

controlled by a master thermostatic mixing valve in lieu of individually controlled pressure balance or thermostatic mixing valves. Handle position stops shall be provided on such valves and shall be adjusted

per the manufacturer's instructions to deliver a maximum mixed water setting of 120°F (49°C). The water heater thermostat shall not be considered a suitable control for meeting this provision.

TABLE 4-1
Minimum Plumbing Facilities¹

LOCAL SPROUTS
645 CONGRESS

Each building shall be provided with sanitary facilities, including provisions for the physically handicapped as prescribed by the Department having jurisdiction. For requirements for the handicapped, *Chapter 7 Accessibility Regulations of the Maine Human Rights Commission (adopted rules that accompany MSRA 4594-F), may be used.

The total occupant load shall be determined by minimum exiting requirements. The minimum number of fixtures shall be calculated at fifty (50) percent male and fifty (50) percent female based on the total occupant load.

IBC 6004 155F/OCCUPANT = 24 x 80 = 1920 / 15 = 128 / 2

Type of Building or Occupancy ²	Water Closets ¹⁴ (Fixtures per Person)		Urinals ^{5, 10} (Fixtures per Person)	Lavatories (Fixtures per Person)		Bathtubs or Showers (Fixtures per Person)	Drinking Fountains ^{3, 13} (Fixtures per Person)
	Male	Female	Male	Male	Female		
Assembly Places – Theatres, Auditoriums, Convention Halls, etc. – for permanent employee use	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	1: 1-15 3: 16-35 4: 36-55	0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	1 per 40	1 per 40		
Assembly Places – Theatres, Auditoriums, Convention Halls, etc. – for public use	1: 1-100 2: 101-200 3: 201-400 Over 400, add one fixture for each additional 500 males and 1 for each additional 125 females.	3: 1-50 4: 51-100 8: 101-200 11: 201-400	1: 1-100 2: 101-200 3: 201-400 4: 401-600 Over 600 add 1 fixture for each additional 300 males.	1: 1-200 2: 201-400 3: 401-750 Over 750, add one fixture for each additional 500 persons.	1: 1-200 2: 201-400 3: 401-750	1: 1-150 2: 151-400 3: 401-750 Over 750, add one fixture for each additional 500 persons.	
Dormitories ⁹ School or Labor	1 per 10 Add 1 fixture for each additional 25 males (over 10) and 1 for each additional 20 females (over 8).	1 per 8	1 per 25 Over 150, add 1 fixture for each additional 50 males.	1 per 12 Over 12 add one fixture for each additional 20 males and 1 for each 15 additional females.	1 per 12	1 per 8 For females, add 1 bathtub per 30. Over 150, add 1 per 20.	1 per 150 ¹²
Dormitories – for staff use	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	1: 1-15 3: 16-35 4: 36-55	1 per 50	1 per 40	1 per 40	1 per 8	
Dwellings ⁴ Single Dwelling Multiple Dwelling or Apartment House	1 per dwelling 1 per dwelling or apartment unit			1 per dwelling 1 per dwelling or apartment unit		1 per dwelling 1 per dwelling or apartment unit	
Hospital Waiting rooms	1 per room			1 per room			1 per 150 ¹²
Hospitals – for employee use	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	1: 1-15 3: 16-35 4: 36-55	0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	1 per 40	1 per 40		
Hospitals Individual Room Ward Room	1 per room 1 per 8 patients			1 per room 1 per 10 patients		1 per room 1 per 20 patients	1 per 150 ¹²
Industrial ⁶ Warehouses Workshops, Foundries and similar establishments – for employee use	Male 1: 1-10 2: 11-25 3: 26-50 4: 51-75 5: 76-100 Over 100, add 1 fixture for	Female 1: 1-10 2: 11-25 3: 26-50 4: 51-75 5: 76-100		Up to 100, 1 per 10 persons Over 100, 1 per 15 persons ^{7, 8}		1 shower for each 15 persons exposed to excessive heat or to skin contamination with poisonous, infectious, or	1 per 150 ¹²

