Imperial is committed to providing our shareholders and stakeholders with meaningful information about our business. Our sustainability performance table and metrics include environmental, social and governance data up to year-end 2020

2020 performance data

2020 performance data					
Environment ¹	2016	2017	2018	2019	2020
Air emissions					
Sulphur oxides (expressed as SO2 - thousand metric tonnes/year)	21.4	20.9	24.0	23.3	19.1
Nitrogen oxides (thousand metric tonnes/year)	15.9	16.5	17.7	18.3	16.4
Volatile organic compounds (thousand metric tonnes/year)	10.5	10.4	10.7	9.6	10.9
Particulate Matter (PM10) (thousand metric tonnes/year)	5.9	8.9	8.3	9.6	7.8
GHG emissions and energy consumption ²					
Direct GHG emissions - including Cogen	4.0	4 7	4 7	4.4	4.7
Downstream & Chemical (<i>million metric tonnes of CO</i> ₂ e)	4.8	4.7	4.7	4.4	4.6
Carbon dioxide emissions (<i>million metric tonnes</i>) Methane emissions (<i>million metric tonnes</i>)	4.8	4.6	4.6	4.4	4.5
Nitrous oxide emissions (million metric tonnes)	0.001 0.0001	0.0011	0.0011	0.0012	0.0011
Upstream (million metric tonnes of CO $_2$ e)	8.2	8.4	8.4	8.7	8.4
Carbon dioxide emissions (<i>million metric tonnes</i>) ³	8	8.2			
Methane emissions (million metric tonnes)	0.0023	0.0018	8.3 0.0017	8.6 0.0020	8.4 0.0010
Nitrous oxide emissions (million metric tonnes)	0.0023	0.0018	0.0017	0.0020	0.0010
Operated oil sands (million metric tonnes of CO_2e)	8.1	8.3	8.4	8.6	8.4
Carbon dioxide emissions (<i>million metric tonnes</i>) ³	8			8.5	8.3
Methane emissions (million metric tonnes)	0.002	8.2 0.0017	8.3 0.0016	0.0017	0.0010
Nitrous oxide emissions (million metric tonnes)	0.002	0.0017	0.0018	0.0017	0.0010
Imported electricity and associated indirect GHG emissions	0.0005	3.0003	5.0005	3.0001	3.0001
Downstream & Chemical - imported electricity (million MWhr)	1.07	1.04	1.09	1.09	1.07
Downstream & Chemical - associated indirect GHG emissions (million metric tonnes of CO $_2$ e)	0.39	0.39	0.40	0.40	0.40
Upstream - imported electricity (million MWhr)	0.83	0.92	0.95	1.07	1.05
Upstream - associated indirect GHG emissions (million metric tonnes of CO $_2$ e)	0.31	0.34	0.35	0.39	0.39
Operated oil sands - imported electricity (<i>million MWhr</i>)	0.83	0.92	0.94	1.07	1.05
Operated oil sands - associated indirect GHG emissions (million metric tonnes of CO $_2$ e)	0.31	0.34	0.35	0.39	0.39
Exported electricity and associated GHG emissions					
Downstream & Chemical - exported electricity (<i>million MWhr</i>)	0	0	0	0	0.01
Downstream & Chemical - associated GHG emissions (million metric tonnes of CO 2 e)	0	0	0	0	0
Upstream - exported electricity (million MWhr)	1.48	1.45	1.55	1.50	1.45
Upstream - associated GHG emissions (million metric tonnes of CO $_2$ e)	0.55	0.54	0.57	0.56	0.54
Operated oil sands - exported electricity (million MWhr)	1.47	1.45	1.55	1.49	1.45
Operated oil sands - associated GHG emissions (million metric tonnes of CO $_2\mathrm{e}$)	0.55	0.53	0.57	0.55	0.54
GHG emissions ⁴					
Downstream & Chemical (<i>million metric tonnes of CO</i> ₂ e)	5.2	5.1	5.1	4.9	5.0
Upstream (million metric tonnes of CO $_2$ e)	7.9	8.2	8.2	8.5	8.3
Operated oil sands (million metric tonnes of CO_2e)	7.8	8.2	8.2	8.4	8.2
Production/throughput	, .0	0.2	0.2	J	U.L
