

FACILITIES EFFICIENCY STANDARDS

Early Childhood Center

Grades: 3-4 year olds

Enrollment (FTE): 294

Utilization Factor: 100%

Gross Square Feet per FTE: 125

Abbreviations and Definitions:

FTE: Full-time equivalent

SF: Square feet

Grossing Factor: 40% of total net SF for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.

Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as a kindergarten toilet room.

Space Considerations:

Student Commons and Other Shared Instructional Areas: Area allowances for F.E.S. capacity-generating classrooms and specialized spaces can be used to provide student commons and other shared instructional areas if desired.

Special Education: Special education population is assumed to be 8% of 324 FTE, or 24 students, with 1/2 of students assigned to self-contained classrooms; Districts should adjust to reflect actual practices.

Classroom Net SF and Support Spaces: Required support space(s) for each room type are noted in the comments column and underlined. The district may elect to provide additional support spaces, which can be deducted from the main room net SF allowance, provided that the program can be accommodated within the remaining SF.

Room Type	CAPACITY			SQUARE FEET		Comments
	Number of Rooms	Students per room	Total Students	Net SF per Room	Total Net SF	
F.E.S. Capacity-Generating Clrms.:						
Pre-Kindergarten Classroom	18	15	270	950	17,100	Net room SF to include <u>toilet room</u>
Pre-Kindergarten Special Education Classroom	2	12	24	950	1,900	Net room SF to include <u>toilet room</u>
					19,000	Subtotal Net SF
					72%	Percentage of Total GSF
Specialized Spaces:						
Multi-Purpose/Large Group Allowance					4,600	May NOT be assigned capacity by the district. Net room SF to include <u>kitchen</u>
Small Group Instruction Room Allowance					800	District to determine size and quantity based on programs and class size.
					5,400	Subtotal Net SF
					21%	Percentage of Total GSF
Administrative/Support:						
Health Services Allowance					400	Net room SF to include <u>toilet room</u> and <u>exam room</u>
Administrative/Student Services Allowance					1,150	Includes main office, principal's office, conference room, etc.
Faculty Support Allowance					300	
					1,850	Subtotal Net SF
					7%	Percentage of Total GSF
TOTALS:						
Total Capacity (FTE)			294			
Total Net SF					26,250	
Grossing Factor					1.40	
Total Gross Square Feet					36,750	
Gross SF per FTE					125	
Area Cost Allowance per SF					\$143	
Total Cost					\$5,255,250	

FACILITIES EFFICIENCY STANDARDS

Elementary School

Grades: K-5
 Total Number of Seats: 510
 Utilization Factor: 90%
Full-time Equivalent Students (FTE): 460
Gross Square Feet per FTE: 125

Abbreviations and Definitions:

SF: Square feet
 Grossing Factor: 40% of total net SF for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.
 Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as a kindergarten toilet room.

Space Considerations:

Pre-Kindergarten: Adjustments will be made to the FES for districts required to provide pre-kindergarten programs per the Approved Early Childhood Plan; Rooms to be sized at 950 SF, including toilet room, for 15 students each.
 Classroom Net SF and Support Spaces: Required support space(s) for each room type are noted in the comments column and underlined. The district may elect to provide additional support spaces, which can be deducted from the main room net SF allowance, provided that the program can be accommodated within the remaining SF.

Room Type	Number of Rooms	CAPACITY		SQUARE FEET		Comments
		Students per room	Total Students	Net SF per Room	Total Net SF	
F.E.S. Capacity-Generating Clrms.:						
Kindergarten Classroom	2.13	21	45	950	2,025	Net room SF to include <u>toilet room</u>
General Classroom, Grades 1-3	12.81	21	269	850	10,888	
General Classroom, Grades 4-5	7.80	23	179	800	6,243	
Self-Contained Special Education Classroom	1.39	12	17	600	833	
					19,988	Subtotal Net SF (includes 1.11 utilization factor)
					49%	Percentage of Total GSF
Specialized Spaces:						
Visual and Performing Arts Allowance					1,250	May NOT be assigned capacity by the district. For art and music; Also see food services/assembly allowance for performing arts
Food Services/Assembly Allowance					6,250	Net SF to include <u>eating and assembly area, stage, and kitchen</u>
Physical Education Allowance					4,250	Net room SF to include <u>gym</u> and <u>storage room</u>
Technological Literacy Allowance					850	
Media Center Allowance					4,000	Net room SF to include <u>media center, related support spaces, and computer lab</u>
Small Group Instruction Room Allowance					1,600	District to determine size and quantity based on programs and class size.
					18,200	Subtotal Net SF
					44%	Percentage of Total GSF
Administrative/Support:						
Health Services Allowance					400	Net room SF to include <u>toilet room</u> and <u>nurse's exam room</u>
Administrative/Student Services Allowance					2,125	Includes main office, principal's office, conference room, student services offices, etc.
Faculty Support Allowance					360	
					2,885	Subtotal Net SF
					7%	Percentage of Total GSF
TOTALS:						
Total Capacity (FTE)			510			
90% Utilization Rate			460			
Total Net SF					41,073	
Grossing Factor					1.40	
Total Gross Square Feet					57,502	
Gross SF per FTE					125	
Area Cost Allowance per SF					\$143	
Total Cost					\$8,222,769	

