

IMPERIAL OIL LTD  
Form 10-K  
February 24, 2016  
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

**FORM 10-K**

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15 (d) OF THE

SECURITIES EXCHANGE ACT OF 1934

For the fiscal year-ended December 31, 2015

Commission file number: 0-12014

IMPERIAL OIL LIMITED

(Exact name of registrant as specified in its charter)

CANADA

(State or other jurisdiction of  
incorporation or organization)

98-0017682

(I.R.S. Employer  
Identification No.)

505 QUARRY PARK BOULEVARD S.E., CALGARY, AB, CANADA

(Address of principal executive offices)

T2C 5N1

(Postal Code)

Registrant's telephone number, including area code:

1-800-567-3776

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
None	None

Securities registered pursuant to Section 12(g) of the Act:

Common Shares (without par value)

(Title of Class)

Indicate by check mark if the registrant is a well-known seasoned issuer (as defined in Rule 405 of the Securities Act).

Yes ☐ No ☒

## Edgar Filing: IMPERIAL OIL LTD - Form 10-K

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934.

Yes .....No ☐

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes ☐ No.....

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes ☐ No.....

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Yes ☐ No.....

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company (see the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Securities Exchange Act of 1934).

Large accelerated filer ☐ Accelerated filer..... Non-accelerated filer..... Smaller reporting company.....

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12 b-2 of the Securities Exchange Act of 1934).

Yes .....No ☐

As of the last business day of the 2015 second fiscal quarter, the aggregate market value of the voting stock held by non-affiliates of the registrant was Canadian \$12,432,611,661 based upon the reported last sale price of such stock on the Toronto Stock Exchange on that date.

The number of common shares outstanding, as of February 10, 2016, was 847,599,011.

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**All dollar amounts set forth in this report are in Canadian dollars, except where otherwise indicated.**

**Note that numbers may not add due to rounding.**

The following table sets forth (i) the rates of exchange for the Canadian dollar, expressed in United States (U.S.) dollars, in effect at the end of each of the periods indicated, (ii) the average of exchange rates in effect on the last day of each month during such periods, and (iii) the high and low exchange rates during such periods, in each case based on the noon buying rate in New York City for wire transfers in Canadian dollars as certified for customs purposes by the Federal Reserve Bank of New York.

dollars	<b>2015</b>	2014	2013	2012	2011
Rate at end of period	<b>0.7226</b>	0.8620	0.9401	1.0042	0.9835
Average rate during period	<b>0.7748</b>	0.9023	0.9665	1.0006	1.0144
High	<b>0.8529</b>	0.9423	1.0164	1.0299	1.0584
Low	<b>0.7148</b>	0.8588	0.9348	0.9600	0.9430

On February 10, 2016, the noon buying rate in New York City for wire transfers in Canadian dollars as certified for customs purposes by the Federal Reserve Bank of New York was \$0.7159 U.S. = \$1.00 Canadian.

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**Forward-looking statements**

Statements of future events or conditions in this report, including projections, targets, expectations, estimates, and business plans are forward-looking statements. Actual future financial and operating results, including demand growth and energy source mix; production growth and mix; project plans, dates, costs and capacities; production rates; production life and resource recoveries; cost savings; product sales; financing sources; and capital and environmental expenditures could differ materially depending on a number of factors, such as changes in the supply of and demand for crude oil, natural gas, and petroleum and petrochemical products and resulting price impacts; availability and allocation of capital; currency exchange rates; political or regulatory events; project schedules; commercial negotiations; the receipt, in a timely manner, of regulatory and third-party approvals; unanticipated operational disruptions; unexpected technological developments; and other factors discussed in Item 1A of this annual report on Form 10-K and in the management's discussion and analysis of financial condition and results of operations contained in Item 7. Forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties, some that are similar to other oil and gas companies and some that are unique to Imperial. Imperial's actual results may differ materially from those expressed or implied by its forward-looking statements and readers are cautioned not to place undue reliance on them. Imperial undertakes no obligation to update any forward-looking statements contained herein, except as required by applicable law.

The term "project" as used in this report can refer to a variety of different activities and does not necessarily have the same meaning as in any government payment transparency reports.

**PART I**

**Item 1. Business**

Imperial Oil Limited was incorporated under the laws of Canada in 1880 and was continued under the Canada Business Corporations Act (the "CBCA") by certificate of continuance dated April 24, 1978. The head and principal office of the company is located at 505 Quarry Park Boulevard S.E. Calgary, Alberta, Canada T2C 5N1. Exxon Mobil Corporation owns approximately 69.6 percent of the outstanding shares of the company. In this report, unless the context otherwise indicates, reference to "the company" or "Imperial" includes Imperial Oil Limited and its subsidiaries.

The company is one of Canada's largest integrated oil companies. It is active in all phases of the petroleum industry in Canada, including the exploration for, and production and sale of, crude oil and natural gas. In Canada, it is a major producer of crude oil, natural gas and the largest petroleum refiner and a leading marketer of petroleum products. It is also a major producer of petrochemicals.

The company's operations are conducted in three main segments: Upstream, Downstream and Chemical. Upstream operations include the exploration for, and production of, crude oil, natural gas, synthetic oil and bitumen. Downstream operations consist of the transportation and refining of crude oil, blending of refined products and the distribution and marketing of those products. Chemical operations consist of the manufacturing and marketing of various petrochemicals.

Financial information about segments and geographic areas for the company is contained in the Financial section of this report under note 2 to the consolidated financial statements: "Business segments".



**Table of Contents****Upstream****Disclosure of reserves***Summary of oil and gas reserves at year-end*

The table below summarizes the net proved reserves for the company, as at December 31, 2015, as detailed in the Supplemental information on oil and gas exploration and production activities part of the Financial section, starting on page 28 of this report.

All of the company's reported reserves are located in Canada. The company has reported proved reserves based on the average of the first-day-of-the-month price for each month during the last 12-month period ending December 31. Natural gas is converted to an oil-equivalent basis at six million cubic feet per one thousand barrels. When crude oil and natural gas prices are in the range seen in late 2015 and early 2016 for an extended period of time, under the United States Securities and Exchange Commission's (SEC) definition of proved reserves, certain quantities of oil and natural gas could temporarily not qualify as proved reserves. Otherwise, no major discovery or other favourable or adverse event has occurred since December 31, 2015 that would cause a significant change in the estimated proved reserves as of that date.

	Liquids (a)	Natural gas	Synthetic oil millions of barrels	Bitumen millions of barrels	Total oil- equivalent basis millions of barrels
	millions of barrels	billions of cubic feet			
Net proved reserves:					
Developed	23	283	581	3,063	3,714
Undeveloped	11	300	-	452	513
Total net proved	34	583	581	3,515	4,227

(a) Liquids include crude oil, condensate and natural gas liquids (NGLs). NGL proved reserves are not material and are therefore included under liquids.

The estimation of proved reserves, which is based on the requirement of reasonable certainty, is an ongoing process based on rigorous technical evaluations, commercial and market assessments and detailed analysis of well information such as flow rates and reservoir pressure declines. Furthermore, the company only records proved reserves for projects which have received significant funding commitments by management made toward the development of the reserves. Although the company is reasonably certain that proved reserves will be produced, the timing and amount recovered can be affected by a number of factors, including completion of development projects, reservoir performance, regulatory approvals, royalty framework and significant changes in projections of long-term oil and gas price levels. In addition, proved reserves could be affected by an extended period of low prices which could reduce the level of the company's capital spending and also impact our partners' capacity to fund their share of joint projects.

