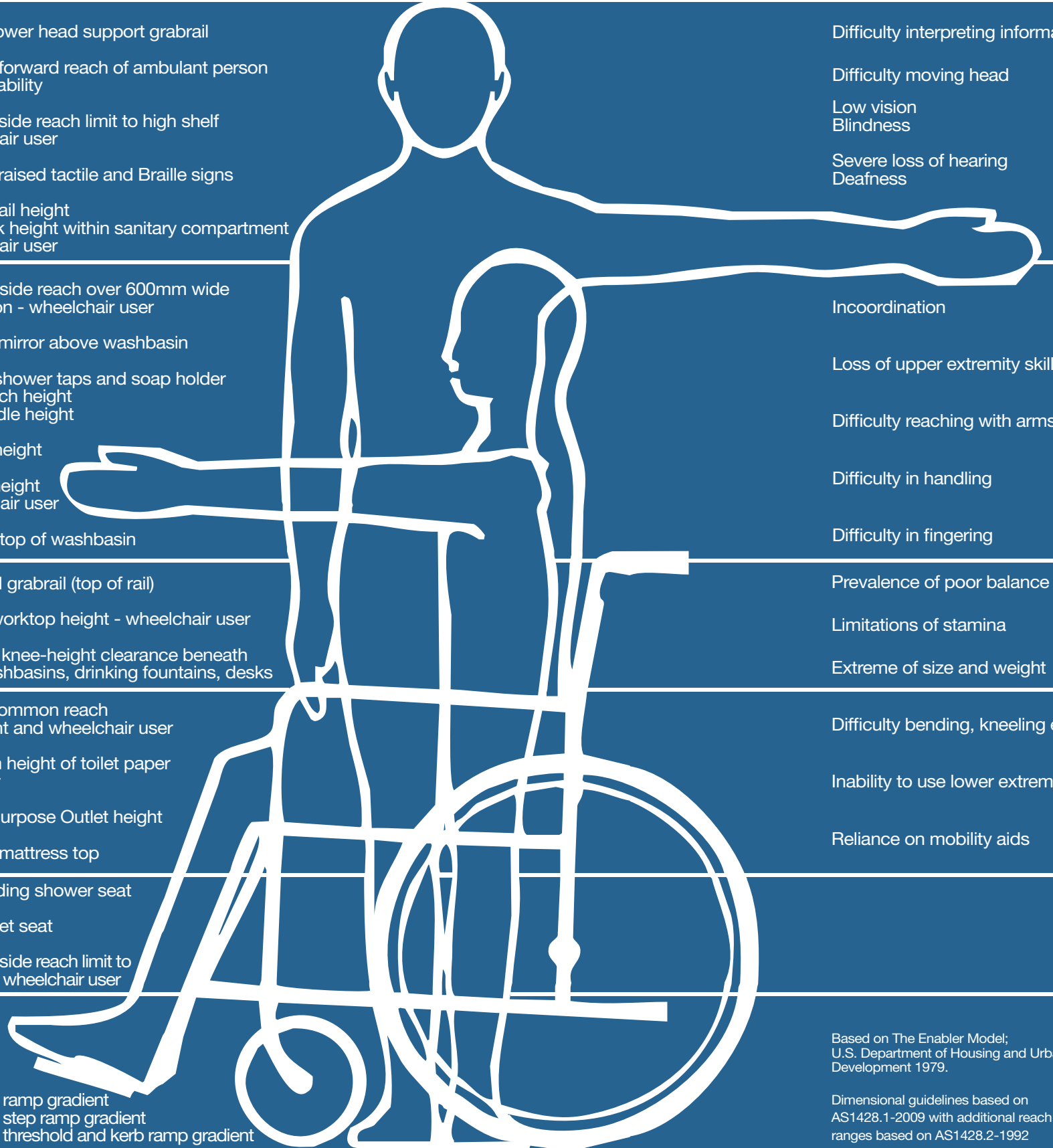


# Access for All

Heights/mm	Environment	Function
1880 - 1900	Top of shower head support grabrail	Difficulty interpreting information
1670	Height of forward reach of ambulant person with a disability	Difficulty moving head
1350	Height of side reach limit to high shelf - wheelchair user	Low vision Blindness
1200 - 1600	Height of raised tactile and Braille signs	Severe loss of hearing Deafness
1200 - 1350	Hanging rail height Coat hook height within sanitary compartment - wheelchair user	
1170	Height of side reach over 600mm wide obstruction - wheelchair user	Incoordination
900 - 1850	Extent of mirror above washbasin	Loss of upper extremity skills
900 - 1100	Zone for shower taps and soap holder Light switch height Door handle height	Difficulty reaching with arms
865 - 1000	Handrail height	Difficulty in handling
850 +/- 20	Counter height - wheelchair user	Difficulty in fingering
800 - 830	Height to top of washbasin	Prevalence of poor balance
800 - 810	Horizontal grabrail (top of rail)	Limitations of stamina
750 +/- 20	Table or worktop height - wheelchair user	Extreme of size and weight
720	Minimum knee-height clearance beneath table, washbasins, drinking fountains, desks	Difficulty bending, kneeling etc
700 - 1200	Zone of common reach - ambulant and wheelchair user	Inability to use lower extremities
700	Maximum height of toilet paper dispenser	Reliance on mobility aids
600 - 1100	General Purpose Outlet height	
480 - 500	Height of mattress top	
470 - 480	Top of folding shower seat	
460 - 480	Top of toilet seat	
230	Height of side reach limit to low shelf - wheelchair user	
1:14 1:10 1:8	Maximum ramp gradient Maximum step ramp gradient Maximum threshold and kerb ramp gradient	Based on The Enabler Model; U.S. Department of Housing and Urban Development 1979.  Dimensional guidelines based on AS1428.1-2009 with additional reach ranges based on AS1428.2-1992



530 - Latchside clearance to door on front approach, door opens towards user

850 - Minimum clear opening of doorway

1000 - Minimum width of continuous accessible path of travel

1800 - Minimum passing space for wheelchairs

1540 x 2070 - Minimum space required for a wheelchair to make a >90° to 180° turn

# The Human Factor

The above criteria are relevant to all people regardless of ability. This is to be used as a guide only. For complete details refer to relevant Australian Standards.

The original poster was produced in 1981 by the ACCESS Subcommittee of the International Year of Disabled Persons (IYDP) Planning Committee in Queensland under IYDP Funding approved by Terry White, Minister for Welfare Services and IYDP. The original concept for the poster was developed by Dr RM Warmington FRAIA - The Composite Being, a concept for the development of standards for Barrier Free Design. The original widths and dimensions were based on Dreyfuss Humanscale 1973.

This revised edition of the poster was produced in 2011 by the Australian Institute of Architects National Access Work Group to commemorate the 30th anniversary of IYDP and to reflect the changes that have occurred within this period. For information on Access for people with a disability contact Australian Human Rights Commission or refer to the Access Panel in your State or Territory.



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