

Table 17
Water use parameters in mineral extraction industries, by industry group and region, 2011

	Intake		Recirculation		Recirculation rate ¹	Gross water use ²		Discharge		Mine water
	millions of cubic metres	%	millions of cubic metres	%		millions of cubic metres	%	millions of cubic metres	%	millions of cubic metres
Industry group										
Coal mines	33.6 ^A	7.8	8.4 ^A	1.8	25.0	42.0	4.7	37.1 ^A	6.3	12.3 ^A
Metal mines	260.1 ^A	60.6	357.6 ^A	76.9	137.5	617.7	69.1	350.4 ^A	59.6	63.8 ^C
Non-metal mines ³	135.5 ^B	31.6	99.1 ^A	21.3	73.1	234.6	26.2	200.4 ^D	34.1	84.5 ^C
Total	429.2^A	100.0	465.1^A	100.0	108.4	894.3	100.0	587.9^B	100.0	160.6^B
Region										
Atlantic ⁴	185.2 ^B	43.2	46.7 ^A	10.0	25.2	231.9	25.9	173.3 ^B	29.5	30.7 ^E
Quebec	58.1 ^D	13.5	229.8 ^B	49.4	395.5	287.9	32.2	158.9 ^D	27.0	37.9 ^D
Ontario	70.3 ^B	16.4	41.1 ^D	8.8	58.5	111.4	12.5	92.6 ^C	15.8	26.8 ^C
Prairies ⁵	72.5 ^A	16.9	79.1 ^A	17.0	109.1	151.6	17.0	67.9 ^A	11.5	17.9 ^B
British Columbia and territories ⁶	43.1 ^B	10.0	68.4 ^B	14.7	158.7	111.5	12.5	95.3 ^B	16.2	47.4 ^A
Canada	429.2^A	100.0	465.1^A	100.0	108.4	894.3	100.0	587.9^B	100.0	160.6^B

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. Excluding sand, gravel, clay, and ceramic and refractory minerals mining and quarrying (North American Industry Classification System, code 21232).

4. Atlantic provinces include: Newfoundland and Labrador, Prince Edward Island, Nova Scotia and New Brunswick.

5. Prairie provinces include: Manitoba, Saskatchewan and Alberta.

6. British Columbia and territories include: British Columbia, Yukon, Northwest Territories and Nunavut.

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

Source(s): Statistics Canada, CANSIM tables 153-0078 and 153-0079.