

HOW TO DETERMINE AN OCCUPANT LOAD?



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IF YOU KNOW HOW BIG A BUILDING IS
AND HOW IT'S INTENDED TO BE USED



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NOTES

A large area of dotted lines for taking notes.



AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD
 1,500 SF / 15 SF/PERSON = 100 PEOPLE



2021 International Building Code (IBC) - Upgrade to Premium		
TABLE 1004.8 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT		
FUNCTION OR SPACE		OCCUPANT LOAD/1,000 SF
Accessory storage areas, mechanical equipment room		100 gross
Agricultural building		100 gross
Animal kennel		100 gross
Apprenticeship		100 gross
Baggage claim		20 gross
Baggage handling		100 gross
Classroom		100 gross
Building area		10 gross
Assembly		
Gaming floors (slots, dice, etc.)		15 gross
Exhibit gallery and museum		30 net
Assembly with fixed seats		See Section 1004.5
Assembly without fixed seats		15 net
Concert hall (seats only—total floor)		7 net
Standing space		5 net
Theater (total seats and stalls)		15 net
Seating without other 5 persons for each row including 15 feet of aisleway, and for additional areas		7 net
Business areas		150 gross
Commercial office use areas		See Section 1004.5
Courtyards—other than food vending areas		40 net
City hall		30 net
Dormitories		10 gross
Educational		
Classroom area		20 net
Shops and other recreational team areas		50 net
Exercise rooms		10 gross
Group 100 habitation and manufacturing areas		100 gross
Industrial areas		100 gross
Institutional areas		100 gross



150 gross

AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD
 100 SF / 150 SF/PERSON = 1 PERSON



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AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD
 15,000 SF / 500 SF/PERSON = 30 PEOPLE



NOTES

[A large grid of dots for taking notes.]

HOW TO DETERMINE AN OCCUPANT LOAD?



AREA	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
5,000 SF	/ 5 SF/PERSON	= 1,000 PEOPLE



HOW TO DETERMINE OCCUPANT LOADS?

FIXED SEATING: COUNT SEATS

WITHOUT FIXED SEATING: AREA / OCCUPANT LOAD FACTOR

NOTES

Grid of dotted lines for notes.