FACILITIES EFFICIENCY STANDARDS

Middle School

Grades: 6-8
 Total Number of Seats: 748
 Utilization Factor: 90%
Full-time Equivalent Students (FTE): 675
Gross Square Feet per FTE: 134

Abbreviations and Definitions:

SF: Square feet
 Grossing Factor: 40% of total net SF for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.
 Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as an art room storage room.

Space Considerations:

Optional Capacity-Generating Classrooms: Districts may elect to attribute student capacity to select specialized spaces based upon district scheduling practices.
 Classroom Net SF and Support Spaces: Required support space(s) for each room type are noted in the comments column and underlined. The district may elect to provide additional support spaces, which can be deducted from the main room net SF allowance, provided that the program can be accommodated within the remaining SF.

Room Type	Number of Rooms	CAPACITY		SQUARE FEET		Comments
		Students per room	Total Students	Net SF per Room	Total Net SF	
F.E.S. Capacity-Generating Clrms.:						
General Classroom, Grades 6-8	31.08	23	715	800	24,864	
Self-Contained Special Education Classroom	2.75	12	33	600	1,652	
					26,516	Subtotal Net SF (includes 1.11 utilization factor)
					41%	Percentage of Total GSF
Specialized Spaces:						
Optional Capacity-Generating Clrms.:						
Visual and Performing Arts Allowance					2,400	For art and music; Also see food services/assembly allowance for performing arts
Technological Literacy Allowance					2,400	For computer literacy, CAD, etc.
Physical Education Allowance					9,900	Net SF to include <u>gym</u> , <u>locker room(s)</u> , <u>office(s)</u> , and <u>storage room(s)</u>
Science Allowance					3,975	
Other Spaces:						
Food Services/Assembly Allowance					8,100	Net SF to include <u>eating and assembly area</u> , <u>stage</u> , and <u>kitchen</u>
Media Center Allowance					6,250	Net room SF to include media center and program support spaces
Small Group Instruction Room Allowance					2,000	District to determine size and quantity based on programs and class size.
					35,025	Subtotal Net SF
					54%	Percentage of Total GSF
Administrative/Support:						
Health Services Allowance					400	Net room SF to include <u>toilet room</u> and <u>nurse's exam room</u>
Administrative/Student Services Allowance					2,275	Includes main office, principal's office, conference room, student services offices, etc.
Faculty Support Allowance					520	
					3,195	Subtotal Net SF
					5%	Percentage of Total GSF
TOTALS:						
Total Capacity (FTE)			748			
90% Utilization Rate			675			
Total Net SF					64,736	
Grossing Factor					1.40	
Total Gross Square Feet					90,630	
Gross SF per FTE					134	
Area Cost Allowance per SF					\$143	
Total Cost					\$12,960,083	

FACILITIES EFFICIENCY STANDARDS

High School

Grades: 9-12
 Total Number of Seats: 1,076
 Utilization Factor: 85%
Full-time Equivalent Students (FTE): 900
Gross Square Feet per FTE: 151

Abbreviations and Definitions:

SF: Square feet
 Grossing Factor: 40% of total net SF for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.
 Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as an art room storage room.

Space Considerations:

Optional Capacity-Generating Classrooms: Districts may elect to attribute student capacity to select specialized spaces based upon district scheduling practices.
 Classroom Net SF and Support Spaces: Required support space(s) for each room type are noted in the comments column and underlined. The district may elect to provide additional support spaces, which can be deducted from the main room net SF allowance, provided that the program can be accommodated within the remaining SF.