When crude oil and natural gas prices are in the range seen in late 2015 and early 2016 for an extended period of time, under the SEC definition of proved reserves, certain quantities of oil and natural gas, such as oil sands operations, could temporarily not qualify as proved reserves. Amounts required to be de-booked as proved reserves on an SEC basis are subject to being re-booked as proved reserves at some point in the future when price levels recover. Under

the terms of certain contractual arrangements or government royalty regimes, lower prices can also increase proved reserves attributable to the company. It is not expected that any temporary changes in reported proved reserves under SEC definitions would affect the operation of the underlying projects or alter the outlook for future production volumes.

*Technologies used in establishing proved reserves estimates*

Imperial's proved reserves in 2015 were based on estimates generated through the integration of available and appropriate geological, engineering and production data, utilizing well established technologies that have been demonstrated in the field to yield repeatable and consistent results.

Data used in these integrated assessments included information obtained directly from the subsurface via wellbores, such as well logs, reservoir core samples, fluid samples, static and dynamic pressure information, production test data, and surveillance and performance information. The data utilized also included subsurface information obtained through indirect measurements, including high-quality 3-D and 4-D seismic data, calibrated with available well control information. The tools used to interpret the data included proprietary seismic processing software, proprietary reservoir modeling and simulation software and commercially available data analysis packages.



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In some circumstances, where appropriate analog reservoirs were available, reservoir parameters from these analogs were used to increase the quality of and confidence in the reserves estimates.

*Preparation of reserves estimates*

Imperial has a dedicated reserves management group that is separate from the base operating organization. Primary responsibilities of this group include oversight of the reserves estimation process for compliance with the SEC rules and regulations, review of annual changes in reserves estimates and the reporting of Imperial's proved reserves. This group also maintains the official company reserves estimates for Imperial's proved reserves. In addition, this group provides training to personnel involved in the reserve estimation and reporting processes within Imperial.

The reserves management group maintains a central database containing the official company reserves estimates. Appropriate controls, including limitations on database access and update capabilities, are in place to ensure data integrity within this central database. An annual review of the system's controls is performed by internal audit. Key components of the reserves estimation process include technical evaluations and analysis of well and field performance and a rigorous peer review. No changes may be made to reserves estimates in the central database, including the addition of any new initial reserves estimates or subsequent revisions, unless those changes have been thoroughly reviewed and evaluated by duly authorized personnel within the base operating organization. In addition, changes to reserves estimates that exceed certain thresholds require further review and endorsement by the operating organization and the reserves management group, culminating in reviews with and approval by senior management and the company's board of directors.

The Operations Technical Subsurface Engineering Manager is a professional engineer registered in Alberta, Canada and has over 30 years of petroleum industry experience, including 22 years of reserves related experience. The position provides leadership to the internal reserves management group and is responsible for filing a reserves report with the Canadian securities regulatory authorities. The company's internal reserves evaluation staff consists of 47 persons with an average of 14 years of relevant technical experience in evaluating reserves, of whom 31 persons are qualified reserves evaluators for purposes of Canadian securities regulatory requirements. The company's internal reserves evaluation management team is made up of 17 persons with an average of 14 years of relevant experience in evaluating and managing the evaluation of reserves. No independent qualified reserves evaluator or auditor was involved in the preparation of the company's reserves data.

**Proved undeveloped reserves**

As at December 31, 2015, approximately 12 percent of the company's proved reserves were proved undeveloped reserves reflecting volumes of 513 million oil-equivalent barrels. Nearly all of those undeveloped reserves are associated with the Cold Lake field. This compared to 1,704 million oil-equivalent barrels of proved undeveloped reserves reported at the end of 2014. Decreased proved undeveloped bitumen reserves in 2015 were largely due to the start-up of the Kearl expansion project, resulting in a transfer of proved undeveloped reserves to proved developed reserves.

The remaining proved undeveloped reserves are associated with ongoing drilling programs, mainly at Cold Lake. Proved undeveloped reserves that have remained undeveloped for five years or more are primarily associated with Cold Lake's ongoing drilling program and were not material compared to the company's total proved reserves.

One of the company's requirements to report resources as proved reserves is that management has made significant funding commitments towards the development of the reserves. The company has a disciplined investment strategy and many major fields require a long lead-time in order to be developed. The company made investments of about

\$2.4 billion during the year to progress the development of reported proved undeveloped reserves, principally the Kearl expansion project.

**Table of Contents****Oil and gas production, production prices and production costs**

Reference is made to the portion of the Financial section entitled Management's discussion and analysis of financial condition and results of operations on page 32 of this report for a narrative discussion on the material changes.

*Average daily production of oil*

The company's average daily oil production by final products sold during the three years ended December 31, 2015 was as follows. All reported production volumes were from Canada.

thousands of barrels per day (a)	2015	2014	2013
<b>Bitumen:</b>			
Cold Lake: - gross (b)	<b>158</b>	146	153
- net (c)	<b>139</b>	114	127
Kearl: - gross (b)	<b>108</b>	51	16
- net (c)	<b>106</b>	47	15
Total Bitumen: - gross (b)	<b>266</b>	197	169
- net (c)	<b>245</b>	161	142
Synthetic oil (d): - gross (b)	<b>62</b>	64	67
- net (c)	<b>58</b>	60	65
Liquids: - gross (b)	<b>16</b>	21	25
- net (c)	<b>15</b>	16	20
Total: - gross (b)	<b>344</b>	282	261
- net (c)	<b>318</b>	237	227

(a) Barrels per day metric is calculated by dividing the volume for the period by the number of calendar days in the period.

(b) Gross production is the company's share of production (excluding purchases) before deduction of the mineral owners' or governments' share or both.

(c) Net production is gross production less the mineral owners' or governments' share or both.

(d) The company's synthetic oil production volumes were from the company's share of production volumes in the Syncrude joint venture.

*Average daily production and production available for sale of natural gas*

The company's average daily production and production available for sale of natural gas during the three years ended December 31, 2015 are set forth below. All reported production volumes were from Canada. All gas volumes in this report are calculated at a pressure base of 14.73 pounds per square inch absolute at 60 degrees Fahrenheit. Reference is made to the portion of the Financial section entitled Management's discussion and analysis of financial condition and results of operations on page 32 of this report for a narrative discussion on the material changes.

millions of cubic feet per day (a)	2015	2014	2013
Gross production (b) (c)	<b>130</b>	168	201
Net production (c) (d) (e)	<b>125</b>	156	189
Net production available for sale (f)	<b>94</b>	124	152

(a)

Cubic feet per day metric is calculated by dividing the volume for the period by the number of calendar days in the period.

- (b) Gross production is the company's share of production (excluding purchases) before deduction of the mineral owners' or governments' share or both.
- (c) Production of natural gas includes amounts used for internal consumption with the exception of the amounts reinjected.
- (d) Net production is gross production less the mineral owners' or governments' share or both.
- (e) Net production reported in the above table is consistent with production quantities in the net proved reserves disclosure.
- (f) Includes sales of the company's share of net production and excludes amounts used for internal consumption.

**Table of Contents***Total average daily oil-equivalent basis production*

The company's total average daily production expressed in oil-equivalent basis is set forth below, with natural gas converted to an oil-equivalent basis at six million cubic feet per one thousand barrels.

thousands of barrels per day (a)	<b>2015</b>	2014	2013
Total production oil-equivalent basis:			
- gross (b)	<b>366</b>	310	295
- net (c)	<b>339</b>	263	259

(a) Barrels per day metric is calculated by dividing the volume for the period by the number of calendar days in the period.

(b) Gross production is the company's share of production (excluding purchases) before deduction of the mineral owners' or governments' share or both.

(c) Net production is gross production less the mineral owners' or governments' share or both.

*Average unit sales price*

The company's average unit sales price and average unit production costs by product type for the three years ended December 31, 2015 were as follows.

dollars per barrel	<b>2015</b>	2014	2013
Bitumen	<b>32.48</b>	67.20	60.57
Synthetic oil	<b>61.33</b>	99.58	99.69
Liquids	<b>30.62</b>	67.82	75.61

dollars per thousand cubic feet

Natural gas	<b>2.78</b>	4.54	3.27
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Unit sales prices decreased in 2015, primarily driven by the decline in the global crude oil and natural gas price environment.

