ADA Standards
Part 2

Agenda
• Toilet Rooms
• Bathing Facilities
• Communication Elements
• Special Rooms & Spaces
• Built-In Elements
(Chapters 6 – 9)

Which toilet rooms must comply?
Toilet & Bathing Facilities (§213)

In new construction, all toilet and bathing facilities must be accessible, except:

• portable units (5% min)
• clustered single user toilet rooms (50% min)

Clustered Toilet Rooms

Access to at least 50% of single user toilet rooms clustered at 1 location & serving same users

Toilet Rooms (§603)

Components of accessible toilet rooms
Toilet Rooms
Door maneuvering clearance (exterior)

Toilet Rooms
Wheelchair space beyond door swing

Toilet Rooms
Clear floor space at toilet for approach & transfer
Toilet Rooms
Turning space (circular or T-shaped)

Toilet Rooms
Clear floor space at fixtures & elements

Toilet Rooms
Interior door maneuvering clearance
What’s the minimum size of an accessible toilet room?

Toilet Rooms

Size of toilet rooms determined by:

- Room layout
- Number & configuration of fixtures
- Swing of doors
- Other factors

Overall room dimensions not specified

Toilet Room

Water Closet Clearance
Toilet Room
Lavatory cannot overlap toilet clearance (except in dwelling units)

Toilet Room
Recessed Lavatory (shorter rear grab bar allowed)

Toilet Room
Doors (single user toilet room)

Keep swing outside fixture clearances or ...

... provide unobstructed clear floor space (30” x 48” min.) outside swing (location not specified)
Toilet Room
Door maneuvering clearance (interior)

Toilet Room
Turning Space: 60” diameter circle or “T” shaped space

Toilet Room
Permitted overlap of turning space
Toilet Room
Approximate Dimensions: Width

Toilet Room
Approximate Dimensions: Depth (in-swinging door)

Toilet Room
Approximate Dimensions: Depth (out-swinging door)
Toilet Rooms

The requirements apply to all types of layouts.

Baby Changing Tables

Additional fixtures often effect the room size.

Baby Changing Tables

Cannot overlap fixture clearances or door maneuvering clearances when stowed.
Baby Changing Tables

Compliant as a work surface with clear floor space for a forward approach

Children’s Toilets

Toilet Compartments

Door in corner opposite water closet to provide space to enter
Toilet Compartments
Minimum size and toe clearance (required below front and a side partition)

Toilet Compartments
Doors must be self-closing with pulls on both side and cannot swing into min. compartment area

Toilet Compartment: End of Row
End-of-row stall incorporates aisle space into stall (door can swing in if beyond min. compartment area)
Toilet Compartments
Stalls with more than 1 plumbing fixture treated as toilet room (2nd complaint lavatory required outside stall)

Ambulatory Stall
Where 6 or more stalls (or water closets & urinals) provided

- parallel grab bars
- width: 35” – 37”
- depth: 60” min.
- doors: out-swinging, self-closing

Urinals
Wall Hung
Stall Type
Urinals

- Portions of wall-hung urinals that provide toe clearance (9" thigh min.) can overlap the clear floor space for a depth of 8" max.

Lavatories & Sinks

Sinks (§212.3)

Public/ Common Use: Access to 5% min. of each type in each room/space must comply
- Classrooms
- Laboratories (used for instruction)
- Break rooms

Work Areas: access not required (recommended)
- Laboratories (employee use only)
- Restaurant kitchen
- Janitor’s sink (exempt)
Lavatories (§213.3.4)

Toilet and bathing rooms: at least one lavatory must comply (not located in toilet stall)

Lavatories and Sinks (§606)

Forward approach required, but side approach permitted at:
- kitchen sinks in spaces without cook tops/ranges
- lavatories/sinks designed for children 5 years and younger

Knee & toe space at lavatories
Lavatories and Sinks

Knee & toe space total depth: 17" - 25"

Lavatories and Sinks

Knee & toe space depth must equal or exceed depth of reach to operable parts

Bathing Facilities
Bathing Facilities (§213)

In new construction, all bathing facilities must comply (except portable units - 5% min)

Bathing Facilities (§603)

At least one shower or tub required

• transfer shower stall
• roll-in shower
• combination transfer/roll-in shower (required in some transient lodging rooms)
• tubs

Bathing Facilities (§603)
Roll-in Shower

- Folding seating can be provided (required for some transient lodging guest rooms)
- ½" beveled curb allowed
- Grab bars can be continuous or split

Roll-in Shower (no seat)

Size and Clearance

Shower Spray Unit and Controls

permitted on any wall if no seat provided
Roll-in Shower (with seat)

Lavatory can overlap clearance at end opposite seat (but should be avoided for better access.)

