Guideline

Non-residential water usage

1. Non-residential water usage rates

Development type	Development subtype	Key metric	Metric unit	Average demand (L/metric unit/day)
Commercial	Aged accommodation - full care	Number of beds	Each bed	220
	Aged accommodation - self care	Building area	Square metre	2.0
	Childcare	Building area	Square metre	2.5
	Hotel, motel, serviced apartments	Number of rooms	Each room	390
	Office	Building area	Square metre	0.4
	Shopping centre	Building area	Square metre	2.0
	Café, fast food, butcher, deli	Building area	Square metre	2.5
	Retail units	Building area	Square metre	1.5
	Medical, veterinary	Building area	Square metre	1.5
	Mechanical repair	Building area	Square metre	0.6
	Car, boat sales	Building area	Square metre	0.6
	Laundry, dry cleaner	Bespoke calculation required		
	Carwash	Bespoke calculation required		
	Club	Bespoke calculation required		
Industrial	Light factory unit	Building area	Square metre	0.3
	Warehousing	Building area	Square metre	0.4
	Transport, bus depot	Building area	Square metre	0.4
	Heavy process	Bespoke calculation required		
	Chemical manufacturing	Bespoke calculation required		
	Printing manufacturing	Bespoke calculation required		
	Beverage manufacturing	Bespoke calculation required		
Special use	University	Number of students	Each student	12
	School	Number of students	Each student	12
	Hospital	Number of beds	Each bed	300
	Religious assemblies	Building area	Square metre	1.0
	Government depot	Building area	Square metre	0.4
	Community centre, library	Building area	Square metre	0.8
	Services: police, ambulance, etc.	Building area	Square metre	0.75
	Sports fields with amenities	Bespoke calculation required		
	Parks and reserves	Bespoke calculation required		

2. Key metric definitions

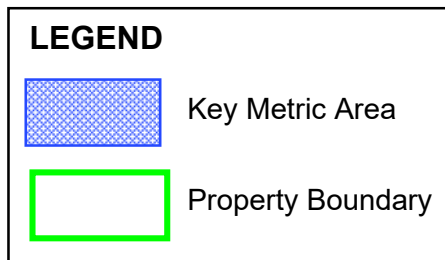| Development subtype	Key metric	Unit	Description
Aged care (full care)[i]	Number of beds	Each bed	Number of beds in the full complex
Hospital			
Aged care (self care)[ii]	Building area	Metres squared	Building footprint[iii] multiplied by each building's number of storeys
Childcare			
Office			
Shopping centre			
Laundry, dry cleaner			
Café, fast food, butcher, deli			
Retail units			
Medical, veterinary			
Mechanical repair			
Car, boat sales			
Club			
Light factory unit			
Warehousing			
Religious assemblies			
Community centre, library			
Services: police ambulance, etc.			
Hotel, motel, serviced apartments	Number of rooms	Each room	Number of rooms in the hotel complex
Transport, bus depot	Building area	Metres squared	Building footprint[iii] on the depot site, multiplied by each building's number of storeys
Government depot			
University	Number of students	Each student	Number of students enrolled in the facility
School			

Definition notes

No.	Term	Definition	Source
i	Aged accommodation - full care	Aged care facilities that provide full caring services (e.g. meals, medical, nursing, laundry, cleaning, daily activities etc) to residents. This may include facilities such as nursing homes or aged care hostel accommodation.	• Aged Care Act 1997 • State Environmental Planning Policy (SEPP) for seniors housing
ii	Aged accommodation - self care	Aged care facilities that provide some caring services and communal facilities to residents but mostly allow residents to live independently and manage their own day-to-day activities. This may include facilities such as retirement villages.	• Retirement Village Act 1999 No 81 • State Environmental Planning Policy (SEPP) for seniors housing
iii	Building area	Building footprint (the total ground floor area of the building) multiplied by the number of storeys. If floor areas are different on different levels, the footprint for each level need to be added together.	Sydney Water

3. Footprint examples

Shopping centre

Building footprint multiplied by each building's number of storeys.

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Key Metric Area

Property Boundary

Government depot

Building footprint on the depot site, multiplied by each building's number of storeys.

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Key Metric Area

Property Boundary