*Average unit production costs*

dollars per barrel	<b>2015</b>	2014	2013
Bitumen	<b>25.16</b>	34.87	32.20
Synthetic oil	<b>54.81</b>	62.14	53.27
Total oil-equivalent basis (a)	<b>30.60</b>	41.02	35.93

(a) Includes liquids, bitumen, synthetic oil and natural gas.

Bitumen unit production costs were lower in 2015, primarily driven by Kearl expansion project start-up and cost management.

Synthetic oil unit production costs were lower in 2015, primarily driven by cost management.

Synthetic oil production costs increased in 2014, primarily due to higher maintenance activities at Syncrude.

**Drilling and other exploratory and development activities**

The company has been involved in the exploration for and development of crude oil and natural gas in Canada only.

*Wells Drilled*

The following table sets forth the net exploratory and development wells that were drilled or participated in by the company during the three years ended December 31, 2015.

wells	2015	2014	2013
Net productive exploratory	-	-	1
Net dry exploratory	-	-	1
Net productive development	46	111	157
Net dry development	-	-	-
Total	46	111	159

In 2015, the following wells were drilled to add productive capacity: 41 development wells at Cold Lake, of which 36 development wells relate to the Cold Lake Nabiye expansion project and five net other wells.

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In 2014, the following wells were drilled to add productive capacity: 90 development wells at Cold Lake, of which 74 development wells relate to the Cold Lake Nabiye expansion project, eight net tight gas wells and 13 net other wells.

In 2013, the following wells were drilled to add productive capacity: 120 development wells at the Cold Lake Nabiye expansion project, 34 net tight oil development wells and three net other wells.

*Wells drilling*

At December 31, 2015, the company was participating in the drilling of the following exploratory and development wells. All wells were located in Canada.

wells	2015	
	Gross	Net
<b>Total</b>	<b>6</b>	<b>3</b>

*Exploratory and development activities regarding oil and gas resources**Cold Lake*

In February 2012, the Nabiye expansion at Cold Lake was sanctioned. Facilities start-up occurred throughout December 2014 followed by initial steam injection into the reservoir in January 2015. Bitumen production commenced February 2015.

To maintain production at Cold Lake, additional wells were drilled on existing phases in 2015.

The company also conducts experimental pilot operations to improve recovery of bitumen from wells by means of new drilling, production and recovery techniques.

*Mackenzie Delta*

In 1999, the company and three other companies entered into an agreement to study the feasibility of developing Mackenzie Delta gas, anchored by three large onshore natural gas fields. The company retains a 100 percent interest in the largest of these fields.

In late 2010, the National Energy Board (NEB) announced its approval of plans to build and operate the project subject to 264 conditions in areas such as engineering, safety and environmental protection. Federal cabinet approved the project in early 2011.

The commercial viability of these natural gas resources, and the pipeline required to transport this natural gas to markets, is dependent on a number of factors. These factors include natural gas markets, continued support from northern parties, fiscal framework and the cost of constructing, operating and abandoning the field production and pipeline facilities.

In 2015, the company applied to the NEB and the Government of Northwest Territories (GNWT) for an extension of the pipeline and gathering system construction permits. The NEB and GNWT provided a nine month extension to the permits while they consider the extension request. No final investment decision has been made.

*Beaufort Sea*

In 2007, the company acquired a 50 percent interest in an exploration licence in the Beaufort Sea. As part of the evaluation, a 3-D seismic survey was conducted in 2008 and the company has since carried out data collection programs to support environmental studies and safe exploration drilling operations.

In 2010, the company executed an agreement to cross-convey interests with another company to acquire a 25 percent interest in an additional Beaufort Sea exploration licence. As a result of that agreement, the company operates both licences and its interest in the original licence was reduced to 25 percent. The exploration licences are held through 2019 and 2020, respectively.

In 2013, the company and its joint venture partners filed a project description, initiating the formal regulatory review of the project. Current activities continue to focus on data gathering, regulatory groundwork, and community consultation. No final drilling investment decision has been made.



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### *Other oil sands activity*

The company filed a regulatory application for a new in-situ oil sands project at Aspen in December 2013, using steam-assisted gravity drainage (SAGD) technology to develop the project in three phases producing about 45,000 barrels per day before royalties, per phase.

In 2015, the company amended the regulatory application to develop the project using solvent-assisted, steam-assisted gravity drainage (SA-SAGD) technology. The technology significantly improves capital efficiency and lowers greenhouse gas intensity versus the existing SAGD technologies. The project is proposed to be executed in two phases producing about 75,000 barrels per day before royalties, per phase. Development timing is subject to regulatory approvals and market conditions. No final investment decision has been made.

Work continues on technical evaluations to support potential Cold Lake Grand Rapids, Corner and Clyden in-situ development regulatory applications.

The company also has interests in other oil sands leases in the Athabasca and Peace River areas of northern Alberta. Evaluation wells completed on these leased areas established the presence of bitumen. The company continues to evaluate these leases to determine their potential for future development.

### *Liquefied natural gas (LNG) activity*

WCC LNG Ltd., jointly owned by the company (20 percent) and ExxonMobil Canada Ltd. (80 percent), was granted an export licence in 2013 for up to 30 million tonnes of LNG per year for a period of 25 years. The project is proceeding through the pre-application phase in a B.C. environmental assessment process. No final investment decision has been made.

### *Exploratory and development activities regarding oil and gas resources extracted by mining methods*

#### *Kearl*

Kearl is a joint venture established to recover shallow deposits of oil sands using open-pit mining methods to extract the crude bitumen, which is processed through extraction and froth treatment trains. The company holds a 70.96 percent participating interest in the joint venture and ExxonMobil Canada Properties holds the other 29.04 percent. The product, a blend of bitumen and diluent, is shipped to certain of the company's refineries, Exxon Mobil Corporation refineries and to other third parties. Diluent is natural gas condensate or other light hydrocarbons added to the crude bitumen to facilitate transportation by pipeline and rail.

The Kearl expansion project was completed and started-up in the second quarter of 2015, adding an additional 110,000 barrels of bitumen per day before royalties, of which the company's share is about 78,000 barrels per day.

Potential future debottlenecking of both the initial development and expansion would increase output to reach the regulatory capacity of 345,000 barrels of bitumen per day, of which the company's share would be about 245,000 barrels per day. Such debottlenecking remains under evaluation.

### *Other oil sands activity*

The company is continuing to evaluate other undeveloped, mineable oil sands acreage in the Athabasca region.



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### **Present activities**

#### *Review of principal ongoing activities*

##### *Cold Lake*

Cold Lake is an in-situ heavy oil bitumen operation. The product, a blend of bitumen and diluent, is shipped to certain of the company's refineries, Exxon Mobil Corporation refineries and to other third parties.

During 2015, net production at Cold Lake was about 139,000 barrels per day and gross production was about 158,000 barrels per day.

The Province of Alberta, in its capacity as lessor of Cold Lake oil sands leases, is entitled to a royalty on production at Cold Lake. Royalties are subject to the oil sands royalty regulations and are based upon a sliding scale determined largely by the price of crude oil.

##### *Kearl*

During 2015, the company's share of Kearl's net bitumen production was about 106,000 barrels per day and gross production was about 108,000 barrels per day.

The Province of Alberta, in its capacity as lessor of Kearl oil sands leases, is entitled to a royalty on production at Kearl. Royalties are subject to the oil sands royalty regulations and are based upon a sliding scale determined largely by the price of crude oil.

