

## Appendix A Individual utility group tables

- Tables A1 to A18 present a summary of key indicators by utility group for the period 2019–20 to 2023–24.
- Utilities are sorted in descending order based on their percentage changes in value from 2022–23 within each utility size group.

**Table A1 W12 – Average annual residential water supplied (kL/property), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
SA Water	190	192	193	177	195	10.5
WC (Perth)	227	227	228	219	242	10.4
Barwon Water	161	159	160	147	162	9.9
TasWater	193	179	178	173	187	7.8
Icon Water	202	176	163	159	169	5.8
Hunter Water	156	151	151	152	159	4.4
Greater Western Water			140	137	143	4.4
Sydney Water	189	186	178	176	181	2.6
Gold Coast	175	167	163	166	170	2.4
South East Water	150	152	147	140	143	2.3
Central Coast	156	159	157	155	157	1.5
Yarra Valley Water	148	149	148	143	144	1.2
Urban Utilities	162	158	140	142	144	1.1
Unitywater	156	155	147	150	151	0.6
Logan	148	139	135	135	134	-0.6
<b>Median</b>	<b>162</b>	<b>159</b>	<b>157</b>	<b>152</b>	<b>159</b>	
<b>Mean</b>	<b>172</b>	<b>168</b>	<b>162</b>	<b>158</b>	<b>165</b>	
<b>Large</b>						
WC (Mandurah)	220	220	223	204	229	12.2
Goulburn Valley Water	261	254	240	217	243	12.0
Townsville	363	342	342	293	327	11.7
P&W (Darwin)	373	360	374	349	389	11.3
Toowoomba	162	150	135	130	140	8.2
North East Water	214	200	179	181	194	7.5
Coliban Water	195	194	192	175	184	5.4
Central Highlands Water (Vic)	151	147	147	142	147	4.1
Shoalhaven	155	155	142	143	142	-0.6
Gippsland Water	161	164	156	156	155	-0.7
Cairns	257	250	255	249	247	-0.9
Redland City	174	184	174	181	179	-1.4
<b>Median</b>	<b>205</b>	<b>197</b>	<b>185</b>	<b>181</b>	<b>189</b>	
<b>Mean</b>	<b>224</b>	<b>218</b>	<b>213</b>	<b>202</b>	<b>215</b>	
<b>Medium</b>						

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Dubbo	207	198	194	190	263	38.4
Bundaberg	261	284	236	188	245	30.8
Riverina Water (W)	338	264	257	248	309	24.5
Albury	246	218	192	195	235	20.3
Fitzroy River Water	383	365	317	279	328	17.5
Lower Murray Water	520	477	461	388	455	17.5
Gladstone	251	253	217	200	226	13.0
Wingecarribee	218	177	168	165	187	13.0
Clarence Valley	115	164	162	159	179	12.6
Tamworth	141	159	178	202	219	8.5
GWMWater	241	224	230	199	215	8.1
MidCoast Council	144	149	131	131	142	7.9
Fraser Coast	191	186	163	162	174	7.6
Wannon Water	141	139	144	131	140	7.3
Port Macquarie Hastings	144	154	152	177	177	-0.3
East Gippsland Water	153	145	126	134	131	-2.2
South Gippsland Water	115	118	115	115	111	-3.4
Queanbeyan	171	184	151	147	142	-3.6
Coffs Harbour	151	140	143	147	142	-3.9
Tweed	177	172	157	162	151	-6.8
Mackay	215	168	196	203	166	-18.1
Eurobodalla	121	117	113	108		
<b>Median</b>	<b>184</b>	<b>174</b>	<b>166</b>	<b>171</b>	<b>179</b>	
<b>Mean</b>	<b>211</b>	<b>202</b>	<b>191</b>	<b>183</b>	<b>206</b>	
<b>Small</b>						
Central Highlands	430	465	396	325	391	20.4
Essential Energy	277	250	236	218	251	15.1
WC (Geraldton)	286	291	288	276	313	13.5
Aqwest-Bunbury (W)	245	236	236	238	270	13.4
Busselton (W)	261	258	264	262	297	13.2
Bega Valley	163	148	135	128	145	13.1
Western Downs	201	193	168	169	190	12.6
Gympie	169	166	155	145	163	12.4
Livingstone	349	328	313	284	317	11.4
WC (Kal–Boulder) (W)	300	279	275	258	286	11.0
WC (Australind/Eaton)	289	283	281	275	304	10.6
Byron	200	199	199	193	212	10.2
Bathurst	144	156	157	168	184	10.0
Armidale	141	141	141	143	154	7.8
Goldenfields Water (W)	288	230	209	232	248	7.1
WC (Albany)	169	164	163	163	174	6.9
Goulburn Mulwaree	153	136	140	132	141	6.8
Whitsunday	304	276	277	257	274	6.5

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Mount Barker				96	102	6.3
Cassowary Coast	220	224	236	233	242	3.7
Westernport Water	89	93	92	88	91	3.5
Kempsey	146	175	125	127	130	2.1
P&W (Alice Springs)	451	432	420	390	397	1.6
Snowy Monaro		125		145	147	1.1
Lismore	127	123	126	115	116	1.0
Orange	163	160	158	148	148	0.0
Southern Downs	100	104	106	116	111	-4.0
Ballina	173	168	161	191	155	-19.1
<b>Median</b>	<b>201</b>	<b>193</b>	<b>183</b>	<b>180</b>	<b>187</b>	
<b>Mean</b>	<b>225</b>	<b>215</b>	<b>210</b>	<b>197</b>	<b>213</b>	

**Table A2 W26 – Total recycled water supplied (ML), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Icon Water	75	27	24	17	31	82.4
Greater Western Water			6,233	5,961	8,549	43.4
SA Water	26,400	28,565	35,291	21,845	29,124	33.3
Logan	789	582	217	100	133	33.0
Unitywater	1,292	772	200	497	637	28.2
Central Coast	825	631	550	584	732	25.3
Hunter Water	4,651	3,206	3,132	3,215	3,668	14.1
South East Water	6,825	6,803	7,310	7,159	8,009	11.9
Gold Coast	7,306	7,466	6,146	7,036	7,360	4.6
Sydney Water	46,919	37,669	37,693	41,198	40,361	-2.0
WC (Perth)	20,681	22,579	21,759	23,337	22,660	-2.9
Urban Utilities	4,532	3,909	3,315	3,745	3,595	-4.0
Yarra Valley Water	2,427	2,851	3,069	3,097	2,925	-5.6
Barwon Water	4,683	3,951	3,642	3,145	2,734	-13.1
<b>Median</b>	<b>4,651</b>	<b>3,909</b>	<b>3,478</b>	<b>3,480</b>	<b>3,632</b>	
<b>Mean</b>	<b>9,800</b>	<b>9,155</b>	<b>9,184</b>	<b>8,638</b>	<b>9,323</b>	
<b>Large</b>						
Goulburn Valley Water	307	270	2,334	3,899	6,157	57.9
Toowoomba	2,105	1,809	713	840	1,296	54.3
Coliban Water	1,411	1,093	352	260	350	34.6
Shoalhaven	2,218	1,642	1,135	1,580	2,003	26.8
WC (Mandurah)	220	244	253	234	292	24.8
Central Highlands Water (Vic)	1,628	1,934	1,946	1,645	2,010	22.2
Cairns	533	1,731	1,847	1,982	2,184	10.2
Gippsland Water	1,969	2,128	2,043	2,137	2,232	4.4
Townsville	1,383	1,358	1,517	1,285	1,155	-10.1
North East Water	8,093	8,443	10,628	11,898	10,626	-10.7
Redland City	121	100	96	143	117	-18.2
P&W (Darwin)	0	0	0	0	0	
<b>Median</b>	<b>1,397</b>	<b>1,500</b>	<b>1,326</b>	<b>1,432</b>	<b>1,649</b>	
<b>Mean</b>	<b>1,666</b>	<b>1,729</b>	<b>1,905</b>	<b>2,159</b>	<b>2,368</b>	
<b>Medium</b>						
Wingecarribee	171	86	102	10	88	778.0
Mackay	4,034	446	446	446	3,656	719.7
Bundaberg	585	531	447	353	957	171.1
South Gippsland Water	122	194	189	116	245	111.2
Tamworth	3,622	1,818	2,188	2,414	3,648	51.1
MidCoast Council	1,398	685	593	659	903	37.1
Dubbo	2,159	1,483	1,732	1,329	1,630	22.7
Wannon Water	1,725	1,454	1,858	1,714	2,070	20.8
Coffs Harbour	1,281	774	474	608	666	9.6

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Tweed	874	777	532	618	643	4.0
Fitzroy River Water	735	748	760	818	849	3.8
East Gippsland Water	1,072	1,346	1,521	1,372	1,370	-0.1
Clarence Valley	386	332	216	310	306	-1.4
Wagga Wagga (S)	4,819	5,188	5,458	5,583	5,213	-6.6
Lower Murray Water	408	477	584	391	359	-8.2
Gladstone	2,494	3,812	3,603	3,845	3,322	-13.6
Albury	3,297	5,173	5,302	6,492	5,418	-16.5
GWMWater	0	2,698	2,084	4,344	3,592	-17.3
Fraser Coast	6,918	4,880	4,595	4,999	4,088	-18.2
Port Macquarie Hastings	610	384	291	343	277	-19.2
Queanbeyan	70	375	268	525	413	-21.4
Eurobodalla	433	190	111	71		
<b>Median</b>	<b>874</b>	<b>761</b>	<b>584</b>	<b>618</b>	<b>930</b>	
<b>Mean</b>	<b>1,618</b>	<b>1,539</b>	<b>1,450</b>	<b>1,624</b>	<b>1,805</b>	
<b>Small</b>						
Armidale	846	484	361	214	840	292.5
Lismore	17	21	332	7	21	195.7
Mount Barker			275	179	300	67.6
Kempsey	149	75	51	42	69	64.1
WC (Busselton) (S)	254	272	273	251	327	30.3
Orange	2,723	2,677	1,027	101	127	25.3
Byron	516	493	302	177	220	24.5
Whitsunday	317	386	365	314	366	16.6
Snowy Monaro		87	66	62	70	12.9
WC (Bunbury) (S)	127	115	118	95	104	9.5
WC (Geraldton)	210	224	216	245	268	9.4
Bega Valley	762	407	213	381	410	7.6
Essential Energy	617	499	444	377	402	6.6
P&W (Alice Springs)	927	1,019	1,148	1,107	1,178	6.4
Western Downs	1,105	754	695	669	711	6.3
Central Highlands	1,939	1,817	1,797	1,651	1,693	2.5
WC (Australind/Eaton)	721	740	742	775	785	1.3
Livingstone	1,047	836	852	730	739	1.2
WC (Albany)	2,085	2,357	2,351	2,298	2,290	-0.3
Gympie	97	93	68	88	83	-5.7
Kal-Boulder (S)	1,126	1,378	1,379	1,317	1,137	-13.7
Goulburn Mulwaree	237	338	260	264	225	-14.8
Westernport Water	76	83	106	119	90	-24.4
Southern Downs	894	863	2,013	1,831	1,365	-25.5
Ballina	688	748	573	960	393	-59.1
Bathurst	762	788	761	598	239	-60.1
<b>Median</b>	<b>688</b>	<b>446</b>	<b>332</b>	<b>248</b>	<b>284</b>	



<b>Utility</b>	<b>2019–20</b>	<b>2020–21</b>	<b>2021–22</b>	<b>2022–23</b>	<b>2023–24</b>	<b>Change from 2022–23 (%)</b>
<b>Mean</b>	<b>730</b>	<b>627</b>	<b>579</b>	<b>495</b>	<b>482</b>	