Downstream & Chemical - refining throughput (<i>million</i> m ³) ⁵	21	22	23	20	20
Upstream - production (<i>million m</i> ³) ⁶	21	21	22	21	22
Operated oil sands - production $(million m^3)^7$	20	21	21	21	22
GHG emissions intensity ⁸	20				
Downstream & Chemical (metric tonnes of CO 2 e/m ³ refining throughput) ⁵	0.25	0.23	0.22	0.24	0.25
Upstream (metric tonnes of CO $_2$ e/m 3 upstream production) 6	0.38	0.39	0.38	0.40	0.38
Operated oil sands (metric tonnes of CO $_2$ e/m 3 upstream production) $^\prime$	0.39	0.39	0.38	0.40	0.38
Total energy use (million gigajoules)	220	223	0.38	227	225
Fuels refining Solomon Ell® - normalized versus 1990 ⁹	0.808	0.804	0.79	0.809	0.822
Flaring and venting	0.000	0.004	0.77	0.007	0.022
Hydrocarbon flaring - company total (<i>million cubic feet per day</i>)	5.8	5.5	5.9	6.2	4.9
Gas (hydrocarbon) flaring from oil production (million cubic feet per day)	3.9	3.5	3.1	2.8	2.6
Water consumption					
Freshwater consumption					
Downstream & Chemical (million m ³ of fresh water consumed)	10.4	9.9	10.1	9.8	9.8

Feel Marcian Contamination Intensity "Deconstration Contamination Co	Upstream (million m ³ of fresh water consumed)	30.2	32.6	35.2	39.3	43.0
Policy mistream & Chemical (m. of friend water consumed/m. prefining throughput) 0,46 0,45 0,46 0,48 0,						
Complaine 1.46 1.56 1.63 1.83 1.95 Complaine Volume of product from oil and chemical spills (total number) > 1 bernel 4 4 1 3 1 2 Volume of product from oil and chemical spills (branes) 6.2 11.4 231 40.0 136 Environmental inces and penalties (thousand's offeriles) ¹⁰ 33 812 400 13.0 Waste monagene Very Maste monagene 1 8 20.9 8.0 22.2 4.7 Hazardous wested disposed from operations (thousand tronnes) 1 8 20.9 8.0 20.2 2.4 Hazardous wested disposed from operations (thousand tronnes) 1 8 20.9 8.0 20.0 2.0 4.4 Hazardous wested disposed from operations (thousand tronnes) 1 8.0 20.9 8.0 8.0 8.0 8.0 8.0 9.0 2.0 4.4 1.0 1.0 2.0 4.0 2.0 4.4 1.0 1.0 2.0 2.0 2.0 2.0 <t< td=""><td></td><td>0.49</td><td>0.45</td><td>0.44</td><td>0.48</td><td>0.50</td></t<>		0.49	0.45	0.44	0.48	0.50
A	⁶ Upstream (m ³ of fresh water consumed/m ³ upstream production)	1.46	1.56	1.63	1.83	1.95
Name of product from oil and chemical spills (barries) 10 10 10 10 10 10 10 1	Compliance					
Number of feminomental lococedance incidents 10 10 10 10 10 10 10 1		4	4	13	10	7
Name Part	Volume of product from oil and chemical spills (barrels)	62	114	231	402	136
Marster management	Number of environmental exceedance incidents	10	9	9	11	18
Hazardous waste disposed from operations (thousand tonnes)	Environmental fines and penalties (thousands of dollars) ¹⁰	\$37	\$813	\$812	\$406	\$0
Pasarandious weste - external beneficial reuse (thousand ronnes) 5.1 6.9 3.3 9.2 6.4 Investments 2016 2017 2018 2019 2020 Gross research expenditures, before credits (millions of dollars) 5.70 5.70 5.70 5.70 5.70 5.70 Environmental expenditures (millions of dollars) 2016 2017 2018 2019 2020 Capital and exploration expenditures (billions of dollars) 5.70 5.70 5.70 5.70 5.70 5.70 Capital and exploration expenditures (billions of dollars) 5.70 5.70 5.70 5.70 5.70 5.70 5.70 Capital and exploration expenditures (billions of dollars) 5.70 5.70 5.70 5.70 5.70 5.70 5.70 Capital and exploration expenditures (billions of dollars) 5.70 5.						