##### *Syncrude*

Syncrude is a joint venture established to recover shallow deposits of oil sands using open-pit mining methods to extract crude bitumen, and then upgrade it to produce a high-quality, light (32 degrees API), sweet, synthetic crude oil. The company holds a 25 percent participating interest in the joint venture. The produced synthetic crude oil is shipped to certain of the company's refineries, Exxon Mobil Corporation refineries and to other third parties.

In 2015, the company's share of Syncrude's net production of synthetic crude oil was about 58,000 barrels per day and gross production was about 62,000 barrels per day.

Effective January 1, 2009, the Syncrude Crown Royalty Agreement was amended. Under the amended agreement, starting in 2010 and through 2015, Syncrude paid the existing Crown royalty rates plus an incremental royalty, the amount of which was subject to minimum production thresholds, before transitioning to the new generic royalty framework in 2016. Syncrude's royalty is based on bitumen value with upgrading costs and revenues excluded from the calculation.

##### *Conventional oil and gas*

The Norman Wells oil field in the Northwest Territories is the company's largest conventional oil producing asset. During 2015, average net production was about 10,000 barrels per day and gross production was about 11,000 barrels per day, currently accounting for about 70 percent of the company's gross production of conventional crude oil.

### **Delivery commitments**

The company has no material commitments to provide a fixed and determinable quantity of oil or gas under existing contracts and agreements.

**Table of Contents****Oil and gas properties, wells, operations, and acreage***Production wells*

The company's production of liquids, bitumen and natural gas is derived from wells located exclusively in Canada. The total number of wells capable of production, in which the company had interests at December 31, 2015 and December 31, 2014, is set forth in the following table. The statistics in the table are determined in part from information received from other operators.

wells	Year-ended December 31, 2015				Year-ended December 31, 2014			
	Crude oil		Natural gas		Crude oil		Natural gas	
	Gross (a)	Net (b)	Gross (a)	Net (b)	Gross (a)	Net (b)	Gross (a)	Net (b)
Total (c)	<b>4,731</b>	<b>4,592</b>	<b>3,611</b>	<b>1,199</b>	4,678	4,488	3,614	1,205

(a) Gross wells are wells in which the company owns a working interest.

(b) Net wells are the sum of the fractional working interests owned by the company in gross wells, rounded to the nearest whole number.

(c) Multiple completion wells are permanently equipped to produce separately from two or more distinctly different geological formations. At year-end 2015, the company had an interest in 26 gross wells with multiple completions (2014 - 25 gross wells).

*Land holdings*

At December 31, 2015 and 2014, the company held the following oil and gas rights, and bitumen and synthetic oil leases, all of which are located in Canada, specifically in the western provinces, in the Canada lands and in the Atlantic offshore.

thousands of acres		Developed		Undeveloped		Total	
		2015	2014	2015	2014	2015	2014
Western provinces:							
Liquids and gas	- gross (a) (b)	<b>1,400</b>	1,449	<b>1,016</b>	1,053	<b>2,416</b>	2,502
	- net (b) (c)	<b>686</b>	705	<b>528</b>	541	<b>1,214</b>	1,246
Bitumen	- gross (a)	<b>193</b>	141	<b>673</b>	725	<b>866</b>	866
	- net (c)	<b>181</b>	130	<b>319</b>	370	<b>500</b>	500
Synthetic oil	- gross (a)	<b>118</b>	118	<b>136</b>	135	<b>254</b>	253
	- net (c)	<b>29</b>	29	<b>34</b>	34	<b>63</b>	63
Canada lands (d):							
Liquids and gas	- gross (a)	<b>4</b>	4	<b>2,274</b>	2,274	<b>2,278</b>	2,278
	- net (c)	<b>2</b>	2	<b>720</b>	720	<b>722</b>	722
Atlantic offshore:							
Liquids and gas	- gross (a)	<b>65</b>	65	<b>288</b>	288	<b>353</b>	353
	- net (c)	<b>6</b>	6	<b>46</b>	46	<b>52</b>	52
Total (e):	- gross (a) (b)	<b>1,780</b>	1,777	<b>4,387</b>	4,475	<b>6,167</b>	6,252
	- net (b) (c)	<b>904</b>	872	<b>1,647</b>	1,711	<b>2,551</b>	2,583

(a) Gross acres include the interests of others.

(b) 2014 restated.

- (c) Net acres exclude the interests of others.
- (d) Canada lands include the Arctic Islands, Beaufort Sea/Mackenzie Delta, and other Northwest Territories, Nunavut and Yukon regions.
- (e) Certain land holdings are subject to modification under agreements whereby others may earn interests in the company's holdings by performing certain exploratory work (farm-out) and whereby the company may earn interests in others' holdings by performing certain exploratory work (farm-in).

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### *Western provinces*

The company's bitumen leases include about 193,000 net acres of oil sands leases near Cold Lake and an area of about 34,000 net acres at Kearn. The company also has about 80,000 net acres of undeveloped, mineable oil sands acreage in the Athabasca region. In addition, the company has interests in other bitumen oil sands leases in the Athabasca areas totalling about 193,000 net acres, which include about 62,000 net acres of oil sands leases in the Clyden area. These 193,000 net acres are amenable to in-situ recovery techniques.

The company's share of Syncrude joint venture leases covering about 63,000 net acres accounts for the entire synthetic oil acreage.

Oil sands leases have an exploration period of fifteen years and are continued beyond that point by meeting the minimum level of evaluation, payment of escalating rentals, or by production. The majority of the acreage in Cold Lake, Kearn and Syncrude is continued by production.

The company holds interests in an additional 1,214,000 net acres of developed and undeveloped land in western Canada related to crude oil and natural gas.

Petroleum and natural gas leases and licences from western provinces have exploration periods ranging from two to 15 years and are continued beyond that point by production.

### *Canada lands*

Land holdings in Canada lands primarily include exploration licence (EL) acreage in the Beaufort Sea of about 252,000 net acres and in the Summit Creek area of central Mackenzie Valley totalling about 222,000 net acres and significant discovery licence (SDL) acreage in the Mackenzie Delta and Beaufort Sea areas of about 183,000 net acres.

Exploration licences on Canada lands and Atlantic offshore have a finite term. If a significant discovery is made, a SDL may be granted that holds the acreage under the SDL indefinitely, subject to certain conditions.

The company's net acreage in Canada lands is either continued by production or held through exploration licences and SDLs.

### *Atlantic offshore*

The Atlantic offshore acreage is continued by production or held by SDLs.

**Table of Contents****Downstream****Supply**

The company supplements its own production of crude oil, condensate and petroleum products with substantial purchases from a number of other sources at freely negotiated prices. Purchases are made under both spot and term contracts from domestic and foreign sources, including Exxon Mobil Corporation.

**Transportation**

Imperial currently transports the company's crude oil production and third party crude oil required to supply refineries by contracted pipelines, common carrier pipelines and rail. To mitigate uncertainty associated with the timing of industry pipeline projects and pipeline capacity constraints, the company has developed rail infrastructure. The Edmonton rail terminal commenced operation in the second quarter of 2015 and has capacity to ship up to 210,000 barrels per day of crude oil.

**Refining**

The company owns and operates three refineries, which process predominantly Canadian crude oil. The Strathcona refinery operates lubricating oil production facilities. In addition to crude oil, the company purchases finished products to supplement its refinery production.

In 2015, capital expenditures of about \$84 million were made at the company's refineries. Capital expenditures focused mainly on refinery projects to improve reliability, feedstock flexibility, energy efficiency and environmental performance.

The approximate average daily volumes of refinery throughput during the three years ended December 31, 2015, and the daily rated capacities of the refineries as at December 31, 2015 were as follows.