**Table A3 P8 – Typical annual bill (\$), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Central Coast	1,228	1,052	1,029	1,001	1,235	23.4
SA Water	1,515	1,257	1,222	1,123	1,185	5.5
Hunter Water	1,374	1,270	1,235	1,220	1,276	4.6
Sydney Water	1,329	1,190	1,145	1,115	1,165	4.5
Urban Utilities	1,643	1,646	1,528	1,481	1,526	3.0
Icon Water	1,385	1,281	1,215	1,110	1,133	2.1
Greater Western Water			1,036	987	1,007	2.0
WC (Perth)	1,901	1,861	1,807	1,709	1,743	2.0
Barwon Water	1,222	1,202	1,147	1,087	1,106	1.7
Unitywater	1,766	1,752	1,663	1,563	1,589	1.7
Gold Coast	1,978	1,919	1,852	1,782	1,797	0.8
TasWater	1,429	1,387	1,374	1,323	1,330	0.5
Logan	1,896	1,849	1,752	1,647	1,642	-0.3
South East Water	1,171	1,183	1,074	999	990	-0.9
Yarra Valley Water	1,251	1,235	1,144	1,077	1,031	-4.3
<b>Median</b>	<b>1,407</b>	<b>1,276</b>	<b>1,222</b>	<b>1,123</b>	<b>1,235</b>	
<b>Mean</b>	<b>1,506</b>	<b>1,435</b>	<b>1,348</b>	<b>1,282</b>	<b>1,317</b>	
<b>Large</b>						
North East Water	1,113	1,066	967	951	1,023	7.6
Goulburn Valley Water	1,076	1,043	949	876	937	7.0
Coliban Water	1,595	1,564	1,477	1,380	1,432	3.8
WC (Mandurah)	2,081	2,037	2,002	1,875	1,929	2.9
P&W (Darwin)	2,198	2,133	2,121	1,982	2,036	2.7
Central Highlands Water (Vic)	1,457	1,418	1,331	1,264	1,291	2.1
Cairns	1,622	1,628	1,654	1,578	1,601	1.5
Shoalhaven	1,457	1,434	1,335	1,321	1,330	0.7
Gippsland Water	1,566	1,550	1,502	1,402	1,394	-0.6
Townsville	1,882	1,898	1,863	1,777	1,764	-0.7
Redland City	1,808	1,957	1,905	1,878	1,863	-0.8
Toowoomba	1,976	1,899	1,816	1,729	1,683	-2.7
<b>Median</b>	<b>1,608</b>	<b>1,596</b>	<b>1,578</b>	<b>1,490</b>	<b>1,516</b>	
<b>Mean</b>	<b>1,653</b>	<b>1,636</b>	<b>1,577</b>	<b>1,501</b>	<b>1,524</b>	
<b>Medium</b>						
Fitzroy River Water	1,628	1,621	1,522	1,525	1,677	10.0
Gladstone	2,035	2,092	1,966	1,972	2,131	8.1
Fraser Coast	1,845	1,865	1,776	1,738	1,855	6.7
Wingecarribee	1,674	1,603	1,548	1,498	1,591	6.2
Dubbo	1,748	1,741	1,699	1,616	1,707	5.6
South Gippsland Water	1,185	1,237	1,200	1,188	1,249	5.1
Clarence Valley	1,834	1,978	1,968	1,848	1,912	3.5
Lower Murray Water	1,196	1,144	1,092	1,061	1,096	3.3

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
East Gippsland Water	1,406	1,390	1,337	1,302	1,330	2.2
Wannon Water	1,314	1,281	1,218	1,149	1,173	2.1
Bundaberg	1,766	1,771	1,662	1,558	1,588	1.9
Albury	1,443	1,351	1,248	1,183	1,203	1.7
Tamworth	1,589	1,638	1,635	1,584	1,598	0.9
Mackay	1,802	1,794	1,723	1,527	1,533	0.4
Tweed	1,890	1,842	1,740	1,677	1,674	-0.2
Coffs Harbour	1,811	1,766	1,757	1,703	1,692	-0.6
Queanbeyan	1,707	1,950	1,763	1,687	1,672	-0.9
MidCoast Council	2,180	2,170	2,009	1,922	1,904	-0.9
GWMWater	1,618	1,568	1,471	1,377	1,339	-2.8
Port Macquarie Hastings	1,804	1,858	1,835	1,886	1,813	-3.9
Eurobodalla	2,061	2,062	1,996	1,913		
<b>Median</b>	<b>1,748</b>	<b>1,766</b>	<b>1,699</b>	<b>1,584</b>	<b>1,635</b>	
<b>Mean</b>	<b>1,692</b>	<b>1,701</b>	<b>1,627</b>	<b>1,567</b>	<b>1,587</b>	
<b>Small</b>						
Orange	1,410	1,412	1,372	1,283	1,548	20.7
Livingstone	2,040	2,042	2,076	1,977	2,200	11.3
Central Highlands	2,333	2,476	2,320	2,117	2,354	11.2
Kempsey	2,269	2,368	2,242	2,205	2,346	6.4
Essential Energy	1,616	1,566	1,487	1,443	1,533	6.2
Byron	2,195	2,334	2,302	2,223	2,354	5.9
Bega Valley	2,302	2,274	2,173	2,095	2,209	5.4
Bathurst	1,312	1,378	1,371	1,353	1,426	5.4
Gympie	1,477	1,514	1,452	1,392	1,460	4.9
Mount Barker			1,087	1,061	1,101	3.8
WC (Geraldton)	2,334	2,304	2,250	2,138	2,218	3.7
Westernport Water	1,351	1,375	1,323	1,274	1,321	3.7
Cassowary Coast	1,930	1,931	1,907	1,847	1,909	3.4
WC (Australind/Eaton)	2,279	2,212	2,151	2,048	2,099	2.5
Southern Downs	1,773	1,698	1,782	1,764	1,805	2.3
Armidale	1,250	1,517	1,540	1,497	1,525	1.9
Western Downs	1,688	1,681	1,575	1,548	1,573	1.6
Lismore	2,086	2,057	2,032	1,914	1,922	0.4
Snowy Monaro		1,822		1,775	1,774	-0.1
WC (Albany)	2,109	2,055	2,004	1,921	1,919	-0.1
Whitsunday	1,983	2,097	2,001	1,996	1,986	-0.5
P&W (Alice Springs)	2,381	2,298	2,224	2,095	2,053	-2.0
Goulburn Mulwaree	1,619	1,587	1,532	1,502	1,453	-3.3
Ballina	1,862	1,895	1,829	1,789	1,708	-4.5
<b>Median</b>	<b>1,956</b>	<b>1,931</b>	<b>1,907</b>	<b>1,818</b>	<b>1,857</b>	
<b>Mean</b>	<b>1,891</b>	<b>1,908</b>	<b>1,827</b>	<b>1,761</b>	<b>1,825</b>	



**Table A4 P7 – Annual bill based on 200 kL (\$), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Central Coast	1,393	1,152	1,131	1,184	1,426	20.4
Icon Water	1,372	1,350	1,318	1,207	1,249	3.5
Sydney Water	1,358	1,228	1,199	1,183	1,223	3.4
Hunter Water	1,497	1,411	1,373	1,353	1,395	3.1
Greater Western Water			1,240	1,180	1,203	1.9
Barwon Water	1,316	1,306	1,247	1,214	1,236	1.8
Unitywater	2,074	2,075	2,004	1,887	1,913	1.4
SA Water	1,554	1,284	1,244	1,194	1,200	0.5
Urban Utilities	1,816	1,840	1,801	1,728	1,736	0.5
Gold Coast	2,081	2,072	2,034	1,939	1,937	-0.1
South East Water	1,402	1,326	1,291	1,207	1,201	-0.5
TasWater	1,437	1,414	1,401	1,355	1,345	-0.7
WC (Perth)	1,823	1,785	1,730	1,658	1,634	-1.4
Logan	2,146	2,143	2,080	1,958	1,923	-1.8
Yarra Valley Water	1,488	1,461	1,353	1,274	1,251	-1.8
<b>Median</b>	<b>1,492</b>	<b>1,412</b>	<b>1,353</b>	<b>1,274</b>	<b>1,345</b>	
<b>Mean</b>	<b>1,626</b>	<b>1,560</b>	<b>1,496</b>	<b>1,435</b>	<b>1,458</b>	
<b>Large</b>						
Goulburn Valley Water	991	962	899	838	885	5.6
North East Water	1,071	1,068	1,025	1,001	1,040	3.9
Coliban Water	1,610	1,583	1,498	1,444	1,496	3.6
Cairns	1,558	1,549	1,558	1,503	1,528	1.7
Central Highlands Water (Vic)	1,580	1,552	1,460	1,403	1,419	1.1
Shoalhaven	1,550	1,525	1,494	1,432	1,444	0.8
Toowoomba	2,032	2,062	2,019	1,956	1,955	-0.1
Redland City	1,971	2,028	2,016	1,954	1,947	-0.4
Gippsland Water	1,662	1,640	1,610	1,504	1,498	-0.4
WC (Mandurah)	2,024	1,980	1,938	1,863	1,853	-0.5
Townsville	1,882	1,898	1,863	1,777	1,764	-0.7
P&W (Darwin)	1,797	1,768	1,732	1,661	1,637	-1.4
<b>Median</b>	<b>1,636</b>	<b>1,612</b>	<b>1,584</b>	<b>1,504</b>	<b>1,513</b>	
<b>Mean</b>	<b>1,644</b>	<b>1,635</b>	<b>1,593</b>	<b>1,528</b>	<b>1,539</b>	
<b>Medium</b>						
Gladstone	1,901	1,941	1,912	1,932	2,034	5.3
South Gippsland Water	1,359	1,421	1,393	1,381	1,453	5.2
Fraser Coast	1,913	1,894	1,876	1,819	1,910	5.0
Fitzroy River Water	1,410	1,428	1,414	1,455	1,519	4.4
Lower Murray Water	930	921	878	852	881	3.4
East Gippsland Water	1,544	1,531	1,473	1,435	1,480	3.1
Wingecarribee	1,636	1,651	1,614	1,575	1,619	2.8
Wannon Water	1,445	1,413	1,342	1,272	1,301	2.3

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Clarence Valley	2,086	2,084	2,078	1,963	1,971	0.4
Queanbeyan	2,751	2,308	2,250	2,175	2,183	0.4
Coffs Harbour	1,988	1,988	1,963	1,891	1,891	0.0
Tamworth	1,699	1,715	1,675	1,578	1,564	-0.9
Mackay	1,786	1,785	1,752	1,637	1,619	-1.1
Bundaberg	1,714	1,709	1,682	1,615	1,593	-1.4
MidCoast Council	2,418	2,422	2,325	2,239	2,185	-2.4
Albury	1,342	1,321	1,265	1,186	1,143	-3.6
Port Macquarie Hastings	2,006	2,034	2,024	1,980	1,900	-4.0
GWMWater	1,548	1,524	1,430	1,389	1,326	-4.5
Dubbo	1,731	1,746	1,713	1,639	1,564	-4.6
Tweed		3,537	3,441	3,298	2,460	-25.4
Eurobodalla	2,403	2,423	2,364	2,272		
<b>Median</b>	<b>1,722</b>	<b>1,746</b>	<b>1,713</b>	<b>1,637</b>	<b>1,606</b>	
<b>Mean</b>	<b>1,780</b>	<b>1,847</b>	<b>1,803</b>	<b>1,742</b>	<b>1,680</b>	
<b>Small</b>						
Orange	1,516	1,527	1,491	1,433	1,959	36.7
Livingstone	1,961	1,930	2,047	1,816	1,956	7.7
Kempsey	2,437	2,447	2,487	2,425	2,569	5.9
Mount Barker			1,087	1,061	1,101	3.8
Byron	2,311	2,338	2,305	2,229	2,313	3.8
Westernport Water	1,656	1,641	1,567	1,525	1,579	3.5
Central Highlands	1,832	1,838	1,857	1,875	1,941	3.5
Bega Valley	2,436	2,460	2,402	2,328	2,403	3.2
Cassowary Coast	1,909	1,906	1,867	1,811	1,863	2.9
Essential Energy	1,450	1,458	1,411	1,387	1,424	2.7
Gympie	1,507	1,540	1,512	1,473	1,509	2.4
Bathurst	1,460	1,498	1,488	1,447	1,471	1.7
Southern Downs	2,021	2,022	2,031	1,992	2,018	1.3
Lismore	2,434	2,424	2,397	2,318	2,323	0.2
Snowy Monaro		2,115	2,065	1,985	1,982	-0.2
Whitsunday	1,880	1,916	1,907	1,859	1,856	-0.2
Ballina	1,938	1,987	1,939	1,839	1,831	-0.4
Armidale	1,509	1,823	1,840	1,745	1,731	-0.8
WC (Geraldton)	2,086	2,049	2,006	1,937	1,917	-1.0
WC (Australind/Eaton)	2,022	1,980	1,928	1,850	1,827	-1.2
P&W (Alice Springs)	1,797	1,768	1,732	1,661	1,637	-1.4
WC (Albany)	2,198	2,157	2,107	2,018	1,986	-1.6
Goulburn Mulwaree	1,777	1,802	1,725	1,706	1,637	-4.0
Western Downs	1,656	1,672	1,604	1,606	1,477	-8.0
<b>Median</b>	<b>1,894</b>	<b>1,916</b>	<b>1,887</b>	<b>1,828</b>	<b>1,860</b>	
<b>Mean</b>	<b>1,900</b>	<b>1,926</b>	<b>1,867</b>	<b>1,805</b>	<b>1,846</b>	

