

Performance data tables & SASB index

Data in this report is based on available information for the reporting period of January 1 to December 31 for each year indicated below. Financial amounts are reported in Canadian dollars, unless otherwise stated.

Sustainability data below is reported based on guidance from SASB to facilitate alignment of performance data across our industry. We refer to the SASB Oil & Gas – Midstream Standard (October 2018). We have also included additional sustainability-related metrics we believe to be relevant to our business and our stakeholders.

 Emissions and energy	2019	2018	2017	SASB Code
Total direct GHG emissions (scope 1) (TonnesCO ₂ e) ¹	1,631,228	1,581,780	1,674,218	EM-MD-110a.1
Percentage of direct GHG emissions covered under regulatory programs	93%	94%	94%	EM-MD-110a.1
Percentage of direct GHG emissions verified by a third party	64%	72%	74%	N/A
Indirect GHG from energy consumed (scope 2) (TonnesCO ₂ e) ²	505,271	588,294	593,940	N/A
Carbon dioxide (CO ₂) emissions (Tonnes) ²	1,538,464	1,504,836	1,592,177	N/A
Methane (CH ₄) emissions (Tonnes) ²	3,241	2,599	2,820	N/A
Percentage of methane ²	5%	4%	4%	EM-MD-120a.1
Sulfur oxide (SO _x) emissions (Tonnes) ³	3,215	2,111	3,376	EM-MD-120a.2
Nitrogen oxide (NO _x) emissions (excluding N ₂ O) (Tonnes) ⁴	5,916	5,861	6,136	EM-MD-120a.2
Volatile organic compounds (VOCs) (Tonnes) ⁵	2,076	1,593	2,371	EM-MD-120a.2
Particulate matter (Tonnes) ⁵	128	74	75	EM-MD-120a.2
Carbon sequestered at major facilities (Tonnes) ⁶	56,007	54,634	68,919	N/A
Offsets generated (TonnesCO ₂ e) ⁷	40,822	49,967	72,766	N/A
Discussion of emissions management	Pages 23-24			EM-MD-120a.2

 Spills and environmental management	2019	2018	2017	SASB Code
Number of significant environmental fines ⁸	0	0	0	N/A
Number of hydrocarbon spills	5	3	7	EM-MD-160a.4
Aggregate volume of hydrocarbon spills (bbl) ⁹	184	12	47	EM-MD-160a.4
Volumes recovered (bbl) ¹⁰	150	9	41	EM-MD-160a.4
Volumes in unusually sensitive areas (bbl) ¹¹	0	0	0	EM-MD-160a.4
Volumes in the Arctic (bbl)	Not applicable to Keyera's operations			EM-MD-160a.4
Discussion of environmental management	Page 29-32			EM-MD-110a.2

¹ 2017 figure does not include our U.S. operations.

² 2017 and 2018 data has been updated from our 2019 Performance Summary.

³ Sulfur oxides are expressed as SO₂.

⁴ Does not include our U.S. operations. For context, our U.S. GHG represents only ~0.6% of our total GHG emissions.

⁵ 2017 and 2018 figures do not include our U.S. operations.

⁶ Represents CO₂ sequestered through acid gas injection (AGI) operations.

⁷ Refers to offsets in the form of Alberta government issued Emission Performance Credits. 2018 and 2019 figures reflect submitted offsets that are pending regulatory approval.

⁸ Defined as a penalty of more than \$10,000 USD.

⁹ Aggregate volume is the total estimated amount spilled, not reduced by hydrocarbon subsequently recovered, evaporated, or otherwise lost.

¹⁰ Volume of spilled hydrocarbons removed from the environment through short-term spill response activities.

¹¹ Unusually sensitive areas are identified in Canada as watercourses, waterbodies, or wetlands regulated under the provincial water act; Alberta Environment and Parks key wildlife layer mapping; Federal Aquatic Critical Habitat areas; Federal Emergency Order Habitat areas; Alberta Conservation Information Management System (AIMS) element occurrence and protected areas; Alberta Historical Resource Values. In United States, unusually sensitive areas are identified by the National Pipeline Mapping System of the Office of Pipeline Safety. Data expressed has been updated to include only off-lease releases.