	Refinery throughput (a)			Rated capacities
	Year-ended December 31			(b) at December 31
thousands of barrels per day	<b>2015</b>	2014	2013	<b>2015</b>
Strathcona, Alberta	<b>181</b>	182	172	<b>189</b>
Sarnia, Ontario	<b>103</b>	109	105	<b>119</b>
Nanticoke, Ontario	<b>102</b>	103	99	<b>113</b>
Dartmouth, Nova Scotia (c)	<b>n/a</b>	n/a	50	<b>n/a</b>
Total	<b>386</b>	394	426	<b>421</b>

(a) Refinery throughput is the volume of crude oil and feedstocks that is processed in the refinery atmospheric distillation units.

(b) Rated capacities are based on definite specifications as to types of crude oil and feedstocks that are processed in the refinery atmospheric distillation units, the products to be obtained and the refinery process, adjusted to include an estimated allowance for normal maintenance shutdowns. Accordingly, actual capacities may be higher or lower than rated capacities due to changes in refinery operation and the type of crude oil available for processing.

(c) Refinery operations at the Dartmouth refinery were discontinued on September 16, 2013.



In 2015, refinery throughput was 92 percent of capacity, 2 percent lower than the previous year. The lower rate was primarily a result of planned maintenance.

In 2014, refinery throughput was 94 percent of capacity, 6 percent higher than the previous year. The higher rate was primarily a result of improved reliability and increased product sales.

### **Distribution**

The company maintains a nationwide distribution system, to handle bulk and packaged petroleum products moving from refineries to market by pipeline, tanker, rail and road transport. The company owns and operates natural gas liquids and products pipelines in Alberta, Manitoba and Ontario and has interests in the capital stock of one crude oil and two products pipeline companies.

**Table of Contents****Marketing**

The company markets petroleum products throughout Canada under well-known brand names, most notably Esso and Mobil, to all types of customers.

The company sells to the motoring public through Esso retail service stations. On average during the year, there were more than 1,700 retail service stations, of which about 470 were company-owned or leased, but none of which were company operated. The remaining approximately 1,250 Esso branded service stations operate under a branded wholesaler model. The company continues to improve its Esso retail service station network, providing customer services such as car washes and convenience stores, primarily at high volume sites in urban centres.

In January 2015, the company announced that it will evaluate its operating model for the company-owned retail stations. The company is evaluating ways of extending the branded wholesaler operating model to the remaining company-owned retail stations as part of Imperial's Esso branded growth strategy.

Imperial sells petroleum products to large industrial and transportation customers, independent marketers, resellers as well as other refiners. The company serves agriculture, residential heating and commercial markets through branded resellers.

The approximate daily volumes of net petroleum products (excluding purchases/sales contracts with the same counterparty) sold during the three years ended December 31, 2015, are set out in the following table.

thousands of barrels per day	<b>2015</b>	2014	2013
Gasolines	<b>247</b>	244	223
Heating, diesel and jet fuels	<b>170</b>	179	160
Heavy fuel oils	<b>16</b>	22	29
Lube oils and other products	<b>45</b>	40	42
Net petroleum product sales	<b>478</b>	485	454

Total Downstream capital expenditures were \$340 million in 2015.

**Chemical**

The company's Chemical operations manufacture and market ethylene, benzene, aromatic and aliphatic solvents, plasticizer intermediates and polyethylene resin. Its petrochemical and polyethylene manufacturing operations are located in Sarnia, Ontario, adjacent to the company's petroleum refinery.

The company's total sales volumes of petrochemicals during the three years ended December 31, 2015, were as follows.

thousands of tonnes	<b>2015</b>	2014	2013
Total sales of petrochemicals	<b>945</b>	953	940

Total Chemical capital expenditures were \$52 million in 2015.

**Research**

In 2015, the company's total gross research expenditures, before credits, were about \$195 million, as compared with \$175 million in 2014, and \$199 million in 2013. Research expenditures are mainly for developing technologies to improve bitumen recovery, reduce costs, reduce the environmental impact of Upstream operations, supporting environmental and process improvements in the refineries, as well as accessing ExxonMobil's research worldwide.

The company has scientific research agreements with affiliates of Exxon Mobil Corporation, which provide for technical and engineering work to be performed by all parties, the exchange of technical information and the assignment and licensing of patents and patent rights. These agreements provide mutual access to scientific and operating data related to nearly every phase of the petroleum and petrochemical operations of the parties.

**Table of Contents****Environmental protection**

The company regards protecting the environment in connection with its various operations a priority. The company works in cooperation with government agencies, industry associations and communities to address existing, and to anticipate potential, environmental protection issues. In the past five years, the company has made capital and operating expenditures of about \$6.1 billion on environmental protection and facilities. In 2015, the company's environmental capital and operating expenditures totalled approximately \$1.2 billion, which was spent primarily on water and tailings treatment and emission reductions at company-owned facilities and Syncrude and remediation of idled facilities and operations. Capital and operating expenditures relating to environmental protection are expected to be about \$0.9 billion in 2016.

**Human resources**

Career employees (a)	2015	2014	2013
Total	5,700	5,500	5,300

(a) Rounded. Career employees are defined as active executive, management, professional, technical and wage employees who work full time or part time for the company and are covered by the company's benefit plans. The increase in career employees in 2015 is primarily associated with the company's start-up of the Kearl expansion project. About 7 percent of the company's employees are members of unions.

**Competition**

The Canadian petroleum, natural gas and chemical industries are highly competitive. Competition exists in the search for and development of new sources of supply, the construction and operation of crude oil, natural gas and refined products pipelines and facilities and the refining, distribution and marketing of petroleum products and chemicals. The petroleum industry also competes with other industries in supplying energy, fuel and other needs of consumers.

**Government regulation****Petroleum and natural gas rights**

Most of the company's petroleum and natural gas rights were acquired from governments, either federal or provincial. These rights in the form of leases or licences are generally acquired for cash or work commitments. A lease or licence entitles the holder to explore for petroleum and/or natural gas on the leased lands for a specified period.

In western provinces, the lease holder can produce the petroleum or natural gas discovered on the leased lands and retains the rights based on continued production. Oil sands leases are retained by meeting the minimum level of evaluation, payment of rentals, or by production.

The holder of a licence relating to Canada lands and the Atlantic offshore can apply for a SDL if a discovery is made. If granted, the SDL holds the lands indefinitely subject to certain conditions. The holder may then apply for a production licence in order to produce petroleum or natural gas from the licenced land.

**Crude oil***Production*

The maximum allowable gross production of crude oil from wells in Canada is subject to limitation by various regulatory authorities on the basis of engineering and conservation principles.

*Exports*

Export contracts of more than one year for light crude oil and petroleum products and two years for heavy crude oil (including crude bitumen) require the prior approval of the NEB and the Government of Canada.

**Natural gas**

*Production*

The maximum allowable gross production of natural gas from wells in Canada is subject to limitations by various regulatory authorities. These limitations are to ensure oil recovery is not adversely impacted by accelerated gas production practices. These limitations do not impact gas reserves, only the timing of production of the reserves and did not have a significant impact on 2015 gas production rates.

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### *Exports*

The Government of Canada has the authority to regulate the export price for natural gas and has a gas export pricing policy, which accommodates export prices for natural gas negotiated between Canadian exporters and U.S. importers.

Exports of natural gas from Canada require approval by the NEB and the Government of Canada. The Government of Canada allows the export of natural gas by NEB order without volume limitation for terms not exceeding 24 months.

### **Royalties**

The Government of Canada and the provinces in which the company produces crude oil and natural gas impose royalties on production from lands where they own the mineral rights. Some producing provinces also receive revenue by imposing taxes on production from lands where they do not own the mineral rights.

Different royalties are imposed by the Government of Canada and each of the producing provinces. Royalties imposed on crude oil, natural gas and natural gas liquids vary depending on a number of parameters, including well production volumes, selling prices and recovery methods. For information with respect to royalties for Cold Lake, Syncrude and Kearl, see Upstream section under Item 1.