**Table A5 F16 – Total capital expenditure: water and wastewater (\$000s), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
WC (Perth)	471,994	432,595	385,360	417,631	649,634	55.6
Unitywater	152,823	158,520	181,037	258,706	365,042	41.1
TasWater	151,814	191,737	245,034	180,809	250,243	38.4
South East Water	307,953	277,945	204,508	232,517	295,924	27.3
Central Coast	4,428	0	40,956	69,195	84,692	22.4
Sydney Water	1,063,003	1,074,092	1,356,666	1,745,595	2,119,910	21.4
Barwon Water	91,667	76,701	59,305	114,185	135,950	19.1
SA Water	668,682	558,456	516,860	588,994	679,824	15.4
Yarra Valley Water	396,872	387,737	314,508	320,951	368,805	14.9
Hunter Water	176,673	171,409	149,917	177,699	196,151	10.4
Logan	158,661	100,832	120,444	120,423	130,238	8.2
Greater Western Water			279,007	327,563	346,756	5.9
Gold Coast	132,519	162,419	180,479	118,632	121,039	2.0
Urban Utilities	365,160	384,834	315,698	377,631	362,521	-4.0
Icon Water	120,935	101,614	74,606	75,450	70,564	-6.5
<b>Median</b>	<b>167,667</b>	<b>181,573</b>	<b>204,508</b>	<b>232,517</b>	<b>295,924</b>	
<b>Mean</b>	<b>304,513</b>	<b>291,349</b>	<b>294,959</b>	<b>341,732</b>	<b>411,820</b>	
<b>Large</b>						
Redland City	4,364	11,389	3,872	6,970	12,438	78.5
P&W (Darwin)	24,231	23,959	27,941	38,063	67,251	76.7
Central Highlands Water (Vic)	22,074	24,118	22,917	29,755	48,065	61.5
Cairns	54,212	51,303	44,652	48,035	69,770	45.2
WC (Mandurah)	19,334	19,754	13,886	26,177	37,137	41.9
North East Water	28,380	29,686	35,208	29,425	38,640	31.3
Coliban Water	32,198	36,227	49,072	65,651	83,623	27.4
Goulburn Valley Water	44,993	44,380	42,491	28,568	31,379	9.8
Toowoomba	31,949	57,761	45,084	60,483	64,838	7.2
Gippsland Water	53,594	65,686	42,648	45,955	41,031	-10.7
Shoalhaven	28,667	29,056	29,764	51,449	41,223	-19.9
Townsville	70,564	59,125	97,746	133,671	64,804	-51.5
<b>Median</b>	<b>30,308</b>	<b>32,956</b>	<b>38,850</b>	<b>42,009</b>	<b>44,644</b>	
<b>Mean</b>	<b>34,547</b>	<b>37,704</b>	<b>37,940</b>	<b>47,017</b>	<b>50,017</b>	
<b>Medium</b>						
Queanbeyan	15,560	5,152	511	3,356	16,780	400.0
Wingecarribee	19,282	21,860	22,076	10,404	32,799	215.3
Coffs Harbour	7,319	3,622	3,400	3,713	9,139	146.1
MidCoast Council	6,145	18,980	29,463	29,141	42,640	46.3
Wannon Water	33,662	21,258	14,510	37,474	50,674	35.2
Bundaberg	20,256	26,722	15,306	15,985	21,271	33.1

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Fitzroy River Water	12,816	14,767	22,607	47,299	61,873	30.8
Eurobodalla	16,319	26,999	29,122	64,367	84,100	30.7
GMMWater	16,584	13,753	13,587	18,473	22,649	22.6
South Gippsland Water	25,448	24,040	17,316	20,328	24,726	21.6
Tweed	14,498	18,244	14,591	17,486	21,005	20.1
Fraser Coast	24,918	35,350	22,281	16,849	18,943	12.4
Lower Murray Water	11,344	17,065	28,666	17,629	18,168	3.1
Gladstone	16,137	22,336	17,035	11,907	12,194	2.4
Tamworth	25,799	24,562	11,313	19,452	19,245	-1.1
Albury	9,019	7,921	4,778	3,910	3,859	-1.3
East Gippsland Water	20,354	13,396	9,870	17,078	14,830	-13.2
Clarence Valley	8,068			17,987	14,187	-21.1
Mackay	29,415	20,394	24,745	28,206	19,648	-30.3
Port Macquarie Hastings	4,669	21,388	47,744	30,020	15,789	-47.4
Dubbo	0	82	3,568			
<b>Median</b>	<b>16,137</b>	<b>19,687</b>	<b>16,170</b>	<b>17,808</b>	<b>19,446</b>	
<b>Mean</b>	<b>16,077</b>	<b>17,895</b>	<b>17,624</b>	<b>21,553</b>	<b>26,226</b>	
<b>Small</b>						
Ballina	9,518	9,476	10,416	2,430	8,742	259.8
Cassowary Coast	17,561	8,368	10,201	11,519	29,685	157.7
WC (Australind/Eaton)	5,772	9,897	7,254	3,906	8,927	128.5
WC (Geraldton)	22,323	16,713	8,033	8,055	13,979	73.5
WC (Albany)	10,866	14,196	11,925	5,817	9,449	62.4
Whitsunday	30,409	13,883	8,012	4,332	6,778	56.5
Westernport Water	7,901	11,002	9,444	4,665	6,973	49.5
Central Highlands	4,974	11,382	13,726	14,335	17,019	18.7
Bathurst	13,440	9,304	6,425	13,678	13,906	1.7
Gympie	6,055	5,467	5,538	5,204	5,274	1.3
P&W (Alice Springs)	10,302	9,381	9,932	8,841	8,401	-5.0
Kempsey	4,492	9,271	4,633	9,980	8,192	-17.9
Livingstone	6,268	4,124	8,785	10,634	8,530	-19.8
Bega Valley	2,682	9,399		18,319	13,207	-27.9
Western Downs	30,409	6,538	5,041	10,321	6,600	-36.1
Mount Barker			7,286	14,676	8,574	-41.6
Southern Downs	9,361	11,214	8,520	14,092	7,908	-43.9
Armidale	0	4,304	2,390	12,913	5,715	-55.7
Goulburn Mulwaree	8,506	13,279	11,384	9,811	4,210	-57.1
Snowy Monaro		0	19,654	4,865	1,280	-73.7
Byron	3,531	5,726	0		0	
Essential Energy	9,391	11,255			2,471	
Lismore	9,584	9,013			6,500	
Orange	0	750	1,415	2,803		
<b>Median</b>	<b>8,934</b>	<b>9,381</b>	<b>8,033</b>	<b>9,811</b>	<b>8,192</b>	

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Mean	10,152	8,867	8,096	9,105	8,797	

**Table A6 F28 – Capital expenditure: water (\$/property), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Unitywater	159	140	174	256	435	70.1
WC (Perth)	319	280	238	242	400	64.8
Hunter Water	234	130	256	261	411	57.4
Central Coast	9	0	96	147	222	51.2
Icon Water	297	232	88	132	179	35.8
SA Water	616	543	438	437	549	25.6
Logan	208	187	195	159	194	22.0
Yarra Valley Water	190	179	145	147	173	18.0
Barwon Water	292	236	173	317	345	8.8
Urban Utilities	210	201	160	161	167	3.7
South East Water	91	93	87	101	97	-3.7
Greater Western Water			289	354	330	-6.8
Sydney Water	167	194	230	249	219	-12.0
Gold Coast	93	89	145	95	76	-19.7
TasWater	404	569	894	505	337	-33.2
<b>Median</b>	<b>209</b>	<b>191</b>	<b>174</b>	<b>242</b>	<b>222</b>	
<b>Mean</b>	<b>235</b>	<b>220</b>	<b>240</b>	<b>237</b>	<b>276</b>	
<b>Large</b>						
WC (Mandurah)	286	165	156	153	307	100.4
P&W (Darwin)	291	230	346	476	944	98.4
Cairns	335	344	287	355	653	84.1
Central Highlands Water (Vic)	143	115	67	172	280	62.5
Coliban Water	238	233	437	503	599	19.1
Toowoomba	311	683	506	755	870	15.1
North East Water	260	328	248	216	249	15.1
Shoalhaven	198	252	193	419	422	0.6
Goulburn Valley Water	379	379	357	193	191	-1.2
Gippsland Water	300	195	254	340	308	-9.4
Redland City	12	18	15	53	46	-12.6
Townsville	355	447	782	1,097	602	-45.1
<b>Median</b>	<b>289</b>	<b>242</b>	<b>270</b>	<b>348</b>	<b>365</b>	
<b>Mean</b>	<b>259</b>	<b>282</b>	<b>304</b>	<b>394</b>	<b>456</b>	
<b>Medium</b>						
Coffs Harbour	115	45	47	35	144	305.9
Fitzroy River Water	249	231	348	478	1,231	157.7
Gladstone	122	280	269	81	160	98.7
Bundaberg	491	697	317	182	323	77.2
MidCoast Council	53	226	447	387	643	66.1
Tweed	260	328	236	242	352	45.7
Fraser Coast	412	371	209	226	318	40.4
Wingecarribee	476	410	597	147	180	22.5

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
East Gippsland Water	630	449	191	196	236	20.3
Lower Murray Water	182	270	625	311	327	5.1
GMMWater	422	252	292	393	400	1.6
Queanbeyan	90	216	11	109	94	-13.1
Wannon Water	200	214	247	343	290	-15.6
Albury	204	174	138	117	89	-23.8
Tamworth	786	973	273	652	487	-25.3
South Gippsland Water	620	645	424	339	253	-25.4
Clarence Valley	210			641	404	-37.0
Mackay	166	196	361	396	237	-40.3
Port Macquarie Hastings	65	373	823	416	155	-62.8
Dubbo	0	0	85			
Eurobodalla	225	437	334	2,374		
<b>Median</b>	<b>210</b>	<b>275</b>	<b>283</b>	<b>325</b>	<b>290</b>	
<b>Mean</b>	<b>285</b>	<b>339</b>	<b>314</b>	<b>403</b>	<b>333</b>	
<b>Small</b>						
Mount Barker				1,462	6,008	311.0
Ballina	228	144	181	60	210	246.7
Whitsunday	862	763	532	83	266	222.1
WC (Australind/Eaton)	201	561	171	216	594	175.0
Cassowary Coast	893	401	475	570	1,093	91.6
WC (Geraldton)	627	776	321	326	606	85.8
Gympie	222	291	166	81	150	85.6
P&W (Alice Springs)	671	570	645	408	562	37.9
WC (Albany)	261	614	478	231	286	23.8
Central Highlands	258	691	768	969	1,073	10.7
Westernport Water	236	325	219	163	179	9.9
Goulburn Mulwaree	365	511	307	208	189	-8.9
Bathurst	631	436	282	707	497	-29.7
Southern Downs	554	518	366	713	485	-32.0
Western Downs	862	288	264	639	433	-32.2
Kempsey	178	277	212	414	277	-32.9
Bega Valley	63	410	733	918	604	-34.2
Livingstone	126	108	179	520	271	-47.8
Armidale	0	0	202	1,172	326	-72.2
Snowy Monaro		0	231	305	78	-74.4
Byron	166	130	0		0	
Essential Energy	782	889			202	
Lismore	348	310			263	
Orange	0	41	36	0		
<b>Median</b>	<b>260</b>	<b>401</b>	<b>264</b>	<b>408</b>	<b>286</b>	
<b>Mean</b>	<b>388</b>	<b>394</b>	<b>322</b>	<b>484</b>	<b>637</b>	

