

E 17-15

1006.2.1, TABLE 1006.2.1; (IFC[BE] 1006.2.1, TABLE 1006.2.1)

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2015 International Building Code

Revise as follows:

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.

~~Exceptions~~Exception:

- ~~1. In Group R-2 and R-3 occupancies, one means of egress is permitted within and from individual dwelling units with a maximum occupant load of 20 where the dwelling unit is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 and the common path of egress travel does not exceed 125 feet (38 100 mm).~~
1. Care suites in Group I-2 occupancies complying with Section 407.4.

**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 ^c , E, M	49	75	75	75 ^a
B	49	100	75	100 ^a
F	49	75	75	100 ^a
H-1, H-2, H-3	3	NP	NP	25 ^b
H-4, H-5	10	NP	NP	75 ^b
I-1, I-2 ^d , I-4	10	NP	NP	75 ^a
I-3	10	NP	NP	100 ^a
R-1	10	NP	NP	75 ^a
R-2	10 <u>20</u>	NP	NP	125 ^a
R-3 ^e	10 <u>20</u>	NP	NP	125 ^a
R-4 ^e	10 <u>20</u>	75	75	125 ^a
S ^f	29	100	75	100 ^a
U	49	100	75	75 ^a

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 1029.8.
- d. For the travel distance limitations in Group I-2, see Section 407.4.
- e. ~~The length of common path of egress travel distance shall only apply~~ in a Group R-3 occupancy located in a mixed occupancy building or within a Group R-3 or R-4 *congregate living facility*.
- 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.

Reason: Exception #1 of Section 1006.2.1 is essentially an exception to the maximum occupant load limits of 10 in Table 1006.2.1 for R-2 and R-3. Increasing the maximum occupant load from 10 to 20 in the table for R-2, R-3 and R-4 and deleting exception #1 is appropriate since all Group R occupancies require sprinkler protection per Section 903.2.8 (NFPA 13 and NFPA 13-R system) and the 125' common path limit in the exception is consistent with the table so the exception is no longer needed.

The occupant load limit for R-4 in the table is also proposed to be modified from 10 to 20. Section 310.6 limits R-4 occupancies to 16 residents but does not include "staff" so it is likely that the occupant load will be 17 or more.

The change in footnote e is intended to clarify the intent and make it easier to understand.

Cost Impact: Will not increase the cost of construction

This code change eliminates a redundant provision and will not affect the cost of construction.

E 17-15 : 1006.2.1-KRANZ3767