### **Investment Canada Act**

The Investment Canada Act requires Government of Canada approval, in certain cases, of the acquisition of control of a Canadian business by an entity that is not controlled by Canadians. The acquisition of natural resource properties may, in certain circumstances, be considered a transaction that constitutes an acquisition of control of a Canadian business requiring Government of Canada approval.

The Act also requires notification of the establishment of new unrelated businesses in Canada by entities not controlled by Canadians, but does not require Government of Canada approval except when the new business is related to Canada's cultural heritage or national identity. The Government of Canada is also authorized to take any measures that it considers advisable to protect national security, including the outright prohibition of a foreign investment in Canada. By virtue of the majority stock ownership of the company by Exxon Mobil Corporation, the company is considered to be an entity which is not controlled by Canadians.

### **Competition Act**

The Competition Bureau ensures that Canadian businesses and consumers prosper in a competitive and innovative marketplace. The Competition Bureau is responsible for the administration and enforcement of the Competition Act (the Act). A merger transaction, whether or not notifiable, is subject to examination by the Commissioner of the Competition Bureau to determine whether the merger will have or is likely to have, the effect of preventing or lessening substantially, competition in a definable market. The assessment of the competitive effects of a merger is made with reference to the factors identified under the Act.

An Advance Ruling Certificate (ARC) may be issued by the Commissioner to a party or parties to a proposed merger transaction who want to be assured that the transaction will not give rise to proceedings under section 92 of the Act. Section 102 of the Act provides that an ARC may be issued when the Commissioner is satisfied that there would not be sufficient grounds on which to apply to the Competition Tribunal for an order against a proposed merger. The issuance of an ARC is discretionary. An ARC cannot be issued for a transaction that has been completed, nor does an ARC ensure approval of the transaction by any agency other than the Competition Bureau.

### **The company online**

The company's website **[www.imperialoil.ca](http://www.imperialoil.ca)** contains a variety of corporate and investor information which is available free of charge, including the company's annual report on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K and amendments to these reports, as well as required interactive data filings. These reports are made available as soon as reasonably practicable after they are filed or furnished to the SEC.

The public may read and copy any materials the company files with the SEC at the SEC's Public Reference Room at 100 F Street, NE., Washington, DC 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC's website, [www.sec.gov](http://www.sec.gov), contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC.

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**Table of Contents****Item 1A. Risk factors**  
**Volatility of oil and natural gas prices**

The company's results of operations and financial condition are dependent on the prices it receives for its oil and natural gas production. Crude oil and natural gas prices are determined by global and North American markets and are subject to changing supply and demand conditions. These can be influenced by a wide range of factors including economic conditions, international political developments and weather. Disruptions to pipelines linking production to markets may reduce the price for that production or lead to curtailment of production. In the past, crude oil and natural gas prices have been volatile, and the company expects that volatility to continue. Any material decline in oil or natural gas prices could have a material adverse effect on certain of the company's operations (especially in the Upstream segment), financial condition, proved reserves and the amount spent to develop oil and natural gas reserves.

A significant portion of the company's production is bitumen. The market prices for bitumen differ from the established market indices for light and medium grades of oil principally due to the higher transportation and refining costs associated with bitumen and limited refining capacity capable of processing bitumen. Bitumen may also be subject to limits on transportation capacity to markets to a larger extent than light crude oil. As a result, the price received for bitumen is generally lower than the price for medium and light oil. Future differentials are uncertain and increases in the bitumen differentials could have a material adverse effect on the company's business.

The company does not use derivative instruments to offset exposures associated with hydrocarbon prices, currency exchange rates and interest rates that arise from existing assets, liabilities and transactions. The company does not engage in speculative derivative activities nor does it use derivatives with leveraged features.

**Environmental risks**

All phases of the Upstream, Downstream and Chemical businesses are subject to environmental regulation pursuant to a variety of Canadian federal, provincial, territorial and municipal laws and regulations, as well as international conventions (collectively, "environmental legislation").

Environmental legislation imposes, among other things, restrictions, liabilities and obligations in connection with the generation, handling, storage, transportation, treatment and disposal of hazardous substances and waste and in connection with spills, releases and emissions of various substances to the environment. As well, environmental regulations are imposed on the qualities and compositions of the products sold and imported. Environmental legislation also requires that wells, facility sites and other properties associated with the company's operations be operated, maintained, monitored, abandoned and reclaimed to the satisfaction of applicable regulatory authorities. In addition, certain types of operations, including exploration and development projects and significant changes to certain existing projects, may require the submission and approval of environmental impact assessments. Compliance with environmental legislation can require significant expenditures and failure to comply with environmental legislation may result in the cessation of operations, imposition of fines and penalties and liability for clean-up costs and damages. The costs of complying with environmental legislation in the future could have a material adverse effect on the company's financial condition or results of operations. The company anticipates that changes in environmental legislation may require, among other things, reductions in emissions from its operations to the air and water and may result in increased capital expenditures. Changes in environmental regulations or other laws (including, but not limited to, application of regulations related to air, water and biodiversity) may increase our cost of compliance or reduce or delay available business opportunities. Future changes in environmental legislation could occur and result in stricter standards and enforcement, larger fines and liability, and increased capital expenditures and operating costs, which could have a material adverse effect on the company's financial condition or results of operations.



There are operational risks inherent in oil and gas exploration and production activities, as well as the potential to incur substantial financial liabilities, if those risks are not effectively managed. The ability to insure such risks is limited by the capacity of the applicable insurance markets, which may not be sufficient to cover the likely cost of a major adverse operating event. Accordingly, the company's primary focus is on prevention, including through its rigorous operations integrity management system. The company's future results will depend on the continued effectiveness of these efforts.

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**Climate change**

Due to concern over the risk of climate change, a number of provinces and the Government of Canada have adopted, or are considering the adoption of, regulatory frameworks to reduce greenhouse gas emissions. These include adoption of cap and trade regimes, carbon taxes, increased efficiency standards and incentives or mandates for renewable energy. These requirements could make our products more expensive, lengthen project implementation times, and reduce demand for hydrocarbons, as well as shift hydrocarbon demand toward relatively lower-carbon sources such as natural gas. Current and pending greenhouse gas regulations may also increase our compliance and abatement costs. In 2015, the Alberta Government made changes to the Specified Gas Emitters Regulation (SGER) that will increase future costs.

**Currency**

Industry crude oil and natural gas commodity prices and petroleum and chemical product prices are commonly benchmarked in U.S. dollars. The majority of Imperial's sales and purchases are related to these industry U.S. dollar benchmarks. As the company records and reports its financial results in Canadian dollars, to the extent that the Canadian/U.S. dollar exchange rate fluctuates, the company's earnings will be affected.

**Reserves replacement**

The company's future bitumen, synthetic oil, liquids and natural gas reserves and production, and therefore cash flows, are highly dependent upon the company's success in exploiting its current reserve base and acquiring or discovering additional reserves. Without additions to the company's reserves through exploration, acquisition or development activities, reserves and production will decline over time as reserves are depleted. To the extent cash flows from operations are insufficient to fund capital expenditures and external sources of capital become limited or unavailable, the company's ability to make the necessary capital investments to maintain and expand oil and natural gas reserves will be impaired. In addition, the company may be unable to find and develop or acquire additional reserves to replace oil and natural gas production at acceptable costs.

**Research and development**

In light of the technological nature of our business and the need for continuous efficiency improvement, the company relies upon the research and development organizations of the company and ExxonMobil, with whom the company conducts shared research.