		10.8	20.9	34.0	28.2	24.7
Section Sect	Hazardous waste - external beneficial reuse (thousand tonnes)	5.1	6.9	3.3	9.2	6.4
Environmental expenditures (millions of dollars) 400 4	Investments	2016	2017	2018	2019	2020
Capital and exploration expenditures (billions of dollars) \$1.2 \$0.7 \$1.4 \$1.8 \$0.9 \$1	Gross research expenditures, before credits (millions of dollars)	\$195	\$154	\$150	\$170	\$140
Payments for goods and services (billions of dollars) \$12, \$17, \$14, \$18, \$19, \$19, \$19, \$19, \$19, \$19, \$19, \$19	Environmental expenditures (<i>millions of dollars</i>)	\$700	\$600	\$600	\$800	\$600
Payments for goods and services (billions of dollars, approximate)		2016	2017	2018	2019	2020
Taxes and royalties to government (billions of dollars) \$1.00 \$1			\$0.7	\$1.4		
Employment State of the life (billions of dollars) \$1.40 \$1.30 \$1.48 \$1.50 Education assistance program (thousands of dollars) \$6.85 \$588 \$588 \$700 \$6.03 Scholarships for employee dependents (millions of dollars) \$1.90 \$2.00 \$1.80 \$1.85 \$1.90 Number of regular employees at year end 12 \$2.00 \$2.51 \$6.00 \$2.01 \$2.00	Payments for goods and services (billions of dollars, approximate) ¹¹	\$8.00	\$5.50	\$4.72	\$5.26	\$3.29
Wages and benefits (billions of dollars) \$1.40 \$1.40 \$1.30 \$1.40 \$1.30 \$1.40 \$1.30 \$1.50 \$2.00 \$1.80 \$2.00 \$1.80 \$2.00 \$1.80 \$1.90 \$2.00 \$1.80 \$1.90 \$1.80 \$1.90 \$1.80 \$1.90 \$1.80 \$1.90 \$1.80 \$1.80 \$1.90 \$1.80 \$1.80 \$1.80 \$1.90 \$1.80 \$2.00 \$2.10 \$1.10 \$1.12 \$1.80 \$1.20 \$1.80 \$1.20 \$1.80 \$1.20 \$1.80 \$1.20 \$1.80 \$1.20 \$1.80 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20	Taxes and royalties to government (billions of dollars)	\$5.20	\$5.10	\$5.60*	\$6.14	\$4.30
Education assistance program (thousands of dollars) \$685 \$588 \$588 \$760 \$603 \$1.05 \$1.						
Scholarships for employee dependents (millions of dollars) \$1.90 \$1.90 \$1.80 \$1.85 \$1.97 Number of regular employees at year end ¹³ 5,006 5,523 5,687 6,693 23.1 Percentage of women at year end ¹³ 25.0 25.0 21.0 28.0 23.2 Percentage of persons with disabilities at year end ¹³ 11.2 12.0 28.0 28.0 35.0 Percentage of persons with disabilities at year end ¹³ 10.0 9.0 24.0 38.0 35.0 Percentage of Indigenous businesses (direct and subcontracted) (millions of dollars) \$2.5 \$20.0 \$25.0 \$3.0 \$3.6 <						
Number of regular employees at year end 2	· -					
Percentage of women at year end 25.0 25.1 24.0 23.8 23.2 Percentage of visible minorities at year end¹³ 11.2 11.2 12.8 12.8 12.9 Percentage of persons with disabilities at year end¹³ 10.0 0.9 2.4 3.8 3.5 Indigenous S25 \$200 \$25 \$370 \$35 Percentage of Indigenous businesses (direct and subcontracted) (milions of dollars) \$225 \$200 \$25 \$370 \$35 Percentage of Indigenous Peoples at year end¹³ 3.9 3.9 3.6 3.6 3.7 Community engagement ¹² 2016 2017 2018 2019 2020 Community investment (milions of dollars) \$7,927 6,765 3,598 14,38 5,15 Hours woll inteed May - Centraide campaigns (millions of dollars)¹¹6 \$4.2 3.6 3.2 \$3.1 \$3.1 Safety 2016 2017 2018 2019 2020 \$3.3 \$3.1 Safety 2016 0.0 0 0 0		\$1.90		\$1.88	\$1.85	
Percentage of visible minorities at year end 3		5,706	5,523	5,687	6,049	5,711
Percentage of persons with disabilities at year end ¹³ 1.0 0.9 2.4 3.8 3.5 Indigenous Indigenous Seponding with Indigenous businesses (direct and subcontracted) (millions of dollars) \$225 \$200 \$250 \$370 \$35 Percentage of Indigenous Peoples at year end ¹³ 201 201		25.0	25.1	24.0	23.8	23.2
Indigenous Spending with Indigenous businesses (direct and subcontracted) (millions of dollars) \$225 \$200 \$250 \$370 \$335 Percentage of Indigenous Peoples at year end ¹³ 3.9 3.9 3.6 3.6 3.7 Community engagement ¹⁴ 2016 2017 2018 2019 2020 Community investment (millions of dollars) \$21.2 \$16.0 \$17.2 \$15.3 \$15.4 Hours volunteered ¹⁵ 7,927 6,765 3.598 14,381 5,105 Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Fatalities – employees and contractors 0		11.2	11.2	12.8	12.8	12.9
