



**California Building Code 2022 (Vol 1 & 2)**

**1006.2.1 Egress Based on Occupant Load and Common Path of Egress Travel Distance**

Two exits or exit access doorways from any space shall be provided where the design occupant load or the common path of egress travel distance exceeds the values listed in Table 1006.2.1. The cumulative occupant load from adjacent rooms, areas or spaces shall be determined in accordance with Section 1004.2.

**Exceptions:**

- The number of exits from foyers, lobbies, vestibules or similar spaces need not be based on cumulative occupant loads for areas discharging through such spaces, but the capacity of the exits from such spaces shall be based on applicable cumulative occupant loads.
- Rooms and corridors in Group I-2 and I-2.1 occupancies complying with Section 407.4.
- Unoccupied mechanical rooms and penthouses are not required to comply with the common path of egress travel distance measurement.
- In detention and correctional facilities and holding cells, such as are found in courthouse buildings, when the occupant load is more than 20 see Section 408.3.1.

**TABLE 1006.2.1**  
SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

OCCUPANCY	MAXIMUM OCCUPANT LOAD OF SPACE	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (feet)		
		Without Sprinkler System (feet)		With Sprinkler System (feet)
		Occupant Load		
		OL ≤ 30	OL > 30	
A, E, M	49	75	75	75 <sup>a</sup>
B	49	100	75	100 <sup>b</sup>
F	49	75	75	100 <sup>c</sup>
H-1, H-2, H-3	3	NP	NP	25 <sup>d</sup>
H-4, H-5	10	NP	NP	75 <sup>d</sup>
I-2, I-2.1, I-4	10	NP	NP	75 <sup>d</sup>
I-3	10	NP	NP	100 <sup>d</sup>
R-1	10	NP	NP	75 <sup>d</sup>
R-2	20	NP	NP	125 <sup>d</sup>
R-2.1	10	NP	NP	75 <sup>d</sup>
R-2.2	20	NP	NP	125 <sup>d</sup>
R-3, R-3.1 <sup>e</sup>	20	NP	NP	125 <sup>d</sup> + f
R-4 <sup>g</sup>	20	NP	NP	125 <sup>d</sup> + f
S <sup>h</sup>	29	100	75	100 <sup>i</sup>
U	49	100	75	75 <sup>j</sup>
L		See Section 453.6.1	NP	NP

For SI: 1 foot = 304.8 mm.  
NP = Not Permitted.

a. Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2. See Section 903 for occupancies where automatic sprinkler systems are permitted in accordance with Section 903.3.1.2.

b. Group H occupancies equipped throughout with an automatic sprinkler system in accordance with Section 903.2.5.

c. For a room or space used for assembly purposes having fixed seating, see Section 1030.8.

d. For the travel distance limitations and number of exit and exit access requirements for rooms and spaces in Group I-2 or I-2.1, see Section 407.4.

e. The common path of egress travel distance shall only apply in a Group R-3 occupancy located in a mixed occupancy building.

f. The length of common path of egress travel distance in a Group S-2 open parking garage shall be not more than 100 feet.

g. For the travel distance limitations in Groups R-3 and R-4 equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.3, see Section 1006.2.2.6.

h. For holding cells, see Section 408.3.11.

i. In accordance with Health and Safety Code Section 131736(d), there is no requirement for automatic sprinkler protection in an existing Group I-2 located in Type IA construction.

**1006.2.1.1 Three or More Exits or Exit Access Doorways**  
Three exits or exit access doorways shall be provided from any space with an occupant load of 501 to 1,000. Four exits or exit access doorways shall be provided from any space with an occupant load greater than 1,000.

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OCCUPANCY LOAD CALCULATIONS	
<b>Open Space A</b>	
Net Occupant Area:	5,080 S.F.
Calc per table 1004.1.2:	5,080 S.F. / 150
Occupant Load Total:	34 persons
<b>Open Space B</b>	
Net Occupant Area:	6,288 S.F.
Calc per table 1004.1.2:	6,288 S.F. / 150
Occupant Load Total:	42 persons

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