

# Performance Data

These tables include our quantitative environmental, safety, governance and social performance data for Enbridge in 2017 and 2018. Prior year performance for Enbridge and Spectra Energy [can be found here](#).

Health and Safety			
Occupational Health and Safety	2017	2018	
Personal injuries and illnesses	Number of employee hours worked	26,339,414.88	23,122,344.56
	Number of employee days away incidents	21	18
	Employee days away restrictions and transfers frequency <sup>1</sup>	0.41	0.33
	Number of employee days away	552	371
	Employee days away incident severity <sup>2</sup>	4.19	3.21
	Number of employee recordable incidents	95	80
	Employee total recordable incident frequency <sup>3</sup>	0.72	0.69
	Number of contractor hours worked	42,668,255.79	43,573,070.20
	Number of contractor days away incidents	26	31
	Contractor days away restrictions and transfers frequency <sup>1</sup>	0.12	0.14
	Number of contractor recordable incidents	168	120
	Contractor total recordable incident frequency <sup>3</sup>	0.79	0.55
	Absenteeism	Number of employees	12,744
Number of days absent		64,867.90	49,108.84
Absenteeism <sup>4</sup>		5.09	4.20
Employee motor vehicle incidents	Number of kilometers driven	126,369,086.29	117,691,222.52
	Number of contributory motor vehicle incidents	163	150
	Contributory motor vehicle incident frequency <sup>5</sup>	1.29	1.27
Total annual safety observations	48,157	114,225	
Employee fatalities	0	1	

<sup>1</sup> Days away injuries/200,000 hours worked.

<sup>2</sup> Total number of lost days from injury or illness x 200,000/total hours worked.

<sup>3</sup> Total recordable incident frequency is the # of recordable incidents x 200,000/hours worked.

<sup>4</sup> Number of days absent per employee.

<sup>5</sup> Motor vehicle incident frequency is the # of contributory incidents x 1,000,000/kms driven.

## Asset Integrity

### Number and Volume of Reportable Process Safety Incidents (Tier 1 and Tier 2), and Volume of Reportable Off-Property Spills, on all Enbridge's Liquids Systems

	2017	2018
Total number of reportable liquids spills <sup>1</sup>	13	14
Reportable Tier 1 and 2 process safety events (liquids and liquids systems)	34	26
Volume of reportable liquids spills <sup>1,2</sup> (barrels)	8,470	411
Volume of reportable off-property spills <sup>1</sup> (barrels)	7,086	157

### Reportable and Tier 1 Process Safety Events Involving Natural Gas

	2017	2018
Reportable (Tier 1 and Tier 2) process safety events	34	26
Tier 1 process safety events	6	14

<sup>1</sup>"Number of reportable liquids spills", "Volume of reportable liquids spills (barrels)" and "Volume of reportable off-property spills (barrels)" are subsets of both the "Reportable (Tier 1 and Tier 2) Process Safety Event—Liquids Service" category and of the "Tier 1 Process Safety Events—Liquids Service" category.

<sup>2</sup>Includes volumes released off-site of Enbridge's property.

## Emergency Preparedness and Response

Percentage of Required* Emergency Response Exercises Completed	2017	2018
LP <sup>1</sup>	201%	203%
GTM	98%	114%
GDS	147%	133%

\* Required by regulations or the business unit program.

<sup>1</sup>As part of our stakeholder engagement and commitment to emergency preparedness and response, LP completes a large number of equipment deployments beyond what would be required formally under our emergency response exercises.

<b>Environmental<sup>1</sup></b>		<b>2017</b>	<b>2018</b>
<b>Greenhouse Gases (operational control basis)</b>			
<b>Business Unit Direct GHG emissions (Scope 1)</b> <i>(tCO<sub>2</sub>e)</i>			
LP		21,000	18,000
GTM		9,392,000	9,789,000
GDS		797,000	869,000
Power Operations		200	200
Corporate Services		4,400	4,200
<b>Business Unit Indirect GHG emissions (Scope 2)</b> <i>(tCO<sub>2</sub>e)</i>			
LP		5,395,000	5,813,000
GTM		1,032,000	972,000
GDS		2,600	2,300
Power Operations		600	400
Corporate Services		6,100	7,300
<b>Criteria Air Contaminants</b>			
<b>Business Unit Criteria Air Contaminants</b> <i>(tonnes)</i>			
LP	NOx (as NO <sub>2</sub> )	38	37
	SO <sub>2</sub>	0	0
	VOCs	3,432	3,263
	PM2.5	55	55
	PM10	513	514
	TPM	1,968	1,968
	CO	2	1
GTM	NOx (as NO <sub>2</sub> )	16,455	16,730
	SO <sub>2</sub>	8,484	6,757
	VOCs	2,487	1,503
	PM2.5	206	243
	PM10	199	239
	TPM	175	259
	CO	7,623	6,810
<b>Business Unit Criteria Air Contaminants</b> <i>(tonnes)</i>			
GDS	NOx (as NO <sub>2</sub> )	612	821
	SO <sub>2</sub>	0	0
	VOCs	36	37
	PM2.5	2	2
	PM10	2	2
	TPM	1	1
	CO	279	310

<sup>1</sup>Business unit environmental performance data may not equal totals due to rounding.

