**SECTION 403 MINIMUM PLUMBING FACILITIES

403.1 Minimum number of fixtures.**
Plumbing fixtures shall be provided for the type of *occupancy* and in the minimum number shown in Table 403.1. Types of occupancies not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the *International Building Code. Occupancy* classification shall be determined in accordance with the *International Building Code.*  **TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURESa (See** **Sections 403.2** **and** **403.3****)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO.**  | **CLASSIFICATION**  | **OCCUPANCY**  | **DESCRIPTION**  | **WATER CLOSETS (URINALS SEE** **SECTION 419.2****)**  | **LAVATORIES**  | **BATHTUBS/ SHOWERS**  | **DRINKING FOUNTAINe, f (SEE SECTION 410.1)**  | **OTHER**  |
| **MALE**  | **FEMALE**  | **MALE**  | **FEMALE**  |
| 1  | Assembly  | A-1d  | Theaters and other buildings for the performing arts and motion pictures  | 1 per 125  | 1 per 65  | 1 per 200  | —  | 1 per 500  | 1 service sink  |
| A-2d  | Nightclubs, bars, taverns, dance halls and buildings for similar purposes  | 1 per 40  | 1 per 40  | 1 per 75  | —  | 1 per 500  | 1 service sink  |
| Restaurants, banquet halls and food courts  | 1 per 75  | 1 per 75  | 1 per 200  | —  | 1 per 500  | 1 service sink  |
| A-3d  | Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums  | 1 per 125  | 1 per 65  | 1 per 200  | —  | 1 per 500  | 1 service sink  |
| Passenger terminals and transportation facilities  | 1 per 500  | 1 per 500  | 1 per 750  | —  | 1 per 1,000  | 1 service sink  |
| Places of worship and other religious services  | 1 per 150  | 1 per 75  | 1 per 200  | —  | 1 per 1,000  | 1 service sink  |

 *(continued)*  **TABLE 403.1 —continued MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURESa (See** **Sections 403.2** **and** **403.3****)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO.**  | **CLASSIFICATION**  | **OCCUPANCY**  | **DESCRIPTION**  | **WATER CLOSETS (URINALS SEE SECTION 419.2)**  | **LAVATORIES**  | **BATHTUBS/ SHOWERS**  | **DRINKING FOUNTAINe, f (SEE SECTION 410.1)**  | **OTHER**  |
| **MALE**  | **FEMALE**  | **MALE**  | **FEMALE**  |
| 1 (cont.)  | Assembly  | A-4  | Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities  | 1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500  | 1 per 40 for the first 1,520 and 1 per 60 for the remainder exceeding 1,520  | 1 per 200  | 1 per 150  | —  | 1 per 1,000  | 1 service sink  |
| A-5  | Stadiums, amusement parks, bleachers and grandstands for outdoor sporting events and activities  | 1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500  | 1 per 40 for the first 1,520 and 1 per 60 for the remainder exceeding 1,520  | 1 per 200  | 1 per 150  | —  | 1 per 1,000  | 1 service sink  |
| 2  | Business  | B  | Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses  | 1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50  | 1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80  | —  | 1 per 100  | 1 service sinkg  |
| 3  | Educational  | E  | Educational facilities  | 1 per 50  | 1 per 50  | —  | 1 per 100  | 1 service sink  |
| 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  | 1 per 100  | 1 per 100  | (see Section 411)  | 1 per 400  | 1 service sink  |
| 5  | Institutional  | I-1  | Residential care  | 1 per 10  | 1 per 10  | 1 per 8  | 1 per 100  | 1 service sink  |
| I-2  | Hospitals, ambulatory nursing home care recipient  | 1 per roomc  | 1 per roomc  | 1 per 15  | 1 per 100  | 1 service sink per floor  |
| Employees, other than residential careb  | 1 per 25  | 1 per 35  | —  | 1 per 100  | —  |
| Visitors, other than residential care  | 1 per 75  | 1 per 100  | —  | 1 per 500  | —  |
| I-3  | Prisonsb  | 1 per cell  | 1 per cell  | 1 per 15  | 1 per 100  | 1 service sink  |
| Reformitories, detention centers, and correctional centersb  | 1 per 15  | 1 per 15  | 1 per 15  | 1 per 100  | 1 service sink  |
| Employeesb  | 1 per 25  | 1 per 35  | —  | 1 per 100  | —  |
| I-4  | Adult day care and child care  | 1 per 15  | 1 per 15  | 1  | 1 per 100  | 1 service sink  |

