

AVERAGE WEEKLY ROOM USAGE IN CLASSROOMS

TABLE 3

The average room hours is a measurement to indicate the adequacy of the number of available classrooms to meet the needs of an institution's instructional programs. It is simply an indication of the number of class periods a room is used. To obtain this number the class duration (number of hours the class meets or class length) is rounded to the nearest half hour, then is multiplied by the number of days per week the class meets, thus giving the total room hours of instruction. This is then divided by the total number of rooms classified with a room type of "110" (classrooms). Room hours of instruction reflects the number of scheduled hours of instruction, regardless of class size, occurring in a room during a one week period. Three classes meeting for one hour each and one class meeting for three hours would each generate three room hours of instruction.

The definitions of "daytime" and "nighttime" should be made explicit. "Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of classrooms is 30 hours per week.

$$\text{Average Room Hours} = \frac{\text{Total Room Hours of Instruction in Classrooms}}{\text{Total Number of Classrooms}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE	
Mon./Wed./Fri.	08:00 - 09:00	33	110	3 days * 1 hour = 3
Tues./Thurs.	08:00 - 09:30	40	110	2 days * 1.5 hr = 3
Mon./Wed./Fri.	09:00 - 10:00	46	110	3 days * 1 hour = 3

Tues./Thurs.	09:30 - 11:00	26	110	2 days * 1.5 hr = 3
Mon./Wed./Fri.	10:00 - 11:00	52	110	3 days * 1 hour = 3
Mon./Wed./Fri.	11:00 - 12:00	45	110	3 days * 1 hour = 3
Tues./Thurs.	11:00 - 12:30	54	110	2 days * 1.5 hr = 3
Mon./Wed./Fri.	12:00 - 13:00	26	110	3 days * 1 hour = 3
Mon./Wed./Fri.	13:00 - 14:00	30	110	3 days * 1 hour = 3
Tues./Thurs.	17:00 - 19:00	39	110	2 days * 1.5 hr = 3

				TOTAL 30

The last class listed in the sample data, which is on Tuesday and Thursday, starts at 17:00 which is considered nighttime, so that three would be placed under "Nighttime". The remaining twenty-seven hours would be placed under "Daytime". Thirty would be "Total Room Hours". The sample report uses 135 as the total number of rooms classified with a room type of "110" (classrooms).

$$\begin{aligned} \text{Total Room Hours of Instruction} &= 30 \\ \text{-----} & \text{-----} = .22 \\ \text{Total Number of Classrooms} &= 135 \end{aligned}$$

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	27.00	3.00	.22

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INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2006	2005	2004	2003	2002
PUBLIC FOUR YEAR INSTITUTIONS									
Grambling State University	4,643	1,167	986	181	9.8	12.0	17.6	15.5	17.0
Louisiana Tech University	8,918	3,081	2,736	346	23.1	25.3	21.2	18.0	19.2
McNeese State University	7,255	2,649	2,269	381	25.9	22.9	23.3	22.3	20.5
Nicholls State University	5,777	2,041	1,783	258	14.0	15.3	16.5	16.3	17.2
University of Louisiana in Monroe	7,437	2,683	2,326	357	16.9	18.9	16.0	17.8	**
Northwestern State University	7,657	2,614	2,185	429	15.1	17.2	19.4	20.2	22.8
Southeastern Louisiana University	13,049	4,289	3,685	605	21.0	22.8	20.0	21.9	22.4
University of Louisiana in Lafayette	14,315	4,518	3,988	530	21.4	21.6	21.3	23.3	22.1
LSU at Alexandria	1,857	846	731	115	21.6	23.6	24.4	23.2	23.8
LSU A&M (Including Ag. & Law)	27,909	7,483	7,027	457	21.7	21.0	21.5	24.6	27.2
LSU in Shreveport	2,888	1,183	845	338	14.6	14.6	14.8	15.3	15.2
University of New Orleans	9,083	2,908	2,400	508	13.7		**	**	22.5
Southern University A&M	8,392	3,431	2,778	654	11.2	12.7	12.8	11.7	12.2
Southern University at New Orleans	1,818	**	**	**	**	**	13.9	13.3	11.2
PUBLIC TWO YEAR INSTITUTIONS									
LSU at Eunice	1,917	648	609	39	19.0	20.5	21.8	23.8	21.0
Southern University at Shreveport	1,762	644	513	131	8.8	9.2	14.4	10.9	9.0
Baton Rouge Community College	4,527	1,836	1,515	321	30.6	29.6	38.0	39.1	37.5
Bossier Parish Community College**	3,171	**	**	**	**	**	**	**	**
Delgado Community College	7,641	2,203	1,585	618	19.8	**	24.3	24.3	23.5
Nunez Community College	640	514	373	142	34.2	**	25.3	25.3	**
River Parishes Community College**	631	**	**	**	**	**	**	**	**
South Louisiana Community College	1,369	604	426	178	20.8	15.3	13.7	20.1	

LTC - Sullivan	502	316	289	27	18.5		12.3
LTC - T. H. Harris	470	247	247	0	9.4	11.5	6.6
LTC - Tallulah/M. Surles	221	80	80	0	8.0	13.4	15.3
LTC - Teche Area	358	0	0	0	0.0	6.5	14.3

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN CLASSROOMS (TABLE 3) 2006

