



COMMUNITY DEVELOPMENT DEPARTMENT BUILDING DIVISION

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-Policy - Outdoor Seating Occupancy Load Calculations for Plumbing Fixtures

This policy is to be used when determining the plumbing fixture count based on the occupancy tables in the California Building Code or the California Plumbing Code. Note: Exiting requirements shall not be reduced.

Outdoor seating with no cover or sides will be calculated at 50% of the outdoor occupant load. Outdoor seating with a cover and no screened or permanent walls will be calculated at 75% occupancy. Outdoor seating that is covered with screened or permanent walls will be calculated at 100% capacity.

Example: California Building Code

Occupancy: A-2 – Restaurant

Interior seating

$1,200 \text{ sq. ft.} / 15 = 80 \text{ occupants}$

Outdoor seating - open with no cover or walls

$1,200 \text{ sq. ft.} / 15 = 80 \text{ occupants} \times 50 \% = 40 \text{ occupants for additional plumbing fixture calculations}$

Total= 160 occupants for exiting, etc...

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120 occupants used for calculating the required for plumbing fixtures based on the CBC

Example: California Plumbing Code

Occupancy: A-2 - Restaurant

Interior seating

$1,200 \text{ sq. ft.} / 30 = 40 \text{ occupants}$

Outdoor seating - open with no cover or walls

$1,200 \text{ sq. ft.} / 30 = 40 \text{ occupants} \times 50 \% = 20 \text{ occupants for additional plumbing fixtures}$

Total = 160 occupants for exiting, etc...

60 occupants used for calculating the required plumbing fixture calculations.