Spending with Indigenous businesses (direct and subcontracted) (millions of dollars) \$225 \$200 \$250 \$370 \$335 Percentage of Indigenous Peoples at year end ¹³ 3,9 3,9 3,6 3,6 3,7 Community engagement ¹⁴ 2016 2017 2018 2019 2020 Community investment (millions of dollars) \$21.2 \$16.0 \$17.2 \$15.3 \$15.4 Hours volunteered ¹⁵ 7,927 6,765 3,598 14,381 5,105 Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Fatalities – employees and contractors 0 0 0 0 0 Lost-time incident frequency – employees per 200,000 hours worked 0.01 0.04 0.03 0.01 0.04 Lost-time incident frequency – workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Lost-time incident frequency – employees per 200,000 hours worked 0.08 <td>Percentage of persons with disabilities at year end¹³</td> <td>1.0</td> <td>0.9</td> <td>2.4</td> <td>3.8</td> <td>3.5</td>	Percentage of persons with disabilities at year end ¹³	1.0	0.9	2.4	3.8	3.5
Percentage of Indigenous Peoples at year end ¹³ 3.9 3.9 3.6 3.6 3.7 Community engagement ¹⁴ 2016 2017 2018 2019 2020 Community investment (millions of dollars) \$21.2 \$16.0 \$17.2 \$15.3 \$15.4 Hours volunteered ¹⁵ 7,927 6,765 3,598 14,381 5,105 Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Lost-time incident frequency – employees per 200,000 hours worked 0 0 0 0 0 Lost-time incident frequency – workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Lost-time incident frequency – employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.05 Lost-time incident frequency – employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.05 Lost-time incident frequency – employees per 200,000 hours worked <t< td=""><td>Indigenous</td><td></td><td></td><td></td><td></td><td></td></t<>	Indigenous					
Community engagement ¹⁴ 2016 2017 2018 2019 2020 Community investment (millions of dollars) \$21.2 \$16.0 \$17.2 \$15.3 \$15.4 Hours volunteered ¹⁵ 7,927 6,765 3,598 14,381 5,105 Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Fatalities - employees and contractors 0 0 0 0 0 Lost-time incident frequency - employees per 200,000 hours worked 0.01 0.04 0.03 0.01 0.04 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.08 0.15 0.13 0.09 0.0 Total recordable incident frequency - contractors per 200,000 hours worked 0.08 0.15 0.13 0.09 0.24 Total recordable incident frequency - workforce per 200,000 hours worked		\$225	\$200	\$250	\$370	\$335
Community investment (millions of dollars) \$21.2 \$16.0 \$17.2 \$15.3 \$15.4 Hours volunteered ¹⁵ 7,927 6,765 3,598 14,381 5,105 Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Fatalities - employees and contractors 0 0 0 0 0 Lost-time incident frequency - employees per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.04 0.04 Lost-time incident frequency - employees per 200,000 hours worked 0.01 0.03 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency - contractors per 200,000 hours worked 0.39 0.36 0.34 0.34 Total recordable incident frequency - workforce per 200,000 hours worked	Percentage of Indigenous Peoples at year end ¹³	3.9	3.9	3.6	3.6	3.7
Hours volunteered 15 7,927 6,765 3,598 14,381 5,105 Contributions to United Way - Centraide campaigns (millions of dollars) 16 \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Eatalities - employees and contractors 0 0 0 0 0 0 Lost-time incident frequency - employees per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency - employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency - employees per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency - workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate - per million hours worked 0.21 0 0.06 0.12 0.09 Cor	Community engagement ¹⁴	2016	2017	2018	2019	2020
Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Fatalities - employees and contractors 0 0 0 0 0 Lost-time incident frequency - employees per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency - employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency - workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate - per million hours worked 0.31 0.29 0.44 0.25 0.25 <tr< td=""><td>Community investment (millions of dollars)</td><td>\$21.2</td><td>\$16.0</td><td>\$17.2</td><td>\$15.3</td><td>\$15.4</td></tr<>	Community investment (millions of dollars)	\$21.2	\$16.0	\$17.2	\$15.3	\$15.4