**Table A7 F29 – Capital expenditure: wastewater (\$/property), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
TasWater	357	369	261	358	897	150.7
South East Water	308	262	169	186	264	41.5
WC (Perth)	239	224	208	236	332	40.6
Sydney Water	360	330	424	585	784	34.1
Barwon Water	288	234	183	354	442	24.6
Greater Western Water			181	181	223	22.9
Unitywater	328	358	387	536	657	22.5
Central Coast	25	0	211	363	398	9.9
Yarra Valley Water	303	293	232	233	256	9.8
Gold Coast	425	538	544	353	377	6.8
Logan	1,187	665	801	802	808	0.7
SA Water	279	174	243	345	332	-3.8
Urban Utilities	378	406	330	427	385	-9.9
Hunter Water	471	549	320	416	325	-22.0
Icon Water	355	298	292	247	167	-32.1
<b>Median</b>	<b>342</b>	<b>314</b>	<b>261</b>	<b>354</b>	<b>377</b>	
<b>Mean</b>	<b>379</b>	<b>336</b>	<b>319</b>	<b>375</b>	<b>443</b>	
<b>Large</b>						
Redland City	65	188	53	64	167	162.6
Central Highlands Water (Vic)	189	243	269	239	371	55.0
North East Water	307	245	434	345	484	40.5
Coliban Water	194	247	193	339	465	37.5
Goulburn Valley Water	416	391	368	293	340	15.8
WC (Mandurah)	117	262	131	405	450	11.1
P&W (Darwin)	112	171	120	156	158	1.6
Cairns	395	346	310	281	262	-6.8
Gippsland Water	496	775	352	297	249	-16.1
Toowoomba	229	226	224	197	131	-33.4
Shoalhaven	444	382	419	680	438	-35.7
Townsville	533	264	379	473	145	-69.4
<b>Median</b>	<b>268</b>	<b>255</b>	<b>290</b>	<b>295</b>	<b>301</b>	
<b>Mean</b>	<b>291</b>	<b>312</b>	<b>271</b>	<b>314</b>	<b>305</b>	
<b>Medium</b>						
Queanbeyan	521	10	11	19	575	2883.1
Wingecarribee	578	799	567	435	1709	293.4
Tamworth	380	96	240	151	354	134.4
Wannon Water	668	314	93	573	967	68.8
GWMWater	117	212	158	216	364	68.0
Coffs Harbour	170	93	85	129	203	56.9
South Gippsland Water	673	545	419	655	960	46.7
Albury	166	150	52	45	62	38.2



Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
MidCoast Council	120	273	300	355	409	15.2
Clarence Valley	152			180	198	10.0
Bundaberg	155	136	186	393	407	3.8
Lower Murray Water	171	254	218	216	212	-2.0
Gladstone	541	629	412	403	327	-19.0
Tweed	189	231	209	267	214	-19.6
Fraser Coast	264	599	394	208	147	-29.3
East Gippsland Water	245	108	242	571	403	-29.4
Fitzroy River Water	155	235	363	1024	669	-34.7
Port Macquarie Hastings	89	302	687	542	344	-36.5
Mackay	515	258	199	274	116	-57.7
Dubbo	0	5	91			
Eurobodalla	646	984	1229	836		
<b>Median</b>	<b>189</b>	<b>244</b>	<b>229</b>	<b>315</b>	<b>354</b>	
<b>Mean</b>	<b>310</b>	<b>312</b>	<b>308</b>	<b>375</b>	<b>455</b>	
<b>Small</b>						
Armidale	0	0	23	36	211	478.7
Ballina	419	503	515	72	349	384.7
Bathurst	160	106	89	63	293	369.2
Cassowary Coast	936	420	615	610	2,312	279.1
WC (Albany)	503	281	280	136	331	143.2
Westernport Water	242	324	328	99	211	112.3
Central Highlands	170	299	437	245	389	58.8
Livingstone	433	249	587	315	413	31.1
WC (Geraldton)	827	121	133	125	148	18.4
Kempsey	226	582	174	512	473	-7.4
Whitsunday	1,534	239	24	250	225	-10.3
Bega Valley	155	313	625	433	360	-17.0
Gympie	236	104	247	315	231	-26.7
WC (Australind/Eaton)	309	237	481	83	51	-38.5
Western Downs	1,534	369	234	346	177	-49.0
Mount Barker			519	1005	463	-53.9
Southern Downs	299	583	467	628	247	-60.6
P&W (Alice Springs)	171	201	152	322	98	-69.6
Goulburn Mulwaree	372	626	669	646	158	-75.5
Snowy Monaro		0	2,082	247	56	-77.1
Byron	179	422	0		0	
Essential Energy	130	212			38	
Lismore	361	356			192	
Orange	0	0	45	166		
<b>Median</b>	<b>271</b>	<b>281</b>	<b>304</b>	<b>250</b>	<b>225</b>	
<b>Mean</b>	<b>418</b>	<b>285</b>	<b>397</b>	<b>317</b>	<b>323</b>	

**Table A8 F8 – Revenue from community service obligations (ratio), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Central Coast	0.0132		0.0150	0.0100	0.0105	5.0
Icon Water	0.0176	0.0251	0.0205	0.0162	0.0165	1.9
TasWater	0.0578	0.0245	0.0229	0.0221	0.0220	-0.5
WC (Perth)	0.0590	0.0630	0.0677	0.0623	0.0619	-0.6
Sydney Water	0.0511	0.0481	0.0487	0.0465	0.0456	-1.9
SA Water	0.1190	0.1103	0.1104	0.1070	0.1038	-3.0
Hunter Water	0.0522	0.0499	0.0473	0.0467	0.0447	-4.3
South East Water	0.0439	0.0488	0.0479	0.0488	0.0464	-4.9
Yarra Valley Water	0.0487	0.0539	0.0536	0.0504	0.0473	-6.2
Barwon Water	0.0435	0.0455	0.0425	0.0446	0.0405	-9.2
Unitywater	0.0080	0.0080	0.0077	0.0078	0.0068	-12.8
Greater Western Water			0.0346	0.0242	0.0206	-14.9
Gold Coast	0	0.0040	0.0043	0.0035	0	-100.0
Logan	0	0	0	0	0	
Urban Utilities	0	0	0	0	0	
<b>Median</b>	<b>0.0437</b>	<b>0.0455</b>	<b>0.0346</b>	<b>0.0242</b>	<b>0.0220</b>	
<b>Mean</b>	<b>0.0367</b>	<b>0.0370</b>	<b>0.0349</b>	<b>0.0327</b>	<b>0.0311</b>	
<b>Large</b>						
Redland City	0.0040	0.0030	0.0036	0.0036	0.0128	255.6
Toowoomba	0.0120	0.0080	0.0086	0.0111	0.0123	10.8
Cairns	0.0250	0.0220	0.0174	0.0062	0.0063	1.6
Central Highlands Water (Vic)	0.0513	0.0536	0.0473	0.0463	0.0470	1.5
P&W (Darwin)	0.0206	0.0346	0.0206	0.0189	0.0187	-1.1
Gippsland Water	0.0475	0.0427	0.0446	0.0440	0.0432	-1.8
North East Water	0.0630	0.0626	0.0639	0.0578	0.0559	-3.3
Townsville	0.0150	0.0160	0.0151	0.0148	0.0142	-4.1
Coliban Water	0.0413	0.0456	0.0449	0.0426	0.0400	-6.1
Shoalhaven	0.0120	0.0110	0.0110	0.0105	0.0092	-12.4
Goulburn Valley Water	0.0540	0.0601	0.0597	0.0528	0.0402	-23.9
WC (Mandurah)	-0.2344	-0.1405	-0.1341	-0.0787	-0.0504	-36.0
<b>Median</b>	<b>0.0228</b>	<b>0.0283</b>	<b>0.0190</b>	<b>0.0169</b>	<b>0.0164</b>	
<b>Mean</b>	<b>0.0093</b>	<b>0.0182</b>	<b>0.0169</b>	<b>0.0192</b>	<b>0.0208</b>	
<b>Medium</b>						
Eurobodalla	0.0090	0.0090	0.0094	0.0074	0.0217	193.2
Bundaberg	0.0310	0.0370	0.0177	0.0087	0.0179	105.7
Gladstone	0.0090	0.0100	0.0088	0.0069	0.0095	37.7
Tamworth	0.0090	0.0080	0.0070	0.0058	0.0068	17.2
Mackay	0.0020	0.0020	0.0020	0.0020	0.0021	5.0
South Gippsland Water	0.0575	0.0514	0.0534	0.0523	0.0548	4.8
Port Macquarie Hastings	0.0110	0.0100	0.0084	0.0083	0.0083	0.0

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
GWMWater	0.0678	0.0721	0.0673	0.0681	0.0645	-5.3
Coffs Harbour	0.0040	0.0040	0.0040	0.0074	0.0070	-5.4
Lower Murray Water	0.0591	0.0481	0.0490	0.0451	0.0424	-6.0
Clarence Valley	0.0100			0.0080	0.0074	-7.5
Wannon Water	0.0474	0.0522	0.0508	0.0528	0.0486	-8.0
Fitzroy River Water	0.0110	0.0110	0.0080	0.0116	0.0096	-17.2
East Gippsland Water	0.0630	0.0639	0.0666	0.0679	0.0561	-17.4
Tweed	0.0110	0.0100	0.0100	0.0104	0.0082	-21.2
MidCoast Council	0.0110	0.0110	0.0101	0.0101	0.0078	-22.8
Wingecarribee	0.0080	0.0080	0.0080	0.0110	0.0074	-32.7
Albury	0.0080		0.0088	0.0184	0.0108	-41.3
Fraser Coast	0.0070	0.0070	0.0071	0.0113	0.0052	-54.0
Queanbeyan	0.0040	0.0040	0.0026	0.0027	0	-100.0
Dubbo	0.0050	0.0050		0.0050		
<b>Median</b>	<b>0.0100</b>	<b>0.0100</b>	<b>0.0088</b>	<b>0.0101</b>	<b>0.0089</b>	
<b>Mean</b>	<b>0.0212</b>	<b>0.0223</b>	<b>0.0210</b>	<b>0.0201</b>	<b>0.0198</b>	
<b>Small</b>						
Gympie	0.0070	0.0240	0.0153	0.0111	0.0141	27.0
Western Downs	0.0930	0.0530	0.0684	0.0648	0.0793	22.4
Byron	0.0060	0.0050	0.0053	0.0071	0.0075	5.6
Lismore	0.0070	0.0080	0.0106	0.0076	0.0080	5.3
Ballina	0.0090	0.0070	0.0080	0.0077	0.0080	3.9
Westernport Water	0.0337	0.0357	0.0388	0.0382	0.0379	-0.8
P&W (Alice Springs)	0.1309	0.1581	0.1413	0.1401	0.1360	-2.9
Essential Energy	0.0090	0.0170	0.0170	0.0150	0.0145	-3.3
Goulburn Mulwaree	0.0070	0.0060	0.0071	0.0078	0.0068	-12.8
Kempsey	0.0090	0.0090	0.0077	0.0074	0.0064	-13.5
Bathurst	0.0070	0.0070	0.0070	0.0067	0.0054	-19.4
Bega Valley	0.0080	0.0080	0.0090	0.0080	0.0061	-23.7
WC (Geraldton)	-0.9320	-1.0678	-0.4408	-0.8339	-0.4546	-45.5
WC (Australind/Eaton)	-0.0315	-0.0059	-0.0388	0.0668	0.0298	-55.4
WC (Albany)	-0.0842	-0.0533	0.0718	-0.1269	-0.0446	-64.9
Armidale	0.0098	0.0070	0.0063		0.0025	
Cassowary Coast	0.0180	0	0	0	0	
Central Highlands	0	0	0	0	0	
Livingstone	0	0	0	0	0	
Mount Barker			0	0	0	
Orange	0.0090	0.0080	0.0080	0.0042		
Snowy Monaro			0	0	0	
Southern Downs	0	0	0	0	0	
Whitsunday	0.0930	0.0890	0.0498	0	0	
<b>Median</b>	<b>0.0075</b>	<b>0.0070</b>	<b>0.0074</b>	<b>0.0071</b>	<b>0.0061</b>	
<b>Mean</b>	<b>-0.0269</b>	<b>-0.0311</b>	<b>-0.0003</b>	<b>-0.0247</b>	<b>-0.0060</b>	