 *(continued)*  **TABLE 403.1 —continued MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURESa (See** **Sections 403.2** **and** **403.3****)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO.**  | **CLASSIFICATION**  | **OCCUPANCY**  | **DESCRIPTION**  | **WATER CLOSETS (URINALS SEE** **SECTION 419.2****)**  | **LAVATORIES**  | **BATHTUBS/ SHOWERS**  | **DRINKING FOUNTAINe, f (SEE SECTION 410.1)**  | **OTHER**  |
| **MALE**  | **FEMALE**  | **MALE**  | **FEMALE**  |
| 6  | Mercantile  | M  | Retail stores, service stations, shops, salesrooms, markets and shopping centers  | 1 per 500  | 1 per 750  | —  | 1 per 1,000  | 1 service sinkg  |
| 7  | Residential  | R-1  | Hotels, motels, boarding houses (transient)  | 1 per sleeping unit  | 1 per sleeping unit  | 1 per sleeping unit  | —  | 1 service sink  |
| R-2  | Dormitories, fraternities, sororities and boarding houses (not transient)  | 1 per 10  | 1 per 10  | 1 per 8  | 1 per 100  | 1 service sink  |
| R-2  | Apartment house  | 1 per dwelling unit  | 1 per dwelling unit  | 1 per dwelling unit  | —  | 1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per 20 dwelling units  |
| R-3  | Congregate living facilities with 16 or fewer persons  | 1 per 10  | 1 per 10  | 1 per 8  | 1 per 100  | 1 service sink  |
| R-3  | One- and two-family dwellings  | 1 per dwelling unit  | 1 per dwelling unit  | 1 per dwelling unit  | —  | 1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per dwelling unit  |
| R-4  | Congregate living facilities with 16 or fewer persons  | 1 per 10  | 1 per 10  | 1 per 8  | 1 per 100  | 1 service sink  |
| 8  | Storage  | S-1 S-2  | Structures for the storage of goods, warehouses, storehouse and freight depots. Low and Moderate Hazard.  | 1 per 100  | 1 per 100  | See Section 411  | 1 per 1,000  | 1 service sink  |

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| a. The fixtures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated. The number of occupants shall be determined by the *International Building Code*.  |
| b. Toilet facilities for employees shall be separate from facilities for inmates or care recipients.  |
| c. A single-occupant toilet room with one water closet and one lavatory serving not more than two adjacent patient sleeping units shall be permitted where such room is provided with direct access from each patient sleeping unit and with provisions for privacy.  |
| d. The occupant load for seasonal outdoor seating and entertainment areas shall be included when determining the minimum number of facilities required.  |
| e. The minimum number of required drinking fountains shall comply with Table 403.1 and Chapter 11 of the *International Building Code*.  |
| f. Drinking fountains are not required for an occupant load of 15 or fewer.  |
| g. For business and mercantile occupancies with an occupant load of 15 or fewer, service sinks shall not be required.  |

**403.1.1 Fixture calculations.**
To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type shall be applied to the occupant load of each sex in accordance with Table 403.1. Fractional numbers resulting from applying the fixture ratios of Table 403.1 shall be rounded up to the next whole number. For calculations involving multiple *occupancies*, such fractional numbers for each *occupancy* shall first be summed and then rounded up to the next whole number.  **Exception:** The total occupant load shall not be required to be divided in half where *approved* statistical data indicates a distribution of the sexes of other than 50 percent of each sex.

**403.1.2 Family or assisted-use toilet and bath fixtures.**
Fixtures located within family or assisted-use toilet and bathing rooms required by Section 1109.2.1 of the *International Building Code* are permitted to be included in the number of required fixtures for either the male or female occupants in assembly and mercantile *occupancies*.