Contributions to United Way - Centraide campaigns (millions of dollars) ¹⁶ \$4.2 \$3.6 \$3.2 \$3.3 \$3.1 Safety 2016 2017 2018 2019 2020 Fatalities - employees and contractors 0 0 0 0 0 Lost-time incident frequency - employees per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.05 0.05 Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency - employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency - workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate - per million hours worked 0.31 0.29 0.44 0.25 0.25 <tr< td=""><td>Hours volunteered¹⁵</td><td>7,927</td><td>6,765</td><td>3,598</td><td>14,381</td><td>5,105</td></tr<>	Hours volunteered ¹⁵	7,927	6,765	3,598	14,381	5,105
Fatalities – employees and contractors 0 0 0 0 0 Lost-time incident frequency – employees per 200,000 hours worked 0 0.01 0.03 0.01 0.04 Lost-time incident frequency – contractors per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency – workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency – employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency – contractors per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency – workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate – per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate – per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corpo	Contributions to United Way - Centraide campaigns (<i>millions of dollars</i>) ¹⁶	\$4.2	\$3.6	\$3.2	\$3.3	\$3.1
Lost-time incident frequency – employees per 200,000 hours worked 0 0.01 0.03 0.01 0.04 Lost-time incident frequency – contractors per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency – workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency – employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency – contractors per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency – workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate – per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate – per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸	Safety	2016	2017	2018	2019	2020
Lost-time incident frequency – contractors per 200,000 hours worked 0.01 0.04 0.03 0.05 0.05 Lost-time incident frequency – workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency – employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency – contractors per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency – workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate – per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate – per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734	Fatalities – employees and contractors	0	0	0	0	0
Lost-time incident frequency - workforce per 200,000 hours worked 0.01 0.03 0.03 0.04 0.04 Total recordable incident frequency - employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency - contractors per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency - workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate - per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate - per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734	Lost-time incident frequency – employees per 200,000 hours worked	0	0.01	0.03	0.01	0.04
Total recordable incident frequency – employees per 200,000 hours worked 0.08 0.15 0.13 0.09 0.20 Total recordable incident frequency – contractors per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency – workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate – per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate – per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734	Lost-time incident frequency – contractors per 200,000 hours worked	0.01	0.04	0.03	0.05	0.05
Total recordable incident frequency – contractors per 200,000 hours worked 0.39 0.36 0.36 0.34 0.34 Total recordable incident frequency – workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate – per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate – per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734	Lost-time incident frequency - workforce per 200,000 hours worked	0.01	0.03	0.03	0.04	0.04
Total recordable incident frequency - workforce per 200,000 hours worked 0.26 0.26 0.27 0.25 0.27 Tier 1 Process Safety event rate - per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate - per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734	Total recordable incident frequency – employees per 200,000 hours worked	0.08	0.15	0.13	0.09	0.20
