

WHAT IS AN "OCCUPANT LOAD FACTOR"?



OCCUPANT LOAD FACTOR?

- CLASSIFICATION
- REPRESENTS AN AREA PER PERSON



2021 International Building Code (IBC) | Upgrade to Premium

TABLE 1004.6 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	OCCUPANT LOAD FACTOR
Accessory storage areas, mechanical equipment rooms	500 gross
Agricultural building	500 gross
Animal housing	500 gross
Apparatus terminal	500 gross
Baggage claim	50 gross
Baggage handling	500 gross
Canteens	100 gross
Waiting areas	10 gross
Assembly	
Gaming floors (bars, clubs, etc.)	11 gross
Exhibit spaces and theaters	30 net
Assembly with fixed seats	See Section 1004.5
Assembly without fixed seats	
Conventional (chairs with seat backs)	7 net
Banquet space	5 net
Unconventional (tables and chairs)	10 net
Banquet centers, above 2 persons for each line including 10 feet of runway, and for additional areas	7 net
Business areas	100 gross
Conferences/business meeting areas	See Section 1004.5
Courtrooms—other than food seating areas	40 net
Day care	30 net
Dormitories	50 gross
Educational	
Classroom areas	30 net
Shops and other vocational room areas	50 net
Exercise rooms	50 gross
Group fitness and manufacturing areas	200 gross
Industrial areas	100 gross
Institutional areas	500 gross



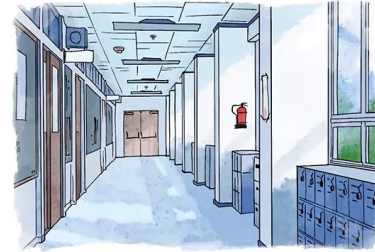
NOTES

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TABLE 1004.6 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	OCCUPANT LOAD FACTOR*
Accession storage areas, mechanical equipment rooms	300 gross
Agricultural building	300 gross
Airport hangars	500 gross
Apartment building	
Baggage claim	20 gross
Baggage handling	300 gross
Concessions	100 gross
Waiting areas	15 gross
Assembly	
Catering (bars, clubs, etc.)	10 gross
Exhibit gallery and museum	30 net
Assembly with fixed seats	See Section 1004.6
Assembly without fixed seats	
Concentrated (chairs, only—no fixed)	7 net
Standing space	5 net
Concentrated (chairs and tables)	10 net
Dining centers, allow 5 persons for each hour including 15 feet of runway, and for additional areas	7 net
Business areas	100 gross
Concentrated business use areas	See Section 1004.6
Classrooms—other than fixed seating areas	40 net
Day care	30 net
Dormitories	50 gross
Educational	
Classroom areas	20 net
Shops and other vocational room areas	
Exhibition rooms	



NOTES

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