**403.2 Separate facilities.**
Where plumbing fixtures are required, separate facilities shall be provided for each sex.  **Exceptions:**

1. Separate facilities shall not be required for dwelling units and sleeping units.

2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or fewer.

3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or fewer.

**403.2.1 Family or assisted-use toilet facilities serving as separate facilities.**
Where a building or tenant space requires a separate toilet facility for each sex and each toilet facility is required to have only one water closet, two family/assisted-use toilet facilities shall be permitted to serve as the required separate facilities. Family or assisted- use toilet facilities shall not be required to be identified for exclusive use by either sex as required by Section 403.4.

**403.3 Required public toilet facilities.**
Customers, patrons and visitors shall be provided with *public* toilet facilities in structures and tenant spaces intended for public utilization. The number of plumbing fixtures located within the required toilet facilities shall be provided in accordance with Section 403 for all users. Employees shall be provided with toilet facilities in all *occupancies*. Employee toilet facilities shall be either separate or combined employee and *public* toilet facilities.  **Exception:** Public toilet facilities shall not be required in open or enclosed parking garages. Toilet facilities shall not be required in parking garages where there are no parking attendants.

**403.3.1 Access.**
The route to the *public* toilet facilities required by Section 403.3 shall not pass through kitchens, storage rooms or closets. Access to the required facilities shall be from within the building or from the exterior of the building. All routes shall comply with the accessibility requirements of the *International Building Code*. The public shall have access to the required toilet facilities at all times that the building is occupied.

**[B] 403.3.2 Toilet room location.**
Toilet rooms shall not open directly into a room used for the preparation of food for service to the public.

**403.3.3 Location of toilet facilities in occupancies other than malls.**
In occupancies other than covered and open mall buildings, the required *public* and employee toilet facilities shall be located not more than one story above or below the space required to be provided with toilet facilities, and the path of travel to such facilities shall not exceed a distance of 500 feet (152 m).  **Exception:** The location and maximum travel distances to required employee facilities in factory and industrial *occupancies* are permitted to exceed that required by this section, provided that the location and maximum travel distance are *approved*.

**403.3.4 Location of toilet facilities in malls.**
In covered and open mall buildings, the required *public* and employee toilet facilities shall be located not more than one story above or below the space required to be provided with toilet facilities, and the path of travel to such facilities shall not exceed a distance of 300 feet (91 440 mm). In mall buildings, the required facilities shall be based on total square footage within a covered mall building or within the perimeter line of an open mall building, and facilities shall be installed in each individual store or in a central toilet area located in accordance with this section. The maximum travel distance to central toilet facilities in mall buildings shall be measured from the main entrance of any store or tenant space. In mall buildings, where employees’ toilet facilities are not provided in the individual store, the maximum travel distance shall be measured from the employees’ work area of the store or tenant space.

**403.3.5 Pay facilities.**
Where pay facilities are installed, such facilities shall be in excess of the required minimum facilities. Required facilities shall be free of charge.

**403.3.6 Door locking.**
Where a toilet room is provided for the use of multiple occupants, the egress door for the room shall not be lockable from the inside of the room. This section does not apply to family or assisted-use toilet rooms.

**403.4 Signage.**
Required *public* facilities shall be designated by a legible sign for each sex. Signs shall be readily visible and located near the entrance to each toilet facility. Signs for accessible toilet facilities shall comply with Section 1110 of the *International Building Code*.

**403.4.1 Directional signage.**
Directional signage indicating the route to the *public* facilities shall be posted in accordance with Section 3107 of the *International Building Code*. Such signage shall be located in a corridor or aisle, at the entrance to the facilities for customers and visitors.

**403.5 Drinking fountain location.**
Drinking fountains shall not be required to be located in individual tenant spaces provided that public drinking fountains are located within a travel distance of 500 feet (152 mm) of the most remote location in the tenant space and not more than one story above or below the tenant space. Where the tenant space is in a covered or open mall, such distance shall not exceed 300 feet (91 440 mm). Drinking fountains shall be located on an accessible route.