Tier 1 Process Safety event rate - per million hours worked 0.21 0 0.06 0.12 0.09 Tier 2 Process Safety event rate - per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734	Total recordable incident frequency – contractors per 200,000 hours worked	0.39	0.36	0.36	0.34	0.34
Tier 2 Process Safety event rate - per million hours worked 0.31 0.29 0.44 0.25 0.25 Corporate governance 2016 2017 2018 2019 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734				0.27		
Corporate governance 2016 2017 2018 2019 Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734						
Corporate political contributions (thousands of dollars) ¹⁷ \$61 \$24 \$0 \$0 \$0 Common shares outstanding (millions of shares) ¹⁸ 848 831 783 744 734						0.25
Common shares outstanding (<i>millions of shares</i>) ¹⁸ 848 831 783 744 734		2016	2017	2018		
10		\$61	\$24	\$0	\$0	\$0
Dividends paid (<i>millions of dollars</i>) ¹⁸ \$492 \$524 \$572 \$631 \$649		848	831	783	744	734
	Dividends paid (millions of dollars) ¹⁸	\$492	\$524	\$572	\$631	\$649

Note: Adjustments may have been made to some data points to reflect internal updates. All references to financial information is in Canadian dollars.

(3) Excluding CO2 emissions from biomass.

⁽¹⁾ Some uncertainty exists in performance data, depending on measurement methods. Data in the report and performance data table represent the best available information at the time of publication. Data represents Imperial owned and operated assets (including 100% Kearl, Cold Lake and Norman Wells; excluding ExxonMobil Canada, XTO Canada and Syncrude). Retail stations (sold in 2016) and other assets that were divested between 2016-2020 are not included.

⁽²⁾ Greenhouse Gas (GHG) emissions were quantified based on applicable provincal and federal regulations. Imported/exported electricity GHG emission factor (0.37 tonnes CO2e/MWhr) consistent with the benchmark established for electricity from 2019 CCIR (Carbon Competitiveness Incentive Regulation) and OBPS (Output Based Pricing System)

- (4) GHG emissions calculated as sum of direct emissions and emissions associated with imported electricity less (minus) emissions associated with exported electricity.
- (5) Throughput basis: Refinery throughput is the volume of crude oil and feedstocks that is processed in the refinery atmospheric distillation units
- (6) Production basis: Represents bitumen/crude production at Kearl, Cold lake and Norman wells; Kearl and Cold lake production basis same as reported under Alberta greenhouse gas emissions regulation.
- (7) Production basis: Operated oil sands (Kearl and Cold lake) production basis same as reported under Alberta greenhouse gas emissions regulation.
- (8) GHG emissions intensity is the ratio of GHG emissions to production or throughput.
- (9) Solomon EII® is a measure of energy efficiency for petroleum refineries. A lower energy intensity index number indicates a more energy-efficient facility
- (10) Environmental fines and penalties:
- 2016 penalty for release to the St. Clair river
- 2017 penalty for 2014 release to air from flare line in Sarnia
- 2018 penalty for 2015 release to air incident in Sarnia
- 2019 penalty for 2016 release to the St. Clair river
- (11) Includes spending for Imperial and ExxonMobil companies in Canada. 2018, 2019 and 2020 excludes spending for ExxonMobil Canada East.
- (12) All Imperial employees as of December 31, 2020.
- (13) Statistics are collected from self-identification questionnaires.
- (14) Values reported using the London Benchmark Group Model the global standard for measuringand reporting community investment.
- (15) ImPACT program initiated in 2019 improving reporting capabilities. Imperial's 2020 volunteer hours impacted by COVID 19 restrictions
- (16) Represents combined donations from the company, employees and retirees.
- (17) Imperial no longer makes political contributions as on January 1, 2018.
- (18) For complete disclosure and additional information, see the 2020 Annual financial statements and management discussion and analysis.