

TABLE 504.4
ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE^{a, b}

OCCUPANCY CLASSIFICATION	TYPE OF CONSTRUCTION									
	SEE FOOTNOTES	TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
A-1	NS	UL	5	3	2	3	2	3	2	1
	S	UL	6	4	3	4	3	4	3	2
A-2	NS	UL	11	3	2	3	2	3	2	1
	S	UL	12	4	3	4	3	4	3	2
A-3	NS	UL	11	3	2	3	2	3	2	1
	S	UL	12	4	3	4	3	4	3	2
A-4	NS	UL	11	3	2	3	2	3	2	1
	S	UL	12	4	3	4	3	4	3	2
A-5	NS	UL	UL	UL	UL	UL	UL	UL	UL	UL
	S	UL	UL	UL	UL	UL	UL	UL	UL	UL
B	NS	UL	11	5	3	5	3	5	3	2
	S	UL	12	6	4	6	4	6	4	3
E	NS	UL	5	3	2	3	2	3	1	1
	S	UL	6	4	3	4	3	4	2	2
F-1	NS	UL	11	4	2	3	2	4	2	1
	S	UL	12	5	3	4	3	5	3	2
F-2	NS	UL	11	5	3	4	3	5	3	2
	S	UL	12	6	4	5	4	6	4	3
H-1	NS ^{c, d}	1	1	1	1	1	1	1	1	NP
	S									
H-2	NS ^{c, d}	UL	3	2	1	2	1	2	1	1
	S									
H-3	NS ^{c, d}	UL	6	4	2	4	2	4	2	1
	S									

S-1	NS	UL	11	4	2	3	2	4	3	1
	S	UL	12	5	3	4	3	5	4	2
S-2	NS	UL	11	5	3	4	3	4	4	2
	S	UL	12	6	4	5	4	5	5	3
U	NS	UL	5	4	2	3	2	4	2	1
	S	UL	6	5	3	4	3	5	3	2

UL = Unlimited; NP = Not Permitted; NS = Buildings not equipped throughout with an automatic sprinkler system; S = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1; S13R = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.2; S13D = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.3.

- a. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter.
- b. See Section 903.2 for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.
- c. New Group H occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.5.
- d. The NS value is only for use in evaluation of existing building height in accordance with the *International Existing Building Code*.
- e. New Group I-1 and I-3 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6. For new Group I-1 occupancies, Condition 1, see Exception 1 of Section 903.2.6.
- f. New and existing Group I-2 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6 and 1103.5 of the *International Fire Code*.
- g. For new Group I-4 occupancies, see Exceptions 2 and 3 of Section 903.2.6.
- h. New Group R occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.8.

H-4	NS ^{c, d}	UL	7	5	3	5	3	5	3	2				
	S	UL	8	6	4	6	4	6	4	3				
H-5	NS ^{c, d}	4	4	3	3	3	3	3	3	2				
	S		4	3	3	3	3	3	3	2				
I-1 Condition 1	NS ^{d, e}	UL	9	4	3	4	3	4	3	2				
	S	UL	10	5	4	5	4	5	4	3				
I-1 Condition 2	NS ^{d, e}	UL	9	4	3	4	3	4	3	2				
	S	UL	10	5		4	3	4	3	2				
I-2	NS ^{d, f}	UL	4	2	1	1	NP	1	1	NP				
	S	UL	5	3		1	1	NP	1	1	NP			
I-3	NS ^{d, e}	UL	4	2	1	2	1	2	2	1				
	S	UL	5	3	2	3	2	3	3	2				
I-4	NS ^{d, g}	UL	5	3	2	3	2	3	1	1				
	S	UL	6	4	3	4	3	4	2	2				
M	NS	UL	11	4	2	4	2	4	3	1				
	S	UL	12	5	3	5	3	5	4	2				
R-1 ^h	NS ^d	UL	11	4	4	4	4	4	3	2				
	S13R	4	4						4	4	4	4	3	
	S	UL	12						5	5	5	5	5	4
R-2 ^h	NS ^d	UL	11	4	4	4	4	4	3	2				
	S13R	4	4	4					4	4	4	4	3	
	S	UL	12	5					5	5	5	5	4	3
R-3 ^h	NS ^d	UL	11	4	4	4	4	4	3	3				
	S13D	4	4						4	4	4	4	3	3
	S13R	4	4						4	4	4	4	4	4
	S	UL	12						5	5	5	5	5	4
R-4 ^h	NS ^d	UL	11	4	4	4	4	4	3	2				
	S13D	4	4						4	4	4	4	3	2
	S13R	4	4						4	4	4	4	4	3
	S	UL	12						5	5	5	5	5	4