

PERFORMANCE SUMMARY

Indicator ^{1,2,3}	Units	2017	2016	2015	...	2008
ENVIRONMENT						
Air Emissions⁴						
Direct greenhouse gases	kilotonnes CO ₂ e	10,713	10,378	10,353		17,049
Indirect greenhouse gases	kilotonnes CO ₂ e	189	174	207		-
Sulphur dioxide	tonnes	40,150	42,111	42,144		63,182
Nitrogen oxides	tonnes	16,051	17,019	18,006		26,566
Particulate matter (PM2.5)	tonnes	439	438	500		510
Carbon monoxide	tonnes	2,523	2,205	2,523		3,768
Volatile organic compounds	tonnes	216	274	252		168
Mercury	kilograms	31	37	46		157
Ozone depleting substances	kilograms	74	101	95		77
Water Use ⁵	million m ³	22.4	18.5	18.9		22.1
Spills^{6,7}						
Hydrocarbon - number	number	14	14	12		-
Hydrocarbon - volume	thousand litres	3.9	4.4	1.7		-
Non-hydrocarbon - number	number	7	7	2		-
Non-hydrocarbon - volume	thousand litres	2,059.4	34.4	0		-
Hazardous waste ⁸	tonnes	1,651	857	406		-
Environmental fines and penalties	\$ thousand	0	0	0		0
SOCIAL						
Health & Safety⁹						
Lost-time injury rate (employees)	cases/200,000 hours worked	0.25	0.17	0.12		0.77
Lost-time injury rate (contractors)	cases/200,000 hours worked	0.53	0.28	0.56		-
Recordable injury rate (employees)	cases/200,000 hours worked	2.17	2.02	2.11		3.50
Recordable injury rate (contractors)	cases/200,000 hours worked	1.97	1.81	-		-
Fatalities (employees)	number	0	0	0		0
Fatalities (contractors)	number	0	0	0		0
Employees ¹⁰	number	6,752	6,751	7,546		7,781
Voluntary Turnover Rate	per cent	7.2	8.3	8.9		12.8
Employees in Employee Unions or Associations ¹⁰	per cent	50	51	52		54
Diversity¹⁰						
Women in workforce	per cent	31	32	32		29
Women in senior management	per cent	17	17	20		14
Women on Board of Directors	per cent	30	30	27		9
Human Rights and Ethics Incidents¹¹						
Discrimination incidents	number	0	0	0		-
Indigenous rights incidents	number	0	0	0		-
Corruption Incidents ¹¹	number	0	0	0		-
Customer Privacy Breaches ¹¹	number	1	0	0		40
Number of Regulatory Non-compliance Incidents ¹²	number	4	3	0		-
Fines and Penalties for Regulatory Non-compliance	\$ thousand	10.8	0.9	0		-
ECONOMIC						
Economic Value Generated ¹³	\$ million	4,541	4,045	4,131		3,266
Economic Value Distributed						
Suppliers	\$ million	1,865	1,263	1,592		1,127
Employees ¹⁴	\$ million	514	581	696		466
Lenders	\$ million	414	394	370		239
Shareholders	\$ million	348	318	277		166
Governments ¹⁵	\$ million	433	369	369		365
Communities ¹⁶	\$ million	8	7	8		5
Economic Value Retained ¹⁷	\$ million	959	1,113	819		897
Financial Assistance Received from Governments ¹⁸	\$ million	2.07	0.73	0.72		-
Coverage of Defined Benefit Pension Plan Obligations	per cent	92	93	94		99

We strive to continually improve our tracking and measurement systems, and may adjust indicator definitions and performance data to reflect current best practice. In most cases, we use standard industry and regulatory calculation methodologies and definitions that may be updated periodically to improve accuracy.

1. This summary table reports data for the whole ATCO Group of Companies, which should not be misconstrued as ATCO Ltd. (ACO.X, ACO.Y) or Canadian Utilities Limited (CU, CU.X). Although we do not report sustainability metrics separately for these entities, we have provided a factor to estimate the portion of the ATCO Group of Companies represented by ATCO Ltd. and Canadian Utilities Limited in the GRI Content Index.
2. Data is reported on an operatorship basis, which does not align with financial reporting. For our significant environmental indicators, we have provided an additional breakdown based on equity share and ownership in our GRI Content Index.
3. This report includes performance data on indicators that were not included in all previous reports. Data for the new indicators is not provided for previous years, and is denoted with a "-" symbol.
4. Emissions figures include amounts that are required to be reported under federal, provincial, regional or other regulations, or under facility permits. We use standard industry calculation methodologies and emission factors, which sometimes change to improve accuracy.
5. Water use = water diverted minus water returned. The increase in water use is mainly related to the development of four salt caverns for hydrocarbon storage.
6. Includes spills that meet the size thresholds for regulatory reporting in the jurisdiction in which they occurred. Volume spilled is often estimated due to variables such as duration, location and when the spill was identified.
7. Non-hydrocarbon spills are often comprised of high volumes of saline water or water containing small quantities of other substances.
8. Increase in hazardous waste volumes is mainly attributable to the decommissioning and demolition of three natural gas processing facilities.
9. In cases where we direct the work of joint venture (JV) employees, we include their data in safety statistics. We estimate that contractor safety statistics account for more than 90 per cent of our contractors.
10. Includes our temporary workforce but does not include JV employees.
11. We track and address concerns through a number of channels, including our internationally accessible ATCO Integrity Line. Only incidents that have been substantiated by an external authority have been included.
12. Non-environmental regulatory non-compliance incidents include two incidents regarding power generation response time requirements in Alberta, and two incidents related to the operation of our natural gas distribution system in Australia.
13. Economic value generated includes revenues, gains on asset dispositions, and interest income.
14. Payments to employees include the expensed cost of wages and benefits.
15. Payments to governments substantially increased and include income, property, and franchise taxes.
16. Distributions to communities include donations, in-kind contributions, and sponsorships.
17. Economic value retained is economic value generated minus economic value distributed. This is not a financial reporting indicator and should not be confused with retained earnings.
18. Financial assistance received from governments includes tax relief/credits, investment grants, R&D grants, financial awards, and favourable financing terms from domestic and foreign governments. The increase is predominantly related to R&D grants for emission reductions initiatives.