**Safety, business controls and environmental risk management**

The scope and nature of the company's operations present a variety of significant hazards and risks, including operational hazards and risks such as explosions, fires, pipeline ruptures, crude oil spills, severe weather, and geological events. Our operations are also subject to the additional hazards of pollution, releases of toxic gas and other environmental hazards and risks. Our results depend on management's ability to minimize these inherent risks, to control effectively our business activities and to minimize the potential for human error. We apply rigorous management systems including a combined program of effective operations integrity management, ongoing upgrades, key equipment replacements, and comprehensive inspection and surveillance. We also maintain a disciplined framework of internal controls and apply a controls management system for monitoring compliance with this framework. Substantial liabilities and other adverse impacts could result if our management systems and controls do not function as intended.

Business risks also include the risk of cybersecurity breaches. If our systems for protecting against cybersecurity risks prove not to be sufficient, the company could be adversely affected such as by having its business systems compromised, its proprietary information altered, lost or stolen, or its business operations disrupted.

### **Preparedness**

The company's operations may be disrupted by severe weather events, natural disasters, human error, and similar events. Our ability to mitigate the adverse impacts of these events depends in part upon the effectiveness of our rigorous disaster preparedness and response planning, as well as business continuity planning.

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### **Other business risks**

The marketability of the company's production is subject in part to the risks associated with transporting, processing and storing crude oil, natural gas and other related products. The availability, proximity, and capacity of pipeline facilities and railcars could negatively impact our ability to produce at capacity levels. Transportation disruptions could adversely affect commodity prices, the company's price realizations, refining operations and sales volumes, or limit our ability to deliver production to market.

Other factors that may affect the demand for oil, gas and petrochemicals, and therefore impact the company's results, include technological improvements in energy efficiency; seasonal weather patterns, which affect the demand for energy associated with heating and cooling; increased competitiveness of alternative energy sources; and changes in technology or consumer preferences that alter fuels choices, such as toward alternative fueled vehicles.

### **Reserve estimates**

There are numerous uncertainties inherent in estimating quantities of reserves, including many factors beyond the company's control. In general, estimates of economically recoverable oil and natural gas reserves and the future net cash flow are based upon a number of factors and assumptions made as of the date on which the reserve estimates were determined, such as geological and engineering estimates which have inherent uncertainties, the assumed effects of regulation, including royalty frameworks, by governmental agencies and future commodity prices and operating costs, all of which may vary considerably from actual results. Actual production, revenues, taxes, and development, abandonment and operating expenditures with respect to reserves will likely vary from such estimates, and such variances could be material.

### **Project factors**

The company's results depend on its ability to develop and operate major projects and facilities as planned. The company's results will, therefore, be affected by events or conditions that affect the advancement, operation, cost or results of such projects or facilities. These risks include the company's ability to obtain the necessary environmental and other regulatory approvals; changes in resources and operating costs including the availability and cost of materials, equipment and qualified personnel; the impact of general economic, business and market conditions; and the occurrence of unforeseen technical difficulties.

### **Management effectiveness**

In addition to external economic and political factors, our future business results also depend on our ability to manage successfully those factors that are at least in part within our control. The extent to which Imperial manages these factors will impact our performance relative to competition. For projects in which the company is not the operator, Imperial depends on the management effectiveness of one or more co-venturers whom the company does not control.

### **Item 1B. Unresolved staff comments**

None.

### **Item 2. Properties**

Reference is made to Item 1 above.

**Item 3. Legal proceedings**

Not applicable.

**Item 4. Mine safety disclosures**

Not applicable.

**Table of Contents****PART II****Item 5. Market for registrant's common equity, related stockholder matters and issuer purchases of equity securities****Market information**

The company's common shares trade on the Toronto Stock Exchange and the NYSE MKT LLC, a subsidiary of NYSE Euronext. Reference is made to the Quarterly financial and stock trading data portion of the Financial section on page 82 of this report. The closing price for Imperial Oil Limited common shares on the Toronto Stock Exchange was \$41.38 as at February 10, 2016.

**Dividends**

The following table sets forth the frequency and amount of all cash dividends declared by the company on its outstanding common shares for the two most recent fiscal years.

	2015				2014			
Dollars	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Q1
Declared dividend per share:	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13

**Information for security holders outside Canada**

Cash dividends paid to shareholders resident in countries with which Canada has an income tax convention are usually subject to a Canadian non-resident withholding tax of 15 percent, but may vary from one tax convention to another.

The withholding tax is reduced to 5 percent on dividends paid to a corporation resident in the U.S. that owns at least 10 percent of the voting shares of the company.

The company is a qualified foreign corporation for purposes of the reduced U.S. capital gains tax rates, which are applicable to dividends paid by U.S. domestic corporations and qualified foreign corporations.

There is no Canadian tax on gains from selling shares or debt instruments owned by non-residents not carrying on business in Canada, as long as the shareholder does not, in any given 60 month period, own 25 percent or more of the shares of the company.

As of February 10, 2016 there were 11,585 holders of record of common shares of the company.

Between October 1, 2015 and December 31, 2015, pursuant to the company's restricted stock unit plan, 275 shares were issued to employees outside the U.S. in reliance on Regulation S under the *Securities Act*, and 650 shares were issued to a seconded employee in reliance on the section 4(a)(2) exemption under the *Securities Act*.

**Table of Contents****Securities authorized for issuance under equity compensation plans**

Sections of the company's management proxy circular are contained in the Proxy information section, starting on page 83. The company's management proxy circular is prepared in accordance with Canadian securities regulations.

Reference is made to the section under the IV. Company executives and executive compensation :

Entitled Performance graph within the Compensation discussion and analysis section on page 133 of this report; and

Entitled Equity compensation plan information , within the Compensation discussion and analysis section , on page 138 of this report.

**Issuer purchases of equity securities**

	Total number of shares purchased	Average price paid per share (dollars)	Total number of shares purchased as part of publicly announced plans or programs	Maximum number of shares that may yet be purchased under the plans or programs (a)
October 2015	-	-	-	<b>1,000,000</b>
(October 1 - October 31)				
November 2015	-	-	-	<b>1,000,000</b>
(November 1 - November 30)				
December 2015	<b>925</b>	<b>41.79</b>	<b>925</b>	<b>999,075</b>
(December 1 - December 31)				

(a) On June 22, 2015, the company announced by news release that it had received final approval from the Toronto Stock Exchange for a new normal course issuer bid and will continue its share repurchase program. The new program enables the company to repurchase up to a maximum of 1,000,000 common shares during the period June 25, 2015 to June 24, 2016. The program will end when the company has purchased the maximum allowable number of shares, or on June 24, 2016.

**Item 6. Selected financial data**

millions of dollars	<b>2015</b>	2014	2013	2012	2011
Operating revenues	<b>26,756</b>	36,231	32,722	31,053	30,474

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Net income	<b>1,122</b>	3,785	2,828	3,766	3,371
Total assets at year-end	<b>43,170</b>	40,830	37,218	29,364	25,429
Long-term debt at year-end	<b>6,564</b>	4,913	4,444	1,175	843
Total debt at year-end	<b>8,516</b>	6,891	6,287	1,647	1,207
Other long-term obligations at year-end	<b>3,597</b>	3,565	3,091	3,983	3,876
dollars					
Net income per share basic	<b>1.32</b>	4.47	3.34	4.44	3.98
Net income per share diluted	<b>1.32</b>	4.45	3.32	4.42	3.95
Dividends declared	<b>0.54</b>	0.52	0.49	0.48	0.44

Reference is made to the table setting forth exchange rates for the Canadian dollar, expressed in U.S. dollars, on page 2 of this report.

**Item 7. Management's discussion and analysis of financial condition and results of operations**

Reference is made to the section entitled "Management's discussion and analysis of financial condition and results of operations" in the Financial section, starting on page 32 of this report.