 Integrity	2019	2018	2017	SASB Code
Pipeline incident ratio ¹²	0.34	0.18	0.17	N/A
Number of reportable pipeline incidents ¹³	2	1	1	EM-MD-540a.1
Percentage of natural gas pipelines inspected	5%	15%	4%	EM-MD-540a.2
Percentage of hazardous liquid pipelines inspected	17%	30%	11%	EM-MD-540a.2
Gas plant reliability ¹⁴	98.4%	98.5%	97.0%	N/A

 Water	2019	2018	2017	SASB Code
Percentage of water from water scarce areas ¹⁵	0%	0%	0%	EM-EP-140a.1
Total water withdrawn (m ³) ¹⁶	1,881,841	1,353,515	1,732,054	EM-EP-140a.1
Total water discharged (m ³) ¹⁷	15,611	24,215	18,853	EM-EP-140a.2
Fresh water consumed (m ³) ¹⁸	1,843,135	1,317,426	1,696,662	EM-EP-140a.1
Percentage of water recycled or reused ¹⁹	67%	71%	67%	EM-EP-140a.2
Keyera's CDP Water Security Response	Available on our Water page on Keyera.com			

Waste	2019	2018	2017	SASB Code
Total waste (Tonnes) ²⁰	1,430,922	1,505,044	1,211,776	EM-CM-150a.1
Total hazardous waste (Tonnes) ²¹	5,643	4,918	3,669	EM-CM-150a.1
Total non-hazardous waste (Tonnes) ²⁴	1,425,279	1,500,127	1,208,107	N/A
Total solid waste (Tonnes) ²²	32,897	20,781	72,217	N/A
Total liquid waste (Tonnes) ²³	1,398,025	1,484,263	1,139,560	N/A
Percentage of waste recycled/reused/treated ²⁴	10%	10%	17%	EM-CM-150a.1

¹² Refers to number of incidents per 1,000 kilometres (km) of total pipeline length.

¹³ Reportable incidents above are defined unrefined product release off lease or of more than 2 m³ on lease; substance release into a waterbody; pipeline release, break or hit, uncontrolled gas release of more than 30,000 m³; well flowing uncontrolled; fire caused by a flare or incinerator; fire causing a loss of more than 2 m³ of oil or 30,000 m³ of gas, or causing damage to a wellhead.

¹⁴ Reliability across all operated gas plants (including scheduled outages and turnarounds).

¹⁵ Water scarcity areas are defined as watersheds with an overall water risk rating of 3-5 as per WRI Aqueduct Water Atlas with oil & gas weighting scheme.

¹⁶ Water withdrawn from the environment via use of a regulatory authorization (e.g. Water Act License, Temporary Diversion License or authorized under EPEA approval). Sources include, but are not limited to: dugout, lake, wetland, watercourse, reservoir, ground water, and routine/permanent water withdrawn from municipal waterworks for industrial purposes.

¹⁷ Water sources identified in footnote 16 which are then discharged to the natural environment. Does not include water sent to injection wells or third-party disposal (reported under waste), discharge of industry runoff/stormwater or evaporated volumes.

¹⁸ Fresh water drawn from surface water or groundwater. Does not include brackish ground water or water from municipal licenses.

¹⁹ Total water recycled and reused / (total water recycled and reused + total water withdrawals) x 100, as per CDP 2019 guidance. Data has been updated.

²⁰ Waste is defined as an unwanted substance or mixture of substances that results from the construction, operation, abandonment, or reclamation of a facility, well site, pipeline or related infrastructure, equipment and activities.

²¹ Hazardous and non-hazardous waste is as defined by local jurisdiction where the waste is generated.

²² Solid waste is in a physical state that would pass paint filter test.

²³ Liquid waste includes sludges, emulsions, or liquid impacted wastes. Does not include gaseous or solid waste.

²⁴ Product that was reused, recycled or treated to reduce the hazard of the waste. Does not include waste that is stored or incinerated, nor does it include waste from remediated in situ, brines injected as part of salt cavern storage or produced water used for enhanced oil recovery.