Roll-in Shower (with seat)

Shower spray unit & controls required on back wall within reach from seat; grab bars cannot overlap seat

Alternate Roll-in Shower
Alternate Roll-in Shower (no seat)

Dimensions

![Diagram of Alternate Roll-in Shower (no seat)](image)

Alternate Roll-in Shower (with seat)

Seat must be folding and attached to front wall

![Images of Alternate Roll-in Shower (with seat)](image)

Thresholds (roll-in showers)

Beveled curb \( \frac{1}{8} \)" max. permitted - Consider trench drains and other alternatives to curbs for better access

![Diagram of Thresholds (roll-in showers)](image)
Transfer Shower

- Seat required
- ½” abrupt curb allowed
- Absolute stall dimensions
- Grab bars can be continuous or split

Transfer Shower

Stall dimensions: absolute, not minimum
36” measured at center point of wall

Transfer Shower

Required clearance positioned for alignment with seat
Transfer Shower
Vertical threshold ½” max. allowed

Shower Spray Units
- Usable as hand-held & in fixed position
- On/off control
- Non-positive shut-off
- Hose 59” min. long

Bathtubs (Removable Seat)
Bathtubs
Clearance and Grab Bars

Bathtubs (Permanent Seat)

Bathtubs (Permanent Seat)
**Bathroom: Roll-In Shower**

Fixture Clearances and Turning Space

Door can swing into turning space.

Clearance can be offset up to 8" from face of the door.
Communication Elements

- Fire Alarm Systems
- Signs
- Telephones
- Detectable Warnings
- Assistive Listening Systems
- ATMs & Fare Machines
- Two-Way Communication Systems

Signs (§216, §703)

- Tactile/visual – labels for permanent rooms & spaces, exit doors
- Visual only – directional or informational signs
- Exempt: temporary signs, building menus, directories, addresses, company names and logos
Tactile Signs

Signs identifying “permanent” rooms & spaces:
• designations not likely to change over time (or without significant alteration of room/space)
• typically located at doorways

Tactile Signs

• room and floor numbers/letters
• room names
• labels for restrooms, locker rooms, cafeterias, mechanical rooms, and other permanent rooms/spaces
• doors at exit stairways, exit passageways, and exit discharge (label required)
• signs identifying rail stations/entrances

Signs

<table>
<thead>
<tr>
<th>Tactile &amp; Visual</th>
<th>Visual Only</th>
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</thead>
<tbody>
<tr>
<td>“Room 123”</td>
<td>“Exit →”</td>
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<tr>
<td>“Restroom”</td>
<td>“Employees Only”</td>
</tr>
<tr>
<td>“Mechanical Room”</td>
<td>“Visitors must sign in”</td>
</tr>
<tr>
<td>“Exit” (at certain doors)</td>
<td>Exempt</td>
</tr>
<tr>
<td>“Floor B”</td>
<td>building directory</td>
</tr>
<tr>
<td>“Ballroom A”</td>
<td>“Mr. C. Smith, Accountant”</td>
</tr>
<tr>
<td>“C. Smith Room”</td>
<td></td>
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</tbody>
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**Signs**

*International Symbol of Accessibility*

- entrances
- toilet and bathing rooms
- check-out aisles
- parking
- existing elevators

Not required where *all* are accessible

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**Special Rooms, Spaces, and Elements**

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**Special Rooms & Spaces**

- Assembly Areas
- Dressing, Fitting, & Locker Rooms
- Kitchens & Kitchenettes
- Medical & Long-term care
- Transient Lodging

- Prison Cells
- Courtrooms
- Dwelling Units
- Transportation Facilities
- Storage
Dining & Work Surfaces (§226)

- Access to at least 5% of seating & standing spaces at dining surfaces
- Access to at least 5% of work surfaces (other than those used by employees)
- Dispersion

Sales & Service Counters (§227)

At least one of each type of sales and service counter must comply

Queues/ waiting lines and food service lines also addressed
Sales & Service Counters (§904)

- 36” max. height (accessible portion)
- applies to full depth of counter
- forward or side approach
- method to facilitate voice communication required where security glazing provided

Check-out aisles (§227)

- aisle width
- 38” max. counter height (2” max. high edge protection)
- check writing surface 28” – 34” high
- labeled by ISA (unless all accessible)

Technical Guides on the Standards

Available on the Board’s website
Questions?

U.S. Access Board

(800) 872-2253 (voice)
(800) 993-2822 (TTY)

E-mail: ta@access-board.gov

www.access-board.gov