

**Table 7.21.1
Minimum Number of Required Plumbing Fixtures - Page 1**

No.	Classification	Use Group	Description	No. Of Persons of Each Sex	Water Closets (Urinals)		Lavatories		Drinking Water Facilities	Bath or Shower	Other
					Male	Female	Male	Female			
1	Assembly	A-1	Theatres and other buildings for the performing arts and motion pictures usually with fixed seats See Notes: 6, 9, 12, 16	1 - 50	1	1	1	2	1 per 1000 people		1 service sink per floor
				51 - 100	add 1	add 1	add 0	add 0			
				101 - 200	add 1	add 2	add 1	add 1			
				201 - 300	add 1	add 1	add 0	add 1			
				ea. add'l. 300 over 300	add 1	add 2	add 1	add 2			
		A-2	Dance halls, nightclubs and for similar purposes. See Notes: 2, 3, 6, 9, 12, 13, 16	1 - 25	1	1	1	2	1 per 200 people		1 service sink per floor
				26 - 50	add 1	add 1	add 1	add 1			
				51 - 100	add 1	add 2	add 1	add 1			
				ea. add'l. 200 over 100	add 1	add 2	add 1	add 2			
		A-3	Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, restaurants other than nightclubs, food courts. See Notes: 2, 3, 6, 9, 12, 13, 16	1 - 50	1	1	1	1	1 per 1000 people		1 service sink per floor
				51 - 150	add 1	add 1	add 0	add 1			
				151 - 300	add 0	add 1	add 0	add 0			
				ea. add'l. 300 over 300	add 1	add 2	add 1	add 2			
		A-4 and A-5	a) Places of worship and other religious services. Churches without assembly halls. See Notes: 6, 9, 12, 16	1 - 1000	1	1	1	1	1		1 service sink
				over 1000	add 1	add 1	add 1	add 1			
		A-4 and A-5	b) Arenas, convention halls, outdoor assembly including grandstands, bleachers, coliseums, stadiums, amusement park structures, fair and carnival structures, passenger terminals. See Notes: 2, 3, 6, 9, 12, 13, 16	1 - 100	2	2	1	2	1 per 1000 people		1 service sink per floor
				101 - 200	add 2	add 3	add 1	add 2			
				201 - 400	add 2	add 5	add 0	add 1			
				ea. add'l. 200 up to 2,600	add 1	add 2	add 2	add 2			
				ea. add'l. 300 over 2,600	add 1	add 2	add 2	add 2			
A-4 and A-5	c) Recreational facilities: includes health spas, golf courses, public swimming pools and similar uses. See Notes: 2, 3, 6, 9, 12, 16	1 - 40	1	2	1	2	1 per 75 people	1 shower per 15 people over 150	1 service sink per floor		
		ea. add'l. 40 over 40	add 1	add 2	add 1	add 2					

**Table 7.21.1
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No.	Classification	Use Group	Description	No. Of Persons of Each Sex	Water Closets (Urinals)		Lavatories		Drinking Water Facilities	Bath or Shower	Other
					Male	Female	Male	Female			
2	Business	B	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses. See Notes: 2, 6, 7, 12, 15, 16	1 - 15	1	1	1	1	1 per 1000 people		1 service sink per floor
				16 - 40	add 1	add 1	add 0	add 2			
				41 - 75	add 1	add 1	add 1	add 1			
				ea. add'l. 60 over 75	add 1	add 2	add 1	add 2			
3	Education	E	a) Educational facilities: Preschool, Day Care, Kindergarten See Notes: 6, 9, 16	1 - 15	1	1	1	1	1 per 100 people		1 service sink per floor
				16 - 30	add 1	add 1	add 1	add 1			
				31 - 45	add 1	add 1	add 1	add 1			
				46 - 60	add 1	add 1	add 1	add 1			
				61 - 75	add 1	add 1	add 1	add 1			
				76 - 90	add 1	add 1	add 1	add 1			
			ea. add'l. 30 over 90	add 1	add 1	add 1	add 2				
			b) Elementary Grades 1 - 5 See Notes: 6, 9, 16	1 - 25	1	1	1	2	1 per 100 people		1 service sink per floor
				26 - 50	add 1	add 1	add 1	add 1			
				51 - 75	add 1	add 1	add 1	add 1			
				76 - 100	add 1	add 1	add 1	add 1			
			ea. add'l. 50 over 100	add 1	add 1	add 1	add 2				
			c) Secondary Grades 6 - 12 and higher education facilities See Notes: 6, 9, 16, 17	1 - 30	1	1	1	2	1 per 100 people		1 service sink per floor
				31 - 60	add 1	add 1	add 1	add 1			
				61 - 90	add 1	add 1	add 1	add 1			
				91 - 120	add 1	add 1	add 1	add 1			
				ea. add'l. 60 over 120	add 1	add 2	add 1	add 2			
			4	Factory and Industrial	F-1 and F-2	Structures in which occupants are engaged in work fabricating, assembly or processing of products or materials. See Notes: 6, 9, 12, 16	1 - 10	1	1	1	1
11 - 25	add 1	add 1					add 0	add 1			
26 - 50	add 1	add 1					add 1	add 1			
51 - 75	add 1	add 1					add 0	add 1			
76 - 100	add 1	add 1					add 1	add 2			
ea. add'l. 50 over 100	add 2	add 2					add 2	add 2			