**Table A9 C15 – Average duration of an unplanned interruption: water (minutes), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Logan		183.6	143.3	143.9	254.0	76.5
SA Water	203.0	194.0	181.0	167.0	255.0	52.7
Unitywater	109.7	120.3	116.5	129.3	171.0	32.3
Greater Western Water			116.6	138.9	148.4	6.8
WC (Perth)	111.0	140.0	141.0	162.0	170.0	4.9
Urban Utilities	119.0	94.0	130.0	114.0	117.0	2.6
Gold Coast	140.7	151.7	158.5	126.3	127.0	0.6
Hunter Water	150.5	155.0	138.0	129.0	129.0	0.0
South East Water	88.2	89.5	87.7	90.1	89.3	-0.9
Yarra Valley Water	105.9	97.5	105.4	105.7	96.0	-9.2
Barwon Water	127.8	112.7	98.8	98.0	88.3	-9.9
Icon Water	136.0	147.0	136.0	131.5	118.1	-10.2
Central Coast	197.0	208.0	203.0	210.0	178.0	-15.2
Sydney Water	187.0	200.0	192.0	231.0	179.0	-22.5
<b>Median</b>	<b>131.9</b>	<b>147.0</b>	<b>137.0</b>	<b>130.4</b>	<b>138.7</b>	
<b>Mean</b>	<b>139.7</b>	<b>145.6</b>	<b>139.1</b>	<b>141.2</b>	<b>151.4</b>	
<b>Large</b>						
Shoalhaven	153.0	74.0	113.0	80.0	153.0	91.3
North East Water	91.2	81.0	71.0	96.0	96.0	0.0
Central Highlands Water (Vic)	121.4	114.0	137.0	117.0	116.0	-0.9
P&W (Darwin)		139.0	102.1	77.0	75.8	-1.6
Goulburn Valley Water	106.3	93.7	117.5	84.2	78.6	-6.7
Townsville	103.1	98.8	800.1	134.5	118.0	-12.3
Gippsland Water	90.8	69.3	108.9	84.9	63.3	-25.4
WC (Mandurah)	64.0	62.0	64.0	114.0	82.0	-28.1
Cairns	76.9	45.0	36.7	61.3	35.9	-41.4
Coliban Water	112.5	141.5	105.0	195.0	109.0	-44.1
Redland City	110.0	135.1	160.0	273.0	130.0	-52.4
Toowoomba					144.5	
<b>Median</b>	<b>104.7</b>	<b>93.7</b>	<b>108.9</b>	<b>96.0</b>	<b>102.5</b>	
<b>Mean</b>	<b>102.9</b>	<b>95.8</b>	<b>165.0</b>	<b>119.7</b>	<b>100.2</b>	
<b>Medium</b>						
Mackay	19.6	23.3	11.9	7.4	30.5	312.2
Queanbeyan	38.0	220.0	76.0	56.6	130.0	129.7
Fitzroy River Water	55.3	33.8	33.9	35.8	75.5	110.9
GWMWater	102.9	83.9	80.0	102.6	134.4	31.0
Tweed	139.0	161.0	275.0	137.0	168.0	22.6
Lower Murray Water	66.6	59.0	52.4	58.8	63.7	8.3
Coffs Harbour	177.0	189.0	167.0	175.0	185.0	5.7
Riverina Water (W)	125.0	164.0	142.0	162.0	163.0	0.6

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Clarence Valley	180.0	180.0	95.0	96.0	96.0	0.0
Dubbo	123.0	125.0	125.0	120.0	120.0	0.0
Port Macquarie Hastings	90.0	90.0	90.0	90.0	90.0	0.0
South Gippsland Water	90.0	80.0	78.7	89.1	85.7	-3.8
Wingecarribee	245.0	185.0	204.0	141.0	135.0	-4.3
Fraser Coast	56.6	125.0	128.4	159.0	152.0	-4.4
East Gippsland Water	169.0	74.0	88.8	103.8	91.2	-12.1
Bundaberg	84.0	70.0	88.0	126.0	104.0	-17.5
Tamworth	86.0	210.0	2,289.0	422.0	253.0	-40.0
Wannon Water	158.0	138.5	150.0	172.0	98.0	-43.0
Gladstone	50.0	39.0	35.0	51.5	24.4	-52.6
Albury	95.0	87.0	213.0	148.0	62.0	-58.1
Eurobodalla	135.0	170.0	214.0	73.0		
<b>Median</b>	<b>95.0</b>	<b>125.0</b>	<b>95.0</b>	<b>103.8</b>	<b>101.0</b>	
<b>Mean</b>	<b>108.8</b>	<b>119.4</b>	<b>220.8</b>	<b>120.3</b>	<b>113.1</b>	
<b>Small</b>						
Busselton (W)	147.5	130.0	37.9	50.8	161.3	217.5
WC (Albany)	173.0	145.0	120.0	108.0	258.0	138.9
Southern Downs	90.0	246.5	247.5	36.8	86.4	134.8
P&W (Alice Springs)				78.0	144.7	85.5
Cassowary Coast	184.0	156.0	191.0	57.0	93.0	63.2
Westernport Water	58.4	71.8	83.9	93.7	139.0	48.3
Gympie	201.0	157.6	105.8	108.8	145.0	33.3
Goldenfields Water (W)		152.0	55.0	180.0	221.0	22.8
Western Downs	23.0	37.0	39.0	39.0	44.2	13.3
Orange	240.0	240.0	123.0	123.0	123.0	0.0
Central Highlands	30.0	30.0	30.0	30.0	30.0	0.0
Snowy Monaro		120.0	120.0	120.0	120.0	0.0
Livingstone	18.3	28.6	19.9	18.8	17.8	-5.3
WC (Australind/Eaton)	85.0	100.0	115.0	109.0	103.0	-5.5
Aqwest-Bunbury (W)	39.0	38.0	35.0	43.0	40.0	-7.0
WC (Geraldton)	89.0	102.0	109.0	99.0	90.0	-9.1
Whitsunday	278.3	235.0	231.0	352.5	303.0	-14.0
Lismore	90.0	120.0	162.0	162.0	121.0	-25.3
WC (Kal–Boulder) (W)	36.0	31.0	56.0	96.0	67.0	-30.2
Bega Valley	163.0	251.0	510.0	456.0	302.0	-33.8
Armidale	98.0	131.0	89.0	166.0	16.0	-90.4
Essential Energy					138.0	
Kempsey	238.0	195.0	104.0	112.0		
<b>Median</b>	<b>90.0</b>	<b>130.0</b>	<b>105.8</b>	<b>103.5</b>	<b>120.5</b>	
<b>Mean</b>	<b>120.1</b>	<b>129.4</b>	<b>123.0</b>	<b>120.0</b>	<b>125.6</b>	

**Table A10 A8 – Water main breaks, bursts and leaks (mains breaks per 100 km), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Barwon Water	25.1	23.2	25.1	23.6	29.2	23.7
WC (Perth)	11.5	10.9	10.2	10.2	12.0	17.6
SA Water	13.5	13.3	13.3	12.7	14.3	12.6
Greater Western Water			18.5	16.8	17.9	6.5
Icon Water	13.6	12.0	10.0	8.4	8.8	4.8
Hunter Water	28.3	20.2	21.0	22.0	22.9	4.1
Urban Utilities	31.1	25.4	18.6	17.8	18.3	2.8
Unitywater	4.9	3.5	4.7	3.9	3.9	0.0
South East Water	31.8	25.2	27.6	28.4	28.2	-0.7
Sydney Water	29.2	20.8	17.2	20.6	20.2	-1.9
Yarra Valley Water	43.8	28.6	31.3	35.4	34.6	-2.3
Logan	6.7	6.0	5.2	3.7	3.5	-5.4
Central Coast	11.6	9.9	14.1	16.3	15.2	-6.7
TasWater	32.6	51.9	43.1	47.2	42.8	-9.3
Gold Coast	10.2	9.5	8.7	7.2	5.9	-18.1
<b>Median</b>	<b>19.4</b>	<b>16.8</b>	<b>17.2</b>	<b>16.8</b>	<b>17.9</b>	
<b>Mean</b>	<b>21.0</b>	<b>18.6</b>	<b>17.9</b>	<b>18.3</b>	<b>18.5</b>	
<b>Large</b>						
Redland City	3.0	3.9	5.9	6.6	8.1	22.7
North East Water	13.7	11.2	12.0	11.1	13.4	20.7
Townsville	27.6	21.8	19.1	17.7	20.7	16.9
Goulburn Valley Water	13.2	13.9	13.7	10.2	11.3	10.8
Coliban Water	26.4	21.5	23.7	23.1	25.0	8.2
Shoalhaven	11.2	6.5	5.8	19.2	20.6	7.3
Gippsland Water	20.5	19.7	18.6	16.5	16.7	1.2
Central Highlands Water (Vic)	19.7	16.8	17.7	16.3	16.2	-0.6
Cairns	20.1	20.6	19.8	25.6	24.5	-4.3
P&W (Darwin)	12.7	14.0	14.1	16.5	13.8	-16.4
WC (Mandurah)	2.3	2.7	2.0	2.9	2.2	-24.1
Toowoomba	9.1	9.1	12.3	14.4	8.3	-42.4
<b>Median</b>	<b>13.4</b>	<b>13.9</b>	<b>13.9</b>	<b>16.4</b>	<b>15.0</b>	
<b>Mean</b>	<b>15.0</b>	<b>13.5</b>	<b>13.7</b>	<b>15.0</b>	<b>15.1</b>	
<b>Medium</b>						
Fitzroy RiverA37:F54 Water	10.8	10.3	7.3	6.1	11.6	90.2
Wannon Water	5.1	7.3	8.0	6.9	12.6	82.6
Lower Murray Water	26.4	19.6	20.5	21.1	26.9	27.5
Albury	3.5	4.3	2.8	2.3	2.9	26.1
East Gippsland Water	15.4	13.4	10.6	11.7	14.2	21.4
Dubbo	5.4	12.9	15.1	12.6	15.0	19.0
MidCoast Council	13.7	15.1	15.2	10.2	11.5	12.7