 Safety of our people and operations	2019	2018	2017	SASB Code
Fatalities ²⁵	0	0	0	EM-RM-320a.1
Employee Total Recordable Injury Frequency (TRIF) ²⁶	1.13	0.52	1.45	EM-RM-320a.1
Contractor Total Recordable Injury Frequency (TRIF) ²⁶	0.80	1.03	0.71	EM-RM-320a.1
Employee Lost Time Injury Frequency (LTIF) ²⁷	0.09	0.00	0.34	N/A
Contractor Lost Time Injury Frequency (LTIF) ²⁷	0.00	0.21	0.12	N/A
Employee Motor Vehicle Incident Frequency (MVIF) ²⁸	2.07	1.47	1.16	EM-SV-320a.1
Number of emergency response trainings/drills ²⁹	111	112	121	N/A
Discussion of safety and emergency preparedness	Page 18			EM-MD-540a.4
Safety Certification	Page 19			
Keyera's Health, Safety and Environment Policy (applies to Keyera contractors and suppliers)				

 People and culture	2019	2018	2017	SASB Code
Total employees	1,074	1,040	1,000	N/A
Percentage of male employees	75%	76%	77%	N/A
Percentage of female employees	25%	24%	23%	N/A
Percentage of male leaders ³⁰	76%	77%	81%	N/A
Percentage of female leaders ³⁰	24%	23%	19%	N/A
Percentage of male executives ³¹	79%	86%	85%	N/A
Percentage of female executives ³¹	21%	14%	15%	N/A
Voluntary employee turnover ³²	3%	3%	2%	N/A
Employees who completed performance reviews	100%	94%	95%	N/A

 Community and Indigenous engagement	2019	2018	2017	SASB Code
Community investment spend (Thousands of Cdn dollars)	1,000	850	850	N/A
Employee volunteer hours	8,412	8,244	7,645	N/A
Value of employee volunteering during working hours (Thousands of Cdn dollars) ³³	464	463	420	N/A
Indigenous communities engaged with ^{34 35}	22	21	10	N/A

²⁵ Refers to workplace death involving an employee or contractor.

²⁶ Number of recordable injuries x 200,000 / total exposure hours.

²⁷ Number of lost time injuries x 200,000 / total exposure hours.

²⁸ Number of employee motor vehicle incidents / 1,000,000 km (over \$2,000 in damage).

²⁹ Includes full-scale exercises, tabletop exercises, training and refresher courses.

³⁰ Employees with direct reports.

³¹ Refers to employees at a Vice-President level or higher.

³² Does not include retirements.

³³ Number of volunteer hours times average hourly salary (salaried and hourly) for that year.

³⁴ 'Engaged' is defined as project consultation, business involvement and/or community investment.

³⁵ 2019 figure has been updated from our 2019 Performance Summary.

Business ethics	2019	2018	2017	SASB Code
Total monetary losses as a result of legal proceedings associated with federal pipeline and storage regulations	0	0	0	EM-MD-520a.1
Code of Business Conduct (extends to contractors and suppliers)				
Whistleblower Policy and call line				

Governance	2019	2018	2017	SASB Code
Independent directors ³⁶	90%	80%	80%	N/A
Board committee independence	100%	100%	100%	N/A
Lead independent director	Yes	Yes	Yes	N/A
Women on board ³⁷	33%	33%	33%	N/A
Average board meeting attendance	98%	100%	98%	N/A
Say on Pay	Yes	Yes	Yes	N/A
Say on Pay results	98.04%	97.84%	98.52%	N/A
Majority voting policy	Yes	Yes	Yes	N/A
Board training & annual evaluation	Yes	Yes	Yes	N/A
Board ESG oversight	Yes	Yes	Yes	N/A
Management Information Circular				

Economics	2019	2018	2017	SASB Code
Net earnings (Thousands of Cdn dollars) ³⁸	443,609	402,828	289,920	N/A
Adjusted EBITDA (Thousands of Cdn dollars) ³⁹	944,101	807,363	617,015	N/A
Distributable cash flow (Thousands of Cdn dollars) ³⁹	593,584	638,124	510,434	N/A
Taxes paid to government (Thousands of Cdn dollars)	97,435	32,109	6,176	N/A

³⁶ Our Board Chair, Jim Bertram, is considered independent under Canadian securities rules effective January 1, 2019. Due to his prior role as an executive officer of Keyera until June 1, 2016, Mr. Bertram was not considered independent prior to this time.

³⁷ Above percentages includes all directors except Keyera CEO, David Smith.

³⁸ Net earnings for the year ended December 31, 2018 have been restated. See Keyera's [2019 Year End Report](#) for details.

³⁹ Adjusted EBITDA and distributable cash flow are Non-GAAP financial measures, please refer to pages 43 and 44 of Keyera's [2019 Year End Report](#) dated February 26, 2020, available on SEDAR at <https://www.sedar.com/>, for further information on these Non-GAAP Measures and for a reconciliation of Adjusted EBITDA and distributable cash flow to its most closely related GAAP measure.