**Table 7.21.1
Minimum Number of Required Plumbing Fixtures - Page 3**

No.	Classification	Use Group	Description	No. Of Persons of Each Sex	Water Closets (Urinals)		Lavatories		Drinking Water Facilities	Bath or Shower	Other
					Male	Female	Male	Female			
6	Institutional	I-1	Six or more individuals in a supervised environment. Group homes. Alcohol and drug centers, convalescent facilities, hospital wards. See Notes: 16	1 - 8 patients	1	1	½ of required water closets		1 per 100 people	1 per 20 people	1 service sink per floor
				ea. add'l. 8 over 8	add 1	add 1					
		I-2	a) Buildings, with six or more individuals, used for medical, surgical, psychiatric, nursing or custodial care. b) Hospital rooms: private or semi-private.	1 water closet per room		1 per room`		1 per room	1 service sink per floor		
				I-3	Buildings, with six or more persons under some restraint or security: a) Detention centers (short term). See Notes: 14,16 b) Prisons, jails and reformatories (long term). See Notes: 14, 16	1 per cell or 1 per 4 inmates	1 per cell or 1 per 4 inmates	1 per 6 inmates	1 service sink per floor		
1 per cell or 1 per 8 inmates	1 per cell or 1 per 8 inmates	1 per 15 inmates	1 service sink per floor								
7	Mercantile	M	a) Fixtures for customers in buildings occupied for display and sales purposes. Retail stores, service stations, shops, salesrooms, markets and shopping centers. See Notes: 2, 6, 7, 12, 15, 16	1 - 50	1	1	1	1	1 per 1000 people		1 service sink per floor
				51 - 150	add 1	add 1	add 0	add 1			
				151 - 300	add 0	add 1	add 0	add 0			
				ea. add'l. 300 over 300	add 1	add 2	add 1	add 2			
			b) Fixtures for employees in buildings for the transaction of business, professional services, other services, involving merchandise, office buildings, banks, light industrial and similar uses. See Notes: 2, 6, 7, 12,15, 16	1 - 15	1	1	1	1	1 per 1000 people		1 service sink per floor
				16 - 40	add 1	add 1	add 0	add 2			
				41 - 75	add 1	add 1	add 1	add 1			
				ea. add'l. 60 over 75	add 1	add 2	add 1	add 1			

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					Male	Female	Male	Female			
8	Residential	R-1	a) Hotels, motels.	1 water closet per unit		1 per unit			1 per unit	1 service sink per floor	
			b) Dormitories and boarding houses.	1 – 20 ea. add'l. 20	2 add 1	2 add 2	1 add 1	2 add 2	1 per 100 or 1 per floor	2 ea. add'l. 20 add 1	1 service sink per floor 1 laundry tray per 100
			See Notes: 6, 9, 10, 16								
		R-2	Multi-family dwellings. See Note: 10	1 water closet per unit		1 per unit			1 per unit	1 kitchen sink per unit 1 laundry tray per 100	
		R-3 R-4	One and two-family dwellings, Detached one and two-family dwellings	1 water closet per unit		1 per unit			1 per unit	1 kitchen sink	
9	Storage	S-1	Structures for the storage of goods, warehouses, storehouses and freight depots. Moderate hazard.	1 water closet per unit		1 per unit			1 per unit	1 service sink per unit	
		S-2	Structures for the storage of goods, warehouses, storehouses and freight depots. Low hazard. See Notes: 1, 6								
10	Utility and miscellaneous	U	Accessory buildings: Barns, carports, stables, sheds, greenhouses.	None required							