

Table 1
Water use parameters in manufacturing industries, by industry group, 2011

	Intake		Recirculation		Recirculation rate ¹	Gross water use ²		Discharge		Consumption ³		Consumption rate ⁴
	millions of cubic metres	%	millions of cubic metres	%		millions of cubic metres	%	millions of cubic metres	%	millions of cubic metres	%	
Total	3,677.5^A	100.0	1,870.0^A	100.0	50.8	5,547.5	100.0	3,226.8^A	100.0	450.7	100.0	12.3
Food	346.4 ^B	9.4	49.5 ^B	2.6	14.3	395.9	7.1	312.5 ^B	9.7	33.9	7.5	9.8
Beverage and tobacco	46.8 ^B	1.3	1.3 ^D	0.1	2.8	48.1	0.9	34.4 ^A	1.1	12.4	2.8	26.5
Textile mills	1.7 ^D	0.0	x	x	x	x	x	1.6 ^D	0.0	0.1	0.0	5.9
Textile products	1.4 ^E	0.0	F	F	F	F	F	1.2 ^E	0.0	0.2	0.0	14.3
Wood	28.6 ^E	0.8	x	x	x	x	x	19.0 ^E	0.6	9.6	2.1	33.6
Paper	1,322.5 ^A	36.0	598.9 ^B	32.0	45.3	1,921.4	34.6	1,281.7 ^A	39.7	40.8	9.1	3.1
Petroleum and coal	288.8 ^A	7.9	212.4 ^D	11.4	73.5	501.2	9.0	259.8 ^A	8.1	29.0	6.4	10.0
Chemicals	451.0 ^C	12.3	49.9 ^A	2.7	11.1	500.9	9.0	317.8 ^B	9.8	133.2	29.6	29.5
Plastics and rubber	26.7 ^D	0.7	3.0 ^E	0.2	11.2	29.7	0.5	22.3 ^D	0.7	4.4	1.0	16.5
Non-metallic minerals	44.3 ^C	1.2	5.8 ^D	0.3	13.1	50.1	0.9	29.0 ^C	0.9	15.3	3.4	34.5
Primary metals	1,076.1 ^A	29.3	930.7 ^A	49.8	86.5	2,006.8	36.2	906.6 ^A	28.1	169.5	37.6	15.8
Fabricated metals	6.0 ^D	0.2	x	x	x	x	x	5.8 ^D	0.2	0.2	0.0	3.3
Machinery	3.6 ^E	0.1	F	F	F	F	F	3.5 ^E	0.1	0.1	0.0	2.8
Computers and electronics ⁵	F	F	x	x	x	x	x	F	F	F	F	F
Electrical products ⁵	1.1 ^D	0.0	x	x	x	x	x	1.1 ^D	0.0	0.0	0.0	0.0
Transportation equipment	24.1 ^B	0.7	0.9 ^D	0.0	3.7	25.0	0.5	22.6 ^B	0.7	1.5	0.3	6.2
Miscellaneous	1.4 ^B	0.0	x	x	x	x	x	1.0 ^B	0.0	0.4	0.1	28.6
Other ⁶	1.6 ^D	0.0	x	x	x	x	x	1.2 ^E	0.0	0.4	0.1	25.0

1. Recirculation rate = Amount of recirculated water as a percent of intake. The same water can leave a sub-system and re-enter it or is used in another sub-system many times, resulting in a recirculation rate > 100%.

2. Gross water use = Intake + Recirculation.

3. Consumption = Intake - Discharge.

4. Consumption rate = Consumption as a percentage of Intake.

5. For 2005, computer and electronic product manufacturing and electrical equipment, appliance and component manufacturing are included in the other manufacturing industries category. As of 2007, they appear separately.

6. Other manufacturing industries combines the following industry groups 3-digit North American Industry Classification System (NAICS): clothing manufacturing (315), leather and allied product manufacturing (316), printing and related support activities (323) and furniture and related product manufacturing (337). The industry groups included in other manufacturing industries may vary from year to year.

Note(s): Figures may not add up to totals due to rounding.

Source(s): Statistics Canada, CANSIM table 153-0047.