

## Institutional Water Requirements

A well-developed city or town has hospitals, schools, restaurants, hotels, railway stations, bus terminus and offices of different departments. To cater to need for water of these establishments, consideration has to be given for water requirements of these units while planning for water supply system of a town or city.



S. No.	Institutions	Liters per Head per Day	Remark
1	Hospital (including laundry)		-
	(a) No. of beds exceeding 100	450	(per bed)
	(b) No. of beds not exceeding 100	340	(per bed)
2	Hotels	180	(per bed)
3	Hostels	135	-
4	Nurses homes and medical quarters	135	-
5	Boarding schools / colleges	135	-
6	Restaurants	70	(per seat)
7	Air ports and sea ports	10	-
8	Junction Stations and intermediate stations where mail or express stoppage (both railways and bus stations) is provided	70	-
9	Terminal station	45	-
10	Intermediate stations (excluding mail and express stops)	45	(could be reduced to 25 where bathing facilities are not provided)
11	Day schools/ colleges	45	-
12	Offices	45	-
13	Factories	45	(could be reduced to 25 where bathing facilities are not provided)
14	Cinema, concert halls and theatres	15	-

Bigger the town or city larger requirements will be there. On an average additional per capita demand for these units may be taken as 25 litres/head/day to 60 litres/head/day depending on the town or city.

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Industrial water requirements