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Fraser Coast	7.9	5.3	6.6	7.3	7.9	8.2
Coffs Harbour	11.0	9.1	8.2	5.0	5.4	8.0
Clarence Valley	86.1	7.3	3.9	1.4	1.5	7.1
Port Macquarie Hastings	7.9	8.5	1.1	2.8	2.7	-3.6
Riverina Water (W)	16.7	18.2	10.6	19.4	17.9	-7.7
Bundaberg	22.0	32.7	17.3	14.3	13.0	-9.1
South Gippsland Water	24.0	22.2	36.6	29.4	25.9	-11.9
GWMWater	45.2	41.7	39.9	46.2	39.8	-13.9
Gladstone	63.7	10.8	87.1	40.2	34.6	-13.9
Mackay	7.2	6.2	6.4	3.8	3.1	-18.4
Queanbeyan	21.4	23.2	23.5	17.6	13.4	-23.9
Tweed	9.3	11.8	11.1	9.7	5.7	-41.2
Wingecarribee	8.3	6.3	4.9	8.3	3.9	-53.0
Tamworth	3.7	4.7	2.9	3.9	1.6	-59.0
Eurobodalla	17.2	42.0	30.9	15.0		
<b>Median</b>	<b>12.3</b>	<b>11.3</b>	<b>10.6</b>	<b>9.9</b>	<b>11.6</b>	
<b>Mean</b>	<b>19.6</b>	<b>15.1</b>	<b>16.8</b>	<b>13.4</b>	<b>12.9</b>	
<b>Small</b>						
Cassowary Coast	20.8	21.9	27.3	21.5	31.2	45.1
WC (Australind/Eaton)	6.5	4.4	5.2	3.2	4.6	43.7
WC (Kal-Boulder) (W)	21.2	9.8	12.9	9.5	13.6	43.2
Westernport Water	11.0	10.5	19.8	13.3	15.5	16.5
Central Highlands	33.9	24.9	26.8	21.8	24.9	14.2
WC (Geraldton)	22.6	14.9	12.0	25.2	28.6	13.5
Whitsunday	16.2	19.5	23.2	25.9	28.5	10.0
Aqwest-Bunbury (W)	6.1	7.6	4.6	8.0	8.4	5.0
Livingstone	3.2	3.9	3.8	3.2	3.3	3.1
Lismore	52.7	20.9	12.3	11.4	11.7	2.6
Goldenfields Water (W)	18.5	15.1	8.6	11.2	10.8	-3.6
Orange	7.4	10.9	3.1	8.9	8.5	-4.5
Kempsey	5.5	5.9	19.5	17.4	16.6	-4.6
Gympie	9.8	10.6	16.0	14.0	12.7	-9.3
Busselton (W)	7.4	7.9	5.2	6.3	5.7	-9.5
Southern Downs	7.2	8.1	11.4	17.5	15.8	-9.7
Bathurst	4.2	3.5	3.9	13.5	11.7	-13.3
Essential Energy	22.3	9.9	4.5	5.2	4.5	-13.5
P&W (Alice Springs)	43.1	31.0	31.4	32.1	24.5	-23.7
WC (Albany)	11.5	13.5	11.9	12.1	8.8	-27.3
Ballina				5.5	3.7	-32.7
Mount Barker			6.0	11.1	7.3	-34.2
Bega Valley	4.7	11.6	3.0	8.1	5.3	-34.6
Western Downs	7.2	25.1	30.4	52.3	29.0	-44.6
Goulburn Mulwaree	14.4	4.7	2.8	2.0	1.1	-45.0

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Armidale	20.1	14.3	12.4	15.4	5.8	-62.3
Byron	13.1	48.2	61.9	55.4	2.9	-94.8
Snowy Monaro		8.9		16.1		
<b>Median</b>	<b>11.5</b>	<b>10.8</b>	<b>11.9</b>	<b>12.7</b>	<b>10.8</b>	
<b>Mean</b>	<b>15.6</b>	<b>14.1</b>	<b>14.6</b>	<b>16.0</b>	<b>12.8</b>	



**Table A11 A14 – Number of sewer mains breaks and chokes per 100 km of sewer main (breaks and chokes/100 km), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Sydney Water	66.0	49.0	42.0	28.0	41.0	46.4
Hunter Water	42.8	33.6	27.3	22.5	32.1	42.7
Central Coast	33.0	30.0	30.0	26.0	36.0	38.5
Urban Utilities	21.1	24.0	19.0	14.3	19.4	35.7
Icon Water	83.8	52.3	34.7	29.0	39.1	34.8
TasWater	41.2	56.6	42.8	48.1	63.9	32.8
WC (Perth)	18.4	17.5	14.1	13.4	17.4	29.9
Barwon Water	53.8	55.8	53.9	49.8	57.1	14.7
Gold Coast	6.2	3.8	5.7	4.4	5.0	13.6
Greater Western Water			16.9	15.6	17.4	11.5
Logan	9.8	8.1	6.6	5.8	6.1	5.2
SA Water	48.0	49.3	51.0	45.0	47.0	4.4
South East Water	20.7	16.2	16.1	14.3	14.7	2.8
Yarra Valley Water	42.4	32.3	27.6	28.8	25.8	-10.4
Unitywater	19.8	9.8	8.9	7.1	6.0	-15.5
<b>Median</b>	<b>37.1</b>	<b>31.1</b>	<b>27.3</b>	<b>22.5</b>	<b>25.8</b>	
<b>Mean</b>	<b>36.2</b>	<b>31.3</b>	<b>26.4</b>	<b>23.5</b>	<b>28.5</b>	
<b>Large</b>						
Shoalhaven	3.0	3.0	17.0	13.0	20.0	53.8
Cairns	12.9	12.4	16.7	14.6	20.8	42.5
Gippsland Water	6.9	1.5	3.4	4.2	4.9	16.7
Toowoomba	13.5	20.1	18.7	14.6	14.7	0.7
Redland City	2.7	13.9	15.2	15.0	14.8	-1.3
Townsville	54.8	54.4	57.4	45.8	42.8	-6.6
Central Highlands Water (Vic)	19.2	19.7	16.7	16.5	15.1	-8.5
WC (Mandurah)	8.5	6.8	7.6	7.7	6.9	-10.4
Goulburn Valley Water	13.8	14.9	10.7	10.2	8.6	-15.7
North East Water	13.9	10.6	9.1	9.4	7.7	-18.1
Coliban Water	22.3	17.8	20.7	16.2	11.8	-27.2
P&W (Darwin)	12.7	8.6	6.9	17.0	7.9	-53.5
<b>Median</b>	<b>13.2</b>	<b>13.2</b>	<b>15.9</b>	<b>14.6</b>	<b>13.2</b>	
<b>Mean</b>	<b>15.4</b>	<b>15.3</b>	<b>16.7</b>	<b>15.3</b>	<b>14.7</b>	
<b>Medium</b>						
Coffs Harbour	88.0	82.0	31.0	10.0	30.0	200.0
Fraser Coast	9.4	6.5	3.6	2.6	4.5	73.1
Port Macquarie Hastings	6.0	15.0	30.0	6.0	9.0	50.0
South Gippsland Water	13.3	12.5	8.9	7.8	11.3	44.9
Albury	52.0	81.0	83.0	75.0	94.0	25.3
Queanbeyan	55.0	116.0	84.0	62.0	77.0	24.2
Dubbo	63.0	50.0	62.0	46.0	57.0	23.9

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
MidCoast Council	27.0	21.0	18.0	14.0	16.0	14.3
Wingecarribee	8.0	15.0	14.0	9.0	10.0	11.1
Clarence Valley	66.0	11.0	5.0	2.0	2.0	0.0
Tweed	0.0	1.0	6.0	6.0	6.0	0.0
Wagga Wagga (S)		57.0	55.0	57.0	56.0	-1.8
Wannon Water	9.2	8.1	5.2	7.0	6.7	-4.3
Lower Murray Water	16.0	10.4	17.0	13.9	13.0	-6.5
GWMWater	43.2	50.5	43.8	43.6	39.7	-8.9
Bundaberg	20.3	30.1	29.9	20.6	18.2	-11.7
East Gippsland Water	8.1	7.1	5.4	3.6	3.1	-13.9
Fitzroy River Water	18.3	16.5	16.3	16.3	10.6	-35.0
Tamworth	12.0	11.0	20.0	14.0	9.0	-35.7
Mackay	3.1	4.6	1.3	1.9	1.1	-42.1
Gladstone	8.4	2.0	9.4	6.9	2.3	-66.7
Eurobodalla	29.0	13.0	27.0	13.0		
<b>Median</b>	<b>16.0</b>	<b>14.0</b>	<b>17.5</b>	<b>11.5</b>	<b>10.6</b>	
<b>Mean</b>	<b>26.4</b>	<b>28.2</b>	<b>26.2</b>	<b>19.9</b>	<b>22.7</b>	
<b>Small</b>						
WC (Busselton) (S)	13.2	5.6	2.5	0.9	3.7	311.1
Ballina				5.0	15.0	200.0
Central Highlands	25.6	9.6	9.6	10.7	26.4	146.7
Orange	40.0	45.0	64.0	33.0	56.0	69.7
Mount Barker			1.0	2.0	3.0	50.0
Essential Energy	143.0	167.0	151.0	96.0	133.0	38.5
Armidale	58.0	47.0	41.0	29.0	40.0	37.9
WC (Bunbury) (S)	6.4	7.7	8.1	6.8	9.1	33.8
Lismore	24.0	28.0	24.0	16.0	20.0	25.0
Whitsunday	7.6	32.2	11.7	15.8	17.8	12.7
Gympie	14.2	15.6	19.0	15.5	17.3	11.6
Kal-Boulder (S)	34.0	24.3	13.7	11.8	13.1	11.0
Kempsey	12.0	33.0	29.0	32.0	35.0	9.4
Bathurst	36.0	44.0	23.0	22.0	23.0	4.5
WC (Australind/Eaton)	6.3	7.1	5.9	3.9	3.9	0.0
P&W (Alice Springs)	6.6	5.9	11.3	6.0	5.7	-5.0
Westernport Water	3.6	5.4	7.6	4.0	3.5	-12.5
Southern Downs	64.4	30.8	32.7	21.1	17.8	-15.6
WC (Albany)	21.1	22.9	16.5	17.3	13.5	-22.0
Goulburn Mulwaree	44.0	277.0	33.0	60.0	44.0	-26.7
Bega Valley	18.0	14.0	7.0	3.0	2.0	-33.3
Livingstone	3.9	4.2	4.8	4.1	2.4	-41.5
Cassowary Coast	3.0	6.9	3.5	8.2	4.6	-43.9
Snowy Monaro		6.0	13.0	219.0	116.0	-47.0
WC (Geraldton)	5.0	3.4	3.7	5.9	3.1	-47.5

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Byron	13.0	42.0	49.0	41.0	19.0	-53.7
Western Downs	4.7	4.0	3.6	7.5	2.9	-61.3
<b>Median</b>	<b>13.7</b>	<b>15.6</b>	<b>12.3</b>	<b>11.8</b>	<b>15.0</b>	
<b>Mean</b>	<b>25.3</b>	<b>35.5</b>	<b>22.7</b>	<b>25.8</b>	<b>24.1</b>	