Room Type	Number of Rooms	CAPACITY		SQUARE FEET		Comments
		Students per room	Total Students	Net SF per Room	Total Net SF	
F.E.S. Capacity-Generating Clrms.:						
General Classroom, Grades 9-12	43.66	24	1,048	750	32,745	Quantity can be reduced for capacity-generating specialized classrooms.
Self-Contained Special Education Classroom	2.36	12	28	600	1,416	
					34,161	Subtotal Net SF (includes 1.18 utilization factor)
					35%	Percentage of Total GSF
Specialized Spaces:						
Optional Capacity-Generating Clrms.:						
Visual and Performing Arts Allowance					3,100	Can be assigned capacity based on district scheduling practices. Also see "Other Classrooms/Student Spaces"
Physical Education Allowance					21,100	Net SF to include <u>gym, locker room(s), office(s), and storage room(s)</u>
Technological Literacy Allowance					1,400	For computer literacy, CAD, etc.
Science Allowance					5,750	
Other Spaces:						
Assembly/Large Group Allowance					6,300	May NOT be assigned capacity by the district.
Food Services Allowance					8,000	Includes <u>kitchen</u>
Media Center Allowance					10,075	Net room SF to include media center and program support spaces
Small Group Instruction Room Allowance					2,400	District to determine size and quantity based on programs and class size.
					58,125	Subtotal Net SF
					60%	Percentage of Total GSF
Administrative/Support:						
Health Services Allowance					470	Net room SF to include <u>toilet room and nurse's exam room</u>
Administrative/Student Services Allowance					3,875	Includes main office, principal's office, conference room, student services offices, etc.
Faculty Support Allowance					680	
					5,025	Subtotal Net SF
					5%	Percentage of Total GSF
TOTALS:						
Total Capacity (FTE)			1,076			
85% Utilization Rate			900			
Total Net SF					97,311	
Grossing Factor					1.40	
Total Gross Square Feet					136,235	
Gross SF per FTE					151	
Area Cost Allowance per SF					\$143	
Total Cost					\$19,481,662	

FACILITIES EFFICIENCY STANDARDS
Elementary / Middle School (draft)

Grades: PK-8

Full-time Equivalent Students (FTE): **690**

Utilization Factor: 90%

Gross Square Feet per FTE: **128** (Weighted Area Allowance based on 460 PK-5 students and 230 6-8 students)

Definitions:

Grossing Factor: 40% of total net square feet (NSF) for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.

Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as a kindergarten toilet room.

Space Considerations:

Optional Capacity-Generating Classrooms Districts may elect to attribute student capacity to select specialized spaces based upon scheduling practices.

Classroom Net SF and Support Spaces: Required support space(s) for each room type are noted in the comments column and underlined. The district may elect to provide additional support spaces, which can be deducted from the NSF allowance for the particular room type, provided that the program can be accommodated within the remaining NSF.

Room Type	Number of Rooms	CAPACITY		SQUARE FEET		Comments
		Students per room	Total Students	Net SF per Room	Total Net SF	
F.E.S. Capacity-Generating Cirms.:						
Kindergarten Classroom	3.00	21	63	950	2,850	Net room SF to include <u>toilet room</u>
General Classroom, Grades 1-3	12.00	21	252	850	10,200	
General Classroom, Grades 4-5	7.00	23	161	800	5,600	
General Classroom, Grades 6-8	11.00	23	253	800	8,800	
Self-Contained Special Education Classroom	3.00	12	36	600	1,800	
					29,250	Subtotal Net SF
					46%	<i>Percentage of Total GSF</i>
Specialized Spaces:						
Optional Capacity-Generating Cirms.:						
Visual and Performing Arts Allowance					2,400	Can be assigned capacity based on district scheduling practices. For art and music; Also see food services/assembly allowance for performing arts; SF Recommendation: 1,200 SF art room including storage and kiln rooms, 1,200 SF music room including storage
Technological Literacy Allowance					950	For computer literacy, CAD, etc.
Physical Education Allowance					9,600	Net SF to include <u>gym, locker room(s), office(s), and storage room(s)</u>
Science Allowance					1,350	
Other Spaces:						
Food Services/Assembly Allowance					8,100	May NOT be assigned capacity by the district. Net SF to include <u>eating and assembly area, stage, and kitchen</u> ; SF Recommendation: cafeteria seating for 350 x 16 sf/student = 5,600 SF, 1,000 SF stage, 1,500 SF full service kitchen
Media Services Allowance					6,100	Net room SF to include <u>media center and related support</u> ; SF Recommendation: 5,850 SF media center, 250 SF work/storage room
Small Group Instruction Room Allowance					2,000	District to determine size and quantity based on programs and class size
					30,500	Subtotal Net SF
					48%	<i>Percentage of Total GSF</i>
Administrative/Support:						
Health Services Allowance					400	Net room SF to include <u>toilet room and nurse's exam room</u>
Administrative/Student Services Allowance					2,275	Includes main office, principal's office, conference room, student services offices, technology coordinator office, security office, etc.
Faculty Support Allowance					520	
					3,195	Subtotal Net SF
					5%	<i>Percentage of Total GSF</i>
TOTALS:						
Maximum Capacity			765			
FTE (90% Utilization Rate)			689			
Total Net SF					62,945	
Grossing Factor					1.40	
Total Gross Square Feet					88,123	
Gross SF per FTE					128	

