.8	51.1	43.8	43.8
Southern University A&M(Including Law)	5,807	45.9	48.4	48.6	49.2	53.8	41.6	35.7	35.1	37.2	47.0
Southern University at New Orleans	1,877	63.4	63.4	64.1	75.6	67.3	68.0	68.0	63.2	71.8	65.2
PUBLIC TWO YEAR INSTITUTIONS											
LSU at Eunice	2,147	44.8	43.0	44.1	29.3	41.8	66.4	66.3	63.6	53.7	64.4
Southern University at Shreveport	1,804	39.7	38.4	42.6	48.4	49.0	38.1	53.4	62.2	57.5	62.6
Baton Rouge Community College	5,379	65.2	68.8	63.8	78.4	67.3	43.7	50.4	37.1	80.3	62.7
Bossier Parish Community College	4,366	66.4	665.3	55.5	57.1	66.4	69.7	671.4	59.7	60.0	67.8
Delgado Community College	8,690	43.8	42.4	43.8	47.1	47.1	66.1	69.1	71.5	77.5	77.5
Nunez Community College	1,412	45.1	55.3	41.6	44.4	52.4	44.5	80.9	18.0	0.0	0.0
River Parishes Community College	1,307	72.9	69.9	57.3	67.8	24.0	33.7	36.6	44.0	61.5	82.1
South Louisiana Community College	3,272	66.6	80.4	78.3	83.8	77.7	68.1	82.1	82.0	85.2	84.9
Acadian	87	50.3	64.6	0.0	49.1	0.0	63.7	65.1	53.8	59.2	27.9
Charles B. Coreil	41	21.5	37.6	24.2	65.4	21.8	60.0	90.0	0.0	55.1	20.2
Evangeline	86	53.3	35.2	41.2	0.0	0.0	54.6	0.0	0.0	79.1	54.3
Gulf Area	86	75.3	104.0	33.9	55.9	42.1	76.9	74.6	59.5	100.2	60.7
Lafayette	246	79.0	74.6	0.0	75.5	49.9	73.0	69.9	218.1	81.4	39.6
T. H. Harris	230	66.8	66.8	76.5	71.1	35.2	61.1	63.7	60.2	80.0	43.7
Young Memorial	127	50.5	28.5	37.8	38.7	22.6	5.9	11.7	8.9	5.4	19.3
Louisiana Delta Community College	1,463	72.5	71.5	71.5	64.1	72.0	44.0	27.0	27.0	49.4	42.7

Bastrop	124	40.6	87.8	87.8	56.8	45.8	21.6	29.9	29.9	10.8	10.2
Delta Ouachita	395	42.3	91.3	91.3	71.0	0.0	16.3	18.8	18.8	11.6	0.0
Northeast	165	42.1	36.4	64.7	48.2	40.8	4.8	5.7	15.1	7.3	7.9
Ruston	189	85.7	53.6	53.6	112.5	0.0	23.6	43.9	43.9	38.7	0.0
Tallulah	134	71.6	76.0	76.0	54.3	44.4	26.4	16.9	16.9	14.3	13.6
L E. Fletcher Tech Community College	1,342	62.4	34.2	36.0	27.0	27.1	19.1	41.7	46.8	29.7	26.6
Sowela Technical Community College	2,300	44.1	46.4	49.7	46.8	56.8	46.8	59.7	56.2	54.0	47.6
Central LA Technical College											
Alexandria	589	24.7	19.6	49.0	29.3	40.9	28.8	25.0	23.9	25.0	23.1
Avoyelles	184	59.8	66.7	69.1	51.0	49.1	44.8	45.1	60.0	41.2	62.7
Huey P. Long	109	0.0	0.0	0.0	0.0	0.0	15.9	15.8	27.1	11.7	18.7
Lamar Salter	162	41.1	37.0	50.7	25.2	31.0	25.1	14.7	21.9	28.2	14.1
Shelby Jackson	231	48.8	45.4	43.4	40.4	30.7	0.0	0.0	0.0	0.0	0.0
Northwest LA Technical College											
Mansfield	124	38.3	52.9	53.4	35.8	32.2	21.9	22.0	28.9	15.4	11.9
Natchitoches	204	31.0	34.9	33.5	32.9	24.2	25.9	28.5	33.5	24.1	20.6
Northwest	302	59.0	48.8	58.7	45.6	44.6	27.5	30.0	21.5	30.4	29.8
Sabine Valley	119	54.7	54.7	47.6	25.5	36.5	0.0	0.0	21.3	0.0	0.0
Shreveport Bossier	263	29.0	26.5	27.1	30.2	31.2	20.6	8.2	30.0	14.9	21.0
Northshore Technical Community College											
Sullivan	413	53.9	51.7	56.3	47.3	51.2	28.2	25.0	45.2	32.7	39.0

*DOES NOT INCLUDE SATURDAY CLASSES

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