**Table A12 A15 – Number of property connection sewer breaks and chokes (breaks and chokes/1,000 properties), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Logan	1.20	0.90	0.60	0.50	1.10	120.0
Sydney Water	0.30	0.20	0.20	0.10	0.17	70.0
Hunter Water	9.80	8.20	6.60	5.60	8.40	50.0
Icon Water	15.70	10.50	7.30	4.90	6.80	38.8
Central Coast	3.10	3.00	3.90	3.00	3.97	32.3
Gold Coast	2.20	1.70	1.50	1.00	1.30	30.0
TasWater	12.60	6.90	6.70	6.50	7.90	21.5
Urban Utilities	2.90	3.10	2.30	2.20	2.60	18.2
Greater Western Water			2.84	2.52	2.94	16.7
Barwon Water	9.30	10.00	9.60	8.80	10.00	13.6
Unitywater	1.40	1.30	1.10	0.90	1.00	11.1
South East Water	4.90	3.90	4.04	3.38	3.64	7.7
SA Water	29.00	28.00	35.00	31.00	33.00	6.5
Yarra Valley Water	8.00	5.60	5.30	4.78	5.02	5.0
<b>Median</b>	<b>4.90</b>	<b>3.90</b>	<b>3.97</b>	<b>3.19</b>	<b>3.81</b>	
<b>Mean</b>	<b>7.72</b>	<b>6.41</b>	<b>6.21</b>	<b>5.37</b>	<b>6.27</b>	
<b>Large</b>						
Redland City	1.10	1.00	1.40	0.60	1.30	116.7
P&W (Darwin)	1.00	1.20	0.99	1.00	1.51	51.0
North East Water	2.70	3.20	3.50	3.00	3.97	32.3
Central Highlands Water (Vic)	4.60	5.60	5.15	4.04	5.23	29.5
Coliban Water	3.30	0.50	1.07	0.89	1.08	21.3
Toowoomba	2.30	1.60	1.10	3.10	3.40	9.7
Cairns	2.30	2.20	2.90	2.60	2.60	0.0
Gippsland Water	1.40	1.40	1.10	0.90	0.90	0.0
Goulburn Valley Water	7.50	5.80	5.70	4.40	4.20	-4.5
Townsville	5.40	7.20	4.60	6.20	5.90	-4.8
Shoalhaven	3.10	2.20	2.10	4.80	0.85	-82.3
<b>Median</b>	<b>2.70</b>	<b>2.20</b>	<b>2.10</b>	<b>3.00</b>	<b>2.60</b>	
<b>Mean</b>	<b>3.15</b>	<b>2.90</b>	<b>2.69</b>	<b>2.87</b>	<b>2.81</b>	
<b>Medium</b>						
Port Macquarie Hastings	0.20	0.03	0.40	0.10	2.42	2320.0
Gladstone	1.50	0.10	0.70	0.30	1.00	233.3
Bundaberg	7.60	11.00	7.80	3.80	6.30	65.8
Tweed	0.40	0.50	0.40	0.50	0.81	62.0
Wannon Water	2.00	1.90	2.60	1.90	2.80	47.4
Clarence Valley	4.20	3.40	6.90	3.60	5.30	47.2
GWMWater	33.10	35.50	23.73	21.07	23.44	11.2
Tamworth	2.90	6.30	2.40	4.70	4.92	4.7
Lower Murray Water	9.00	7.00	9.55	6.20	6.10	-1.6

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Coffs Harbour	3.00	3.10	11.20	13.70	12.69	-7.4
Mackay	1.20	1.70	1.40	1.20	1.10	-8.3
Fitzroy River Water	12.80	12.30	11.60	8.40	7.00	-16.7
Fraser Coast	1.50	3.40	3.80	4.00	3.20	-20.0
East Gippsland Water	1.30	1.70	0.67	0.90	0.70	-22.2
Queanbeyan		2.20	1.90	0.37	0.25	-32.4
Wagga Wagga (S)	8.50	6.90	7.00	6.20	4.12	-33.5
Wingecarribee	16.70	15.00	7.90	15.00	9.45	-37.0
South Gippsland Water	5.10	4.00	4.71	7.03	3.07	-56.3
Dubbo	8.60	8.90	9.80	10.00	3.41	-65.9
Albury	2.70	2.30	2.10	3.40	0.00	-100.0
Eurobodalla	4.20	6.00	4.60	1.80		
MidCoast Council					0.00	
<b>Median</b>	<b>3.60</b>	<b>3.40</b>	<b>4.60</b>	<b>3.80</b>	<b>3.20</b>	
<b>Mean</b>	<b>6.32</b>	<b>6.34</b>	<b>5.77</b>	<b>5.44</b>	<b>4.67</b>	
<b>Small</b>						
Southern Downs	7.10	5.70	5.40	2.80	6.40	128.6
Snowy Monaro				1.90	3.00	57.9
P&W (Alice Springs)	4.10	1.30	1.70	1.00	1.55	55.0
Whitsunday	0.70	3.00	2.70	1.00	1.50	50.0
Lismore	8.90	9.70	8.90	6.30	8.97	42.4
Bathurst	3.00	4.90	2.60	1.30	1.83	40.8
Cassowary Coast	0.30	0.70	0.80	1.40	1.90	35.7
Kempsey	23.50	12.40	12.20	9.70	13.09	34.9
Western Downs	4.60	8.10	6.90	5.10	6.50	27.5
Essential Energy	60.00	61.40	68.60	38.50	44.87	16.5
Gympie	1.90	2.30	1.10	0.80	0.90	12.5
Westernport Water	1.80	1.50	1.97	1.95	2.06	5.6
Livingstone	2.20	3.40	2.00	2.20	2.30	4.5
Mount Barker			1.20	0.00	0.00	0.0
Armidale	34.10	23.90	14.50	16.10	14.20	-11.8
Goulburn Mulwaree	12.60	10.40	9.10	8.40	6.37	-24.2
Byron	16.80	10.90	20.00	8.00	6.06	-24.3
Orange	10.00	13.40	28.30	13.80	9.74	-29.4
Ballina				5.40	3.40	-37.0
Central Highlands	8.60	10.90	13.20	11.50	6.60	-42.6
Bega Valley	0.80	1.90	0.50	1.30	0.34	-73.8
Kal-Boulder (S)	0.00	0.00				
<b>Median</b>	<b>4.60</b>	<b>5.70</b>	<b>5.40</b>	<b>2.80</b>	<b>3.40</b>	
<b>Mean</b>	<b>10.58</b>	<b>9.78</b>	<b>10.61</b>	<b>6.59</b>	<b>6.74</b>	

**Table A13 A10 – Real losses: service connections (L/service connection/day), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Unitywater	54.1	52.7	40.1	49.8	59.8	20.1
Yarra Valley Water	42.0	37.0	40.0	49.0	51.0	4.1
Sydney Water	85.0	74.0	77.0	80.0	83.0	3.8
WC (Perth)	84.7	71.7	95.0	87.0	89.0	2.3
Gold Coast	68.0	65.5	65.8	70.5	71.6	1.6
Barwon Water	21.0	24.0	30.0	59.0	59.0	0.0
Greater Western Water			60.0	80.0	80.0	0.0
SA Water	90.0	85.0	77.0	73.0	73.0	0.0
Central Coast	58.0	68.0	59.0	73.0	72.7	-0.4
Urban Utilities	70.0	61.0	67.0	67.0	65.0	-3.0
South East Water	53.0	47.0	65.0	68.0	65.0	-4.4
Icon Water	49.0	55.0	52.0	72.0	66.0	-8.3
Hunter Water	69.0	64.0	67.0	83.0	76.0	-8.4
Logan	70.8	66.3	70.9	53.9	39.3	-27.1
TasWater	361.0	272.0	308.0	319.0		
<b>Median</b>	<b>68.5</b>	<b>64.8</b>	<b>65.8</b>	<b>72.0</b>	<b>68.8</b>	
<b>Mean</b>	<b>84.0</b>	<b>74.5</b>	<b>78.2</b>	<b>85.6</b>	<b>67.9</b>	
<b>Large</b>						
Redland City	25.6	18.4	28.5	16.2	55.7	243.8
Coliban Water	86.0	70.0	40.0	50.0	90.0	80.0
Cairns	31.3	34.8	64.5	77.7	121.0	55.7
WC (Mandurah)	47.8	45.3	58.3	44.3	65.5	48.0
Central Highlands Water (Vic)	42.0	50.0	50.0	32.0	46.0	43.8
North East Water	54.0	51.0	44.0	59.0	79.0	33.9
Goulburn Valley Water	80.0	107.0	78.0	93.0	102.0	9.7
Shoalhaven	74.0	52.0	90.0	74.0	79.2	7.0
Gippsland Water	71.0	70.0	72.0	84.0	78.0	-7.1
Toowoomba	73.4	96.3	98.6	42.7	35.9	-15.9
P&W (Darwin)	276.0	297.0	281.0	362.0	270.0	-25.4
Townsville	333.7	152.9	86.8	190.8	66.4	-65.2
<b>Median</b>	<b>72.2</b>	<b>61.0</b>	<b>68.2</b>	<b>66.5</b>	<b>78.5</b>	
<b>Mean</b>	<b>99.6</b>	<b>87.1</b>	<b>82.6</b>	<b>93.8</b>	<b>90.7</b>	
<b>Medium</b>						
Albury	19.0	23.0	17.0	20.0	33.2	65.9
Mackay	111.0	228.1	116.4	99.1	143.9	45.2
Wannon Water	70.0	70.0	70.0	70.0	90.0	28.6
GWMWater	40.0	70.0	90.0	110.0	138.0	25.5
Port Macquarie Hastings	87.0	64.0	70.0	13.0	16.1	23.8
Tamworth	87.0	82.0	61.0	48.0	56.4	17.5
Wingecarribee	77.0	76.0	88.0	69.0	80.5	16.7

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
South Gippsland Water	102.6	118.9	119.5	111.0	129.3	16.5
Gladstone	96.0	60.3	90.3	67.2	70.8	5.4
East Gippsland Water	43.1	56.0	47.0	50.0	50.0	0.0
Coffs Harbour	44.0	38.0	45.0	45.0	42.1	-6.5
Bundaberg	163.6	135.4	59.2	133.3	118.0	-11.5
Lower Murray Water	101.4	47.6	66.8	129.5	109.5	-15.5
Fraser Coast	62.1	53.1	59.0	48.6	40.6	-16.5
MidCoast Council	40.0	22.0	61.0	60.0	49.8	-17.0
Riverina Water (W)	2.0	63.0	101.0	100.0	70.3	-29.7
Clarence Valley	30.0	47.0	110.0	150.0	101.5	-32.3
Fitzroy River Water	194.1	170.0	224.0	220.8	146.1	-33.8
Tweed	96.0	109.0	146.0	174.0	114.5	-34.2
Queanbeyan	142.0	27.0	42.0	18.0	9.0	-49.8
Dubbo	121.0	106.0	77.0			
Eurobodalla	50.0	50.0	54.0	51.0		
<b>Median</b>	<b>82.0</b>	<b>63.5</b>	<b>70.0</b>	<b>69.0</b>	<b>75.7</b>	
<b>Mean</b>	<b>80.9</b>	<b>78.0</b>	<b>82.5</b>	<b>85.1</b>	<b>80.5</b>	
<b>Small</b>						
P&W (Alice Springs)	246.0	208.0	100.0	79.0	205.8	160.5
Central Highlands	261.9		304.0	246.8	372.1	50.8
Busselton (W)	162.0	127.0	177.0	145.0	177.0	22.1
WC (Geraldton)	162.6	234.4	226.8	212.9	238.9	12.2
Whitsunday	323.1	220.1	247.0	192.4	212.0	10.2
Cassowary Coast	472.4	372.5	358.4	415.7	457.7	10.1
Byron	49.0	44.0	26.0	69.0	75.8	9.9
Orange	39.0	29.0	35.0	43.0	47.0	9.3
Bega Valley	54.0	41.0	46.0	49.0	52.8	7.8
WC (Australind/Eaton)	87.4	168.4	104.9	137.4	147.2	7.1
Essential Energy	76.0	67.0	94.0	72.0	72.0	0.0
Aqwest-Bunbury (W)	95.0	103.0	107.0	140.0	137.0	-2.1
Livingstone	245.0	166.2	181.1	197.4	192.2	-2.6
Kempsey	45.0	45.0	35.0	57.0	55.0	-3.5
WC (Albany)	176.5	76.5	84.5	66.4	62.0	-6.6
Gympie	113.7	131.9	117.6	170.7	156.1	-8.6
Bathurst	47.0			144.0	126.5	-12.1
Goldenfields Water (W)	89.0	167.0	146.0	214.0	173.0	-19.2
Southern Downs	35.4	106.5	125.3	141.5	107.0	-24.4
Ballina	116.0	117.0	112.0	104.0	70.3	-32.4
WC (Kal–Boulder) (W)	120.6	79.6	100.2	141.4	92.9	-34.3
Lismore	78.0	75.0	108.0	161.0	102.0	-36.7
Western Downs	6.7	118.7	134.5	111.1	52.8	-52.5
Westernport Water	11.0	11.0	31.0	18.0	5.0	-72.2
Goulburn Mulwaree	40.0	12.0	38.0	40.0	9.5	-76.3