FACILITIES EFFICIENCY STANDARDS

Middle/High School (draft)

Grades: 6-12
Full-time Equivalent Students (FTE): 1,575
 Utilization Factor: 85%
Gross Square Feet per FTE: 144 (Weighted Area Allowance based on 675 6-8 students and 900 9-12 students)

Definitions:

Grossing Factor: 40% of total net square feet (NSF) for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.

Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as a kindergarten toilet room.

Space Considerations:

Optional Capacity-Generating Classrooms Districts may elect to attribute student capacity to select specialized spaces based upon scheduling practices.

Classroom Net SF and Support Spaces: Required support space(s) for each room type are noted in the comments column and underlined. The district may elect to provide additional support spaces, which can be deducted from the NSF allowance for the particular room type, provided that the program can be accommodated within the remaining NSF.

Room Type	Number of Rooms	CAPACITY		SQUARE FEET		Comments / SF Recommendations
		Students per room	Total Students	Net SF per Room	Total Net SF	
F.E.S. Capacity-Generating Clrms.:						
General Classroom, Grades 6-8	31	23	713	800	24,800	
General Classroom, Grades 9-12	45	24	1,080	750	33,750	HS general classroom quantity can be reduced for capacity generating specialized classrooms.
Self-Contained Special Education Classroom	5	12	60	600	3,000	
					61,550	Subtotal Net SF
					44%	Percentage of Total GSF
Specialized Spaces:						
Optional Capacity-Generating Clrms.:						
Visual and Performing Arts Allowance					3,100	Can be assigned capacity based on district scheduling practices. Includes art room, music room, music practice room; Also see "Other Classrooms/Student Spaces."
Physical Education Allowance					21,000	Includes gym(s), locker room(s), office(s), and storage room(s)
Technological Literacy Allowance					1,400	For computer literacy, CAD, etc.
Science Allowance					5,750	
Other Spaces:						
Assembly/Large Group Allowance					6,300	May NOT be assigned capacity by the district. Net SF to include <u>stage</u>
Food Services Allowance					18,000	Net SF to include <u>kitchen</u> ; SF Recommendation: (2) 6,400 SF cafeterias, 4,700 SF full-service kitchen, 500 SF faculty dining area
Media Services Allowance					14,000	Net room SF to include <u>media center</u> and <u>related support</u>
Small Group Instruction Room Allowance					2,400	District to determine size and quantity based on programs and class size.
					71,950	Subtotal Net SF
					51%	Percentage of Total GSF
Administrative/Support:						
Health Services Allowance					825	Net room SF to include <u>toilet room</u> and <u>exam room</u>
Administrative/Student Services Allowance					5,500	Includes main office, principal's office, conference room, student services offices, technology coordinator office, security office, etc.
Faculty Support Allowance					680	
					7,005	Subtotal Net SF
					5%	Percentage of Total GSF
TOTALS:						
Maximum Capacity			1,853			
FTE (85% Utilization Rate)			1,575			
Total Net SF					140,505	
Grossing Factor					1.40	
Total Gross Square Feet					196,707	
Gross SF per FTE					125	

FACILITIES EFFICIENCY STANDARDS

Central Office

Total District Enrollment: **3,075 FTE**

(3 elementary schools with 1,500 FTE total, 1 middle school with 675 FTE, and 1 high school with 900 FTE.)

Abbreviations and Definitions:

SF: Square feet

Grossing Factor: 40% of total net SF for circulation, corridor/group toilet rooms, storage, receiving, mechanical, communications, electrical, etc.

Support Space: A room dedicated to one or two rooms that is only accessed from that room(s) and not the corridor, such as an art room storage room.

Room Type	Number of Rooms	CAPACITY		SQUARE FEET		Comments
		Students per room	Total Students	Net SF per Room	Total Net SF	
Administrative/Support:						
Administrative Office Allowance					3,600	
Child Study Team Office Allowance					1,175	
					4,775	Subtotal Net SF
TOTALS:						
Total Capacity (FTE)			0			
Total Net SF					4,775	
Grossing Factor					1.40	
Total Gross Square Feet					6,685	
Gross SF per FTE					2.17	
Area Cost Allowance per SF					\$143	
Total Cost					\$955,955	