

OCCUPANCY, POPULATION AND SANITARY FACILITY REQUIREMENTS

The number of sanitary facilities provided for the population and occupancy of the building to be served, shall be adequate, if in accordance with the table below.

Occupancy Classification	Class of Occupancy	Total Population Allowed	Population	Sanitary Facilities Required
A1	Entertainment and Public Assembly (Pubs etc)	Number of fixed seats or 1 person per m ² if there are no fixed seats.	Staff Public	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F)
A2	Theatrical and Indoor Sport (Cinema etc)	Number of fixed seats or 1 person per m ² if there are no fixed seats.	Staff Public Participants in sport	Table 6 Table 7 (peak) Table 7 (off peak) Table 8
A3	Places of Instruction (Educational Institutions)	1 person per 5m ²	Staff Students	Table 6 Table 7
A4	Places of Worship (Church)	Number of fixed seats or 1 person per m ² if there are no fixed seats.	Staff Public	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F)
A5	Outdoor Sport	Number of fixed seats or 1 person per m ² if there are no fixed seats.	Public Participants in sport	Table 7 (peak) Table 7 (off peak) Table 8
B1 - B3	Commercial Service (all risks)	1 person per 15m ²	Staff Public	Table 6 1 WC + 1 WHB
C1	Exhibition Hall	1 person per 10 m ²	Staff Public	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F)
C2	Museums	1 person per 20 m ²	Staff Public	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F)
D1 – D4	Industrial (All Risks) (Factories etc)	1 person per 15 m ²	Staff Public	Table 6 No separate provision
E1	Place of Detention	2 persons per bedroom	Number to be provided depends on type and design. Table 5 may be used as a guideline.	
E2	Hospital	1 person per 10 m ²	Number to be provided depends on type and design. Table 5 may be used as a guideline.	
E3	Other Institutional (Residential)	2 persons per bedroom	Number to be provided depends on type and design. Table 5 may be used as a guideline.	
F1	Large Shop (>250m ²)	1 person per 10 m ²	Staff Public	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F)
F2	Small Shop (<250m ²)	1 person per 10 m ²	Staff Public	Table 6 1 WC + 1 WHB
F3	Wholesalers Store	1 person per 20 m ²	Staff Public	Table 6 1 WC + 1 WHB
G1	Offices (Banks/Consultants etc)	1 person per 15 m ²	Staff Public	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F)
H1	Hotels	2 persons per bedroom	Staff Public Residents	Table 6 1 WC + 1 WHB (M) 1 WC + 1 WHB (F) Table 5
H2	Dormitory	1 person per 5 m ²	Staff Students	Table 5 Table 5
H3	Domestic Residence	2 persons per bedroom	1 WC + 1 WHB + 1 Bath or shower	
H4	Dwelling House	-	1 WC + 1 WHB + 1 Bath or shower	
J1 – J3	Storage (all risks)	1 person per 50 m ²	Table 6	
J4	Parking Garage	1 person per 50 m ²	Table 6	

EXEMPTIONS

- a) In any building where facilities in accordance with Table 6 are available to both staff members and the public, no separate facilities shall be required for the public.
- b) No separate facilities for the public shall be required within any shop having a floor area less than 50 m. In any group of shops under one ownership or complex on a single site –
 - Facilities for staff members may be situated at convenient locations and not necessarily in any particular shop or shops.
 - Facilities for the public may be situated at convenient locations and not necessarily in any particular shop or shops.
 - Facilities for staff members may be combined with those for the public.
- c) If staff members are exposed to high risk substances, dirt, dust, oil, soot, grease or similar substance that makes showers necessary, at least 1 shower per 15 persons shall be provided separately for each sex, and these showers shall be located near to, or have direct access to change rooms.

TABLE 5

For a population of up to -	Number of sanitary facilities to be provided relative to the population						
	<u>Males</u>				<u>Females</u>		
	WC's	Urinals	Whb's	Baths	WC's	Whb's	Baths
8	1	1	1	1	2	1	1
20	1	2	2	2	3	2	2
40	2	3	3	3	4	3	3
60	3	4	4	4	6	4	4
80	4	6	5	5	9	5	5
100	4	8	6	6	12	6	6
120	5	9	6	6	14	7	7
140	5	10	7	7	15	8	8
180	5	11	8	8	16	8	8
	For a population in excess of 180 add 1 WC for every 50 persons	For a population in excess of 180 add 1 urinal for every 40 persons	For a population in excess of 180 add 1 Whb and 1 Bath for every 50 persons		For a population in excess of 180 add 1 WC, 1Whb and 1 bath for every 60 persons.		

TABLE 6

For a staff population of up to -	Number of sanitary facilities to be provided relative to the population				
	<u>Males</u>			<u>Females</u>	
	WC's	Urinals	Whb's	WC's	Whb's
15	1	1	1	2	1
30	1	2	2	3	2
60	2	3	3	5	3
90	3	5	4	7	4
120	3	6	5	9	5
	For a population in excess of 120 add 1 WC, 1 urinal and 1 Whb for every 100 persons			For a population in excess of 120 add 1 WC for every 50 persons	For a population in excess of 120 add 1 Whb for every 100 persons

TABLE 7

For a population of up to -	Number of sanitary facilities to be provided relative to the population				
	Facilities subject to <u>peak</u> demand				
	Males			Females	
	WC's	Urinals	Whb's	WC's	Whb's
50	1	1	1	2	1
100	1	2	1	3	2
150	1	3	1	5	3
250	2	4	2	7	4
500	3	7	3	12	6
1000	3	12	4	16	7
1500	4	15	5	20	8
	For a population in excess of 1500 add 1 WC for every 500 persons	For a population in excess of 1500 add 1 urinal for every 300 persons	For a population in excess of 1500 add 1 whb for every 500 persons	For a population in excess of 1500 add 1 WC for every 150 persons	For a population in excess of 1500 add 1 whb for every 500 persons
Facilities subject to <u>off peak</u> demand					
50	1	-	1	1	1
100	1	1	1	2	1
150	1	2	1	3	2
250	2	3	2	5	3
500	2	4	3	6	4
1000	2	6	5	8	6
1500	3	7	6	10	7
	For a population in excess of 1500 add 1 WC for every 1000 persons	For a population in excess of 1500 add 1 urinal for every 500 persons	For a population in excess of 1500 add 1 whb for every 700 persons	For a population in excess of 1500 add 1 WC for every 300 persons	For a population in excess of 1500 add 1 whb for every 700 persons

TABLE 8

For a population of up to -	Number of sanitary facilities to be provided relative to the population						
	Males				Females		
	WC's	Urinals	Whb's	Showers	WC's	Whb's	Showers
10	1	1	1	2	2	1	2
20	1	2	2	2	3	2	2
30	2	2	3	3	5	3	3
40	3	3	3	3	6	3	4
60	3	4	4	5	7	4	5
80	4	5	5	5	9	5	5
100	4	6	5	6	10	5	6
	For a population in excess of 100 add 1 WC and 1 urinal for every 100 persons	For a population in excess of 100 add 1 whb for every 100 persons	For a population in excess of 100 add 1 shower for every 40 persons	For a population in excess of 100 add 1 WC and 1 whb for every 80 persons	For a population in excess of 100 add 1 shower for every 40 persons		

The above Tables have been extracted from the SABS Code 0400 - 1990 and recreated by the Environmental Health Section for the purpose of this web site.