Environmental <sup>1</sup>		2017	2018	
<b>Business Unit Energy Usage</b> (Gigajoules)				
LP	Fuel	305,000	265,000	
	Electricity	34,032,000	36,661,000	
	Fuel + Electricity	34,337,000	36,927,000	
GTM	Fuel	121,839,000	115,086,000	
	Electricity	7,526,000	7,606,000	
	Fuel + Electricity	129,364,000	122,692,000	
GDS	Fuel	EGD	941,000	953,000
		Union Gas	4,777,000	6,187,000
	Electricity	EGD	60,000	56,000
		Union Gas	149,000	138,000
	Fuel + Electricity	Total Utilities	5,927,000	7,334,000
Power Operation	Fuel	3,000	3,000	
	Electricity	9,000	8,000	
	Fuel + Electricity	12,000	11,000	
Corporate Services	Fuel	Company Offices and Aircraft	73,000	71,000
	Electricity		44,000	50,000
	Fuel + Electricity		117,000	121,000

<sup>1</sup> Business unit environmental performance data may not equal totals due to rounding.

Social		2017	2018		
<b>Workforce</b>					
		Female	Male	Female	Male
Permanent employees (full and part time) by level and gender	CEO	0	1	0	1
	Executive leadership	2	6	1	6
	VP	17	60	17	55
	Director	71	209	72	180
	Manager	73	190	222	596
	Supervisor/team lead	767	1,964	801	2,069
	Individual contributor	2,899	6,485	2,429	5,253
		Female	Male	Female	Male
Return to work and retention rates following parental leave	Number of employees who took parental leave	131	27	130	32
	Number of employees who returned to work to work following parental leave and who were still employed 12 month following	135	19	85	26
		Total 2017		Total 2018	
Male to female salary ratios of each level (base salary)	Level 1	99.26%		97.02%	
	Level 2	101.67%		99.89%	
	Level 3	99.75%		102.07%	
	Level 4	103.53%		101.61%	
	Level 5	102.29%		103.13%	
	Level 6/7	102.86%		103.78%	

Social		2017		2018	
Workforce					
		Female	Male	Female	Male
Employee age profile	Up to 30	467	1,077	399	923
	31 to 40	1,108	2,688	1,008	2,557
	41 to 50	1,076	2,288	1,016	2,141
	51 to 60	986	2,267	939	2,011
	61 and above	192	595	180	528
Total compensation (millions)	Non-management level (base salary only)	91,267	107,597	95,574	111,924
	Management level (base salary only)	180,643	186,735	186,300	193,090
	Management level (base salary plus other cash incentives)	218,371	226,146	227,951	236,253
	Director and above (base salary only)	268,432	320,205	298,118	327,380
		Total 2017	Total 2018		
Net employment creation for permanent employees	Employee headcount	12,744		11,702	
	Net employment creation	-961		-1,042	
	Net employment creation (as a percentage)	-7.0%		-8.2%	
Employee turnover rate	Total employee turnover rate	11.3%		11.5%	
	Voluntary employee turnover rate	3.9%		5.1%	
Total compensation paid to regular full time and part time employees (millions)	Salary/wages	732		1,306	
	Pension and benefits	213		387	
	Short term incentive program	109		173	
	Long term incentive program	70		92	
	Total	\$1,124		\$1,958	
Compensation (US\$)	Total compensation of President and Chief Executive Officer to the average annual total compensation for all other employees, excluding the President and Chief Executive Officer	\$12,526,905/\$121,907		\$9,530,194/\$111,341	
	Projected benefit obligation of defined benefit pension at year end	\$5,312,000,000		\$5,211,000,000	
	Fair value of plan assets of defined benefit pension plans at year end	\$4,716,000,000		\$4,568,000,000	
	Amount spent towards employee defined contribution pension plans	\$26,000,000		\$30,000,000	
Employee Profile	Number of permanent employees at year end	12,948		11,906	
	Canada	8,738		8,541	
	U.S.	4,210		3,365	
	Number of female employees	3,829		3,542	
	Women represented in total workforce	30.0%		30.3%	
	Canada	22.9%		24.2%	
	U.S.	7.1%		6.1%	
	Women in first-line management positions	28.1%		27.9%	
	Women in management workforce	26.5%		27.5%	
	Women in top management positions	22.4%		22.8%	

Permanent Employee Age Demographics	Up to 30	12.1%	11.3%
	31-40	29.8%	30.5%
	41-50	26.4%	27.0%
	51-60	25.3%	25.2%
	60 and above	6.2%	6.1%
	Permanent employees covered by negotiated collective agreements	15.8%	17.0%
Amount invested per employee in training		\$1,071	\$1,316

Supply Chain		2017	2018
Good and services spending (billions of dollars)		11.6	11.0
	Canada	44%	32%
	U.S.	56%	68%
	Europe, Asia, Australia and South America	<1%	<1%
Indigenous spend <sup>3</sup> (millions of dollars)			
	LP	136.2	324.6
	GTM	70.1	60.8
	GDS	10.5	8.2
Steel pipe purchased/percent sourced from recycled steel (tonnes)			
	LP	119,200/95%	77,469/97%
	GTM <sup>4</sup>		19,517/35%
GDS	EGD	1,624/89%	389/97%
	Union Gas	12,130/12%	7,047/82%

<sup>1</sup> Reflects Spectra Energy and Enbridge assets as a combined company.

<sup>2</sup> Figures are as at conclusion of Enbridge's 2018 and 2019 Annual General Meetings, respectively.

<sup>3</sup> Includes wages, subcontractor spend, etc.

<sup>4</sup> GTM spend in 2017 is combined under LP. For 2018, this has been separated to align with our current business model.