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Armidale	28.0	186.0	46.0		56.7	
<b>Median</b>	<b>88.2</b>	<b>111.8</b>	<b>107.0</b>	<b>140.0</b>	<b>104.5</b>	
<b>Mean</b>	<b>122.3</b>	<b>121.1</b>	<b>123.4</b>	<b>134.7</b>	<b>132.9</b>	



**Table A14 E12 – Total net greenhouse gas emissions per 1,000 properties (t CO<sub>2</sub> equivalents/1,000 properties), by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
Gold Coast	250	236	239	200	298	48.6
SA Water	340	345	236	173	209	20.8
WC (Perth)	701	695	567	379	451	19.0
Unitywater	228	245	252	205	221	7.5
Central Coast	472	533	415	496	503	1.5
Logan	185	173	186	0	0	0.0
Urban Utilities	178	180	166	160	158	-1.3
Greater Western Water			78	61	58	-5.1
Hunter Water	344	309	294	271	255	-6.0
Icon Water	331	196	177	175	154	-12.1
Sydney Water	175	169	168	158	139	-12.4
Barwon Water	267	176	161	132	105	-20.5
South East Water	42	45	35	34	25	-25.7
Yarra Valley Water	35	26	20	18	12	-34.8
<b>Median</b>	<b>250</b>	<b>196</b>	<b>181</b>	<b>166</b>	<b>156</b>	
<b>Mean</b>	<b>273</b>	<b>256</b>	<b>214</b>	<b>176</b>	<b>185</b>	
<b>Large</b>						
WC (Mandurah)	377	387	323	193	254	32.0
Toowoomba	617	635	585	415	461	11.0
P&W (Darwin)	213	199	223	233	248	6.5
Central Highlands Water (Vic)	200	175	196	172	178	3.1
Cairns	228	247	224	214	211	-1.7
Goulburn Valley Water	1,290	1,170	555	490	465	-5.3
Townsville	433	165	482	483	424	-12.1
Redland City	184	190	180	180	157	-13.0
Coliban Water	385	341	338	258	219	-15.4
Gippsland Water	483	480	472	436	364	-16.7
North East Water	619	599	578	560	418	-25.4
Shoalhaven	739	763	831	676	399	-41.0
<b>Median</b>	<b>409</b>	<b>364</b>	<b>405</b>	<b>337</b>	<b>309</b>	
<b>Mean</b>	<b>481</b>	<b>446</b>	<b>416</b>	<b>359</b>	<b>316</b>	
<b>Medium</b>						
Clarence Valley	169	233	208	85	216	153.5
Dubbo	468	427	740	273	508	86.2
Tamworth	391	370	212	216	374	72.9
Wannon Water	611	528	578	502	566	12.7
Port Macquarie Hastings	527	489	489	539	593	10.0
Albury	367	271	339	374	391	4.5
Fitzroy River Water	562	559	535	500	519	3.9
Wingecarribee	733	913	1,064	643	667	3.7

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
GWMWater	473	436	492	377	377	0.0
Coffs Harbour	428	419	427	323	320	-0.8
South Gippsland Water	424	391	348	329	318	-3.3
Bundaberg	677	338	200	290	275	-5.2
Lower Murray Water	578	540	523	399	367	-8.1
East Gippsland Water	341	307	310	291	265	-8.9
MidCoast Council	416	454	844	803	702	-12.6
Tweed	413	391	380	377	324	-14.0
Queanbeyan	184	243	140	213	174	-18.3
Eurobodalla	495	404	177	260		
Mackay	0	0		0		
<b>Median</b>	<b>428</b>	<b>404</b>	<b>404</b>	<b>329</b>	<b>374</b>	
<b>Mean</b>	<b>435</b>	<b>406</b>	<b>445</b>	<b>358</b>	<b>409</b>	
<b>Small</b>						
Orange	668	672	672	229	283	23.6
Essential Energy	368	354	338	370	419	13.2
WC (Australind/Eaton)	321	310	287	223	245	9.8
WC (Albany)	364	362	372	292	315	8.2
Byron	386	417	416	379	403	6.4
Lismore	185	255	375	322	336	4.2
Cassowary Coast	290	319	257	329	342	3.7
WC (Geraldton)	343	322	325	279	289	3.7
P&W (Alice Springs)	878	882	757	712	730	2.5
Bega Valley	284	476	435	695	710	2.1
Snowy Monaro			1,096	734	729	-0.7
Goulburn Mulwaree	687	855	948	858	850	-0.9
Livingstone	391	370	439	393	384	-2.4
Armidale	326	719	124	491	449	-8.6
Southern Downs	168	599	646	571	518	-9.3
Kempsey	682	821	822	749	670	-10.6
Gympie	405	362	267	253	222	-12.3
Ballina	459	772	849	657	569	-13.4
Whitsunday	475	497	492	372	304	-18.2
Westernport Water	384	367	329	364	294	-19.2
Western Downs	475	509	600	562	437	-22.3
Bathurst	388	395	426	430	71	-83.4
Central Highlands	291	296	199			
<b>Median</b>	<b>385</b>	<b>406</b>	<b>426</b>	<b>386</b>	<b>394</b>	
<b>Mean</b>	<b>419</b>	<b>497</b>	<b>499</b>	<b>467</b>	<b>435</b>	

**Table A15 H3 – Percentage of population where microbiological compliance was achieved, by utility size group, 2019–20 to 2023–24**

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
<b>Major</b>						
South East Water	100.0	99.9	100.0	99.9	100.0	0.1
Barwon Water	100.0	100.0	100.0	100.0	100.0	0.0
Central Coast	100.0	100.0	100.0	100.0	100.0	0.0
Gold Coast	100.0	100.0	100.0	100.0	100.0	0.0
Greater Western Water			100.0	100.0	100.0	0.0
Hunter Water	100.0	100.0	100.0	100.0	100.0	0.0
Icon Water	100.0	100.0	100.0	100.0	100.0	0.0
Logan	100.0	100.0	100.0	100.0	100.0	0.0
SA Water	100.0	100.0	100.0	100.0	100.0	0.0
Sydney Water	100.0	100.0	100.0	100.0	100.0	0.0
Unitywater	100.0	100.0	100.0	100.0	100.0	0.0
Urban Utilities	100.0	100.0	100.0	100.0	100.0	0.0
WC (Perth)	100.0	100.0	100.0	100.0	100.0	0.0
Yarra Valley Water	100.0	100.0	100.0	100.0	100.0	0.0
<b>Median</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
<b>Mean</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
<b>Large</b>						
Coliban Water	94.3	100.0	100.0	95.0	100.0	5.3
North East Water	100.0	100.0	100.0	99.9	100.0	0.1
Cairns	100.0	100.0	100.0	100.0	100.0	0.0
Gippsland Water	100.0	99.0	100.0	100.0	100.0	0.0
Central Highlands Water (Vic)	100.0	99.8	100.0	100.0	100.0	0.0
Goulburn Valley Water	100.0	99.5	100.0	100.0	100.0	0.0
P&W (Darwin)	100.0	100.0	100.0	100.0	100.0	0.0
Redland City	100.0	100.0	100.0	100.0	100.0	0.0
Shoalhaven	100.0	100.0	100.0	100.0	100.0	0.0
Toowoomba	100.0	100.0	100.0	100.0	100.0	0.0
Townsville	100.0	100.0	100.0	100.0	100.0	0.0
WC (Mandurah)	100.0	100.0	100.0	100.0	100.0	0.0
<b>Median</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
<b>Mean</b>	<b>99.5</b>	<b>99.9</b>	<b>100.0</b>	<b>99.6</b>	<b>100.0</b>	
<b>Medium</b>						
Bundaberg	100.0	100.0	100.0	99.9	100.0	0.1
Albury	100.0	100.0	100.0	100.0	100.0	0.0
Wannon Water	100.0	100.0	100.0	100.0	100.0	0.0
Tweed	100.0	100.0	100.0	100.0	100.0	0.0
Fitzroy River Water	100.0	100.0	100.0	100.0	100.0	0.0
Riverina Water (W)	100.0	100.0	100.0	100.0	100.0	0.0
Queanbeyan	100.0	100.0	100.0	100.0	100.0	0.0
Mackay	100.0	100.0	100.0	100.0	100.0	0.0

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Lower Murray Water	100.0	100.0	100.0	100.0	100.0	0.0
GWMWater	100.0	100.0	97.0	100.0	100.0	0.0
Gladstone	100.0	100.0	100.0	100.0	100.0	0.0
Fraser Coast	100.0	100.0	100.0	100.0	100.0	0.0
East Gippsland Water	100.0	100.0	100.0	100.0	100.0	0.0
Dubbo	100.0	100.0	100.0	100.0	100.0	0.0
Coffs Harbour	100.0	100.0	100.0	100.0	100.0	0.0
Clarence Valley	100.0	100.0	100.0	100.0	100.0	0.0
Wingecarribee	100.0	100.0	100.0	100.0	100.0	0.0
MidCoast Council	100.0	100.0	100.0	100.0	97.0	-3.0
South Gippsland Water	100.0	100.0	100.0	100.0	94.5	-5.5
Eurobodalla	100.0	100.0	100.0	100.0		
Port Macquarie Hastings	100.0	100.0	100.0		100.0	
Tamworth	100.0	100.0	100.0		100.0	
<b>Median</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
<b>Mean</b>	<b>100.0</b>	<b>100.0</b>	<b>99.9</b>	<b>100.0</b>	<b>99.6</b>	
<b>Small</b>						
Aqwest-Bunbury (W)	100.0	100.0	100.0	100.0	100.0	0.0
Lismore	100.0	100.0	100.0	100.0	100.0	0.0
Westernport Water	100.0	100.0	100.0	100.0	100.0	0.0
Western Downs	100.0	100.0	100.0	100.0	100.0	0.0
WC (Kal-Boulder) (W)	100.0	100.0	100.0	100.0	100.0	0.0
WC (Geraldton)	100.0	100.0	100.0	100.0	100.0	0.0
WC (Australind/Eaton)	100.0	100.0	100.0	100.0	100.0	0.0
WC (Albany)	100.0	100.0	100.0	100.0	100.0	0.0
Southern Downs	99.5	100.0	100.0	100.0	100.0	0.0
Snowy Monaro		100.0	100.0	100.0	100.0	0.0
P&W (Alice Springs)	100.0	100.0	100.0	100.0	100.0	0.0
Orange	100.0	100.0	100.0	100.0	100.0	0.0
Livingstone	100.0	100.0	100.0	100.0	100.0	0.0
Kempsey	100.0	100.0	100.0	100.0	100.0	0.0
Armidale	100.0	100.0	100.0	100.0	100.0	0.0
Gympie	98.6	100.0	100.0	100.0	100.0	0.0
Goulburn Mulwaree	100.0	100.0	100.0	100.0	100.0	0.0
Goldenfields Water (W)	100.0	100.0	100.0	100.0	100.0	0.0
Essential Energy	100.0	100.0	100.0	100.0	100.0	0.0
Central Highlands	100.0	100.0	100.0	100.0	100.0	0.0
Cassowary Coast	97.5	100.0	100.0	100.0	100.0	0.0
Byron	100.0	100.0	100.0	100.0	100.0	0.0
Busselton (W)	100.0	100.0	100.0	100.0	100.0	0.0
Bega Valley	100.0	100.0	100.0	100.0	100.0	0.0
Bathurst	100.0	100.0	100.0	100.0	100.0	0.0
Ballina	100.0	100.0	100.0	100.0	100.0	0.0

Utility	2019–20	2020–21	2021–22	2022–23	2023–24	Change from 2022–23 (%)
Whitsunday	100.0	100.0	100.0	100.0	100.0	0.0
<b>Median</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
<b>Mean</b>	<b>99.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	