Table 4-1

MAINE STATE INTERNAL PLUMBING CODE

Type of Building or Occupancy ²	each additional 30 persons Water Closets ¹⁴ (Fixtures per Person)		Urinals ^{5, 10} (Fixtures per Person)	Lavatories (Fixtures per Person)		irritating material Bathtubs or Showers (Fixtures per Person)	Drinking Fountains ^{3, 13} (Fixtures per Person)
	Male	Female	Male	Male	Female		
Institutional – Other than Hospitals or Penal Institutions (on each occupied floor)	1 per 25	1 per 20	0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	1 per 10	1 per 10	1 per 8	1 per 150 ¹²
Institutional – Other than Hospitals or Penal Institutions (on each occupied floor) – for employee use	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	3: 1-50 1: 1-15 3: 16-35 4: 36-55	0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	1 per 40	1 per 40	1 per 8	1 per 150 ¹²
Office or Public Buildings	1: 1-100 2: 101-200 3: 201-400 11: 201-400 Over 400, add one fixture for each additional 500 males and 1 for each additional 150 females.	3: 1-50 4: 51-100 8: 101-200	1: 1-100 2: 101-200 3: 201-400 4: 401-600 Over 600 add 1 fixture for each additional 300 males.	1: 1-200 2: 201-400 3: 401-750 Over 750, add one fixture for each additional 500 persons	1: 1-200 2: 201-400 3: 401-750		1 per 150 ¹²
Office or Public Buildings – for employee use	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	1: 1-15 3: 16-35 4: 36-55	0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	1 per 40	1 per 40		
Penal Institutions – for employee use	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	1: 1-15 3: 16-35 4: 36-55	0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	1 per 40	1 per 40		1 per 150 ¹²
Penal Institutions – for prison use	1 per cell		Male 1 per exercise room	1 per cell			1 per cell block floor 1 per exercise room
Cell Exercise Room	1 per exercise room		Male 1 per exercise room	1 per exercise room			1 per exercise room
* Restaurants, Pubs and Lounges ¹¹	1: 1-50 2: 51-150 3: 151-300 Over 300, add 1 fixture for each additional 200 persons	1: 1-50 2: 51-150 4: 151-300	1: 1-150 Over 150, add 1 fixture for each additional 150 males	1: 1-150 2: 151-200 3: 201-400 Over 400, add 1 fixture for each additional 400 persons	1: 1-150 2: 151-200 3: 201-400		
Schools – for staff use All schools	1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons	1: 1-15 2: 16-35 3: 36-55	1 per 50	1 per 40	1 per 40		
Schools – for student use Nursery	1: 1-20 2: 21-50 Over 50, add 1 fixture for each additional 50 persons	1: 1-20 2: 21-50		1: 1-25 2: 26-50 Over 50, add 1 fixture for each additional 50 persons	1: 1-25 2: 26-50		1 per 150 ¹²
Elementary	1 per 30	1 per 25	1 per 75	1 per 35	1 per 35		1 per 150 ¹²
Secondary	1 per 40	1 per 30	1 per 35	1 per 40	1 per 40		1 per 150 ¹²
Others (Colleges, Universities, Adult Centers, etc.)	1 per 40	1 per 30	1 per 35	1 per 40	1 per 40		1 per 150 ¹²
Worship Places Educational and Activities Unit	1 per 150	1 per 75	1 per 150	1 per 2 water closets			1 per 150 ¹²
Worship Places Principal Assembly Place	1 per 150	1 per 75	1 per 150	1 per 2 water closets			1 per 150 ¹²

64 + 64 = 128

20 20

1. The figures shown are based upon one (1) fixture being the minimum required for the number of persons indicated or any fraction thereof.
2. Building categories not shown on this table shall be considered separately by the Administrative Authority.
3. Drinking fountains shall not be installed in toilet rooms.
4. Laundry trays. One (1) laundry tray or one (1) automatic washer standpipe for each dwelling unit or one (1) laundry tray or one (1) automatic washer standpipe, or combination thereof, for each twelve (12) apartments. Kitchen sinks, one (1) for each dwelling or apartment unit.
- * 5. For each urinal added in excess of the minimum required, one water closet may be deducted. The number of water closets shall not be reduced to less than two-thirds (2/3) of the minimum requirement.
6. As required by ANSI Z4.1-1968, Sanitation in Places of Employment.
7. Where there is exposure to skin contamination with poisonous, infectious, or irritating materials, provide one (1) lavatory for each five (5) persons.
8. Twenty-four (24) lineal inches (610 mm) of wash sink or eighteen (18) inches (457 mm) of a circular basin, when provided with water outlets for such space, shall be considered equivalent to one (1) lavatory.
9. Laundry trays, one (1) for each fifty (50) persons. Service sinks, one (1) for each hundred (100) persons.
10. General. In applying this schedule of facilities, consideration shall be given to the accessibility of the fixtures. Conformity purely on a numerical basis may not result in an installation suited to the need of the individual establishment. For example, schools should be provided with toilet facilities on each floor having classrooms.
 - a. Surrounding materials, wall and floor space to a point two (2) feet (610 mm) in front of urinal lip and four (4) feet (1219 mm) above the floor, and at least two (2) feet (610 mm) to each side of the urinal shall be lined with non-absorbent materials.
 - b. Trough urinals shall be prohibited.
- * 11. A restaurant is defined as a business which sells food to be consumed on the premises.
 - a. The number of occupants for a drive-in restaurant shall be considered as equal to the number of parking stalls.
 - b. Employee toilet facilities shall not be included in the above restaurant requirements. Hand washing facilities shall be available in the kitchen for employees.
12. Where food is consumed indoors, water stations may be substituted for drinking fountains. Offices, or public buildings for use by more than six (6) persons shall have one (1) drinking fountain for the first one hundred fifty (150) persons and one (1) additional fountain for each three hundred (300) persons thereafter.
13. There shall be a minimum of one (1) drinking fountain per occupied floor in schools, theatres, auditoriums, dormitories, offices or public building.
14. The total number of water closets for females shall be at least equal to the total number of water closets and urinals required for males.

REFERENCE PUBLICATIONS

1. **ADA Accessibility Guidelines**
 New England Disability and Business
 Technical Assistance Center
 374 Congress Street, Suite 301
 Boston, MA 02110
 Telephone: 1-(800) 949-4232 (Voice/TTY)

2. **Maine Human Rights Act**
 Maine Human Rights Commission
 State House Station #51
 Augusta, Maine 04333
 Telephone: (207) 624-6050
 Fax: (207) 624-6063
 Web Site: www.state.me.us/mhrc or janus.state.me.us/mhrc