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**Item 7A. Quantitative and qualitative disclosures about market risk**

Reference is made to the section entitled "Market risks and other uncertainties" in the Financial section, starting on page 42 of this report. All statements other than historical information incorporated in this Item 7A are forward-looking statements. The actual impact of future market changes could differ materially due to, among other things, factors discussed in this report.

**Item 8. Financial statements and supplementary data**

Reference is made to the table of contents in the Financial section on page 28 of this report:

Consolidated financial statements, together with the report thereon of PricewaterhouseCoopers LLP (PwC) dated February 23, 2016 beginning with the section entitled "Report of independent registered public accounting firm" on page 50 and continuing through note 17, "Other comprehensive income information" on page 77;

Supplemental information on oil and gas exploration and production activities (unaudited) starting on page 78; and

Quarterly financial and stock trading data (unaudited) on page 82.

**Item 9. Changes in and disagreements with accountants on accounting and financial disclosure**

None.

**Item 9A. Controls and procedures**

As indicated in the certifications in Exhibit 31 of this report, the company's principal executive officer and principal financial officer have evaluated the company's disclosure controls and procedures as of December 31, 2015. Based on that evaluation, these officers have concluded that the company's disclosure controls and procedures are effective in ensuring that information required to be disclosed by the company in the reports that it files or submits under the Securities Exchange Act of 1934, as amended, is accumulated and communicated to them in a manner that allows for timely decisions regarding required disclosures and are effective in ensuring that such information is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms.

Reference is made to page 49 of this report for "Management's report on internal control over financial reporting" and page 50 for the "Report of independent registered public accounting firm" on the company's internal control over financial reporting as of December 31, 2015.

There has not been any change in the company's internal control over financial reporting during the last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting.

**Item 9B. Other information**

None.

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**PART III**

**Item 10. Directors, executive officers and corporate governance**

Sections of the company's management proxy circular are contained in the Proxy information section, starting on page 83. The company's management proxy circular is prepared in accordance with Canadian securities regulations.

The company currently has seven directors. The articles of the company require that the board have between five and fifteen directors. Each director is elected to hold office until the close of the next annual meeting. Each of the seven individuals listed in the section entitled "Director information" on pages 84 to 92 of this report have been nominated for election at the annual meeting of shareholders to be held April 29, 2016. All of the nominees are directors and have been since the dates indicated.

Reference is made to the sections under "III. Board of directors" :

Director information , on pages 84 to 92 of this report;

The table entitled "Audit committee" under "Board and committee structure" , on page 99 of this report; and

Other public company directorships , on page 108 of this report.

Reference is made to the sections under "IV. Company executives and executive compensation" :

Named executive officers of the company and Other executive officers of the company , on pages 114 to 116 of this report.

Reference is made to the sections under "V. Other important information" :

Largest shareholder , on page 140 of this report; and

Ethical business conduct , starting on page 142 of this report.

**Item 11. Executive compensation**

Sections of the company's management proxy circular are contained in the Proxy information section, starting on page 83. The company's management proxy circular is prepared in accordance with Canadian securities regulations.

Reference is made to the sections under "III. Board of directors" :

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Share ownership guidelines of independent directors and chairman, president and chief executive officer , on page 106 of this report; and

Directors compensation , on pages 109 to 113 of this report.

Reference is made to the following sections under IV. Company executives and executive compensation :

Letter to Shareholders from the executive resources committee on executive compensation , starting on page 117 of this report; and

Compensation discussion and analysis , on pages 119 to 139 of this report.

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### **Item 12. Security ownership of certain beneficial owners and management and related stockholder matters**

Sections of the company's management proxy circular are contained in the Proxy information section, starting on page 83. The company's management proxy circular is prepared in accordance with Canadian securities regulations.

Reference is made to the section under IV. Company executives and executive compensation entitled Equity compensation plan information, within the Compensation discussion and analysis section, on page 138 of this report.

Reference is made to the section under V. Other important information entitled Largest shareholder, on page 140 of this report.

Reference is also made to the security ownership information for directors and executive officers of the company under the preceding Items 10 and 11. As of February 10, 2016, B.A. Babcock was the owner of 24,122 common shares of the company and held 112,000 restricted stock units of the company. B.P. Cahir held 16,200 restricted stock units of the company. W.J. Hartnett was the owner of 13,990 common shares of the company and held 89,675 restricted stock units of the company. B.G. Merkel was the owner of 7,071 common shares of the company and held 76,950 restricted stock units of the company.

The directors and the executive officers of the company, whose compensation for the year-ended December 31, 2015 is described in the sections under III. Board of directors starting on page 84 and IV. Company executives and executive compensation starting on page 114, consist of 18 persons, who, as a group, own beneficially 159,895 common shares of the company, being approximately 0.02 percent of the total number of outstanding shares of the company, and 468,849 shares of Exxon Mobil Corporation (including 412,500 restricted shares). This information not being within the knowledge of the company has been provided by the directors and the executive officers individually. As a group, the directors and executive officers of the company held restricted stock units to acquire 525,171 common shares of the company, as of February 10, 2016.

### **Item 13. Certain relationships and related transactions, and director independence**

Sections of the company's management proxy circular are contained in the Proxy information section, starting on page 83. The company's management proxy circular is prepared in accordance with Canadian securities regulations.

Reference is made to the section under V. Other important information entitled Transactions with Exxon Mobil Corporation, on page 140 of this report.

Reference is made to the section under III. Board of directors entitled Independence of the directors, on page 96 of this report.

D.G. (Jerry) Wascom is deemed a non-independent member of the executive resources committee, environmental, health and safety committee, nominations and corporate governance committee and contributions committee under the relevant standards. As an employee of ExxonMobil Refining & Supply Company, D.G. (Jerry) Wascom is independent of the company's management and is able to assist these committees by reflecting the perspective of the company's shareholders.

### **Item 14. Principal accountant fees and services**

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Sections of the company's management proxy circular are contained in the Proxy information section, starting on page 83. The company's management proxy circular is prepared in accordance with Canadian securities regulations.

Reference is made to the section under V. Other important information entitled Auditor information, on page 141 of this report.

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**PART IV**

**Item 15. Exhibits, financial statement schedules**

Reference is made to the table of contents in the Financial section on page 28 of this report.

The following exhibits, numbered in accordance with Item 601 of Regulation S-K, are filed as part of this report:

- (3)
  - (i) Restated certificate and articles of incorporation of the company (Incorporated herein by reference to Exhibit (3.1) to the company's Form 8-Q filed on May 3, 2006 (File No. 0-12014)).
  - (ii) By-laws of the company (Incorporated herein by reference to Exhibit (3)(ii) to the company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2003 (File No. 0-12014)).
- (10) (ii)
  - (1) Syncrude Ownership and Management Agreement, dated February 4, 1975 (Incorporated herein by reference to Exhibit 13(b) of the company's Registration Statement on Form S-1, as filed with the Securities and Exchange Commission on August 21, 1979 (File No. 2-65290)).
  - (2) Letter Agreement, dated February 8, 1982, between the Government of Canada and Esso Resources Canada Limited, amending Schedule C to the Syncrude Ownership and Management Agreement filed as Exhibit (10)(ii)(2) (Incorporated herein by reference to Exhibit (20) of the company's Annual Report on Form 10-K for the year ended December 31, 1981 (File No. 2-9259)).
  - (3) Alberta Cold Lake Crown Agreement, dated June 25, 1984, relating to the royalties payable and the assurances given in respect of the Cold Lake production project (Incorporated herein by reference to Exhibit (10)(ii)(11) of the company's Annual Report on Form 10-K for the year ended December 31, 1986 (File No. 0-12014)).
  - (4) Amendment to Syncrude Ownership and Management Agreement, dated March 10, 1982 (Incorporated herein by reference to Exhibit (10)(ii)(14) of the company's Annual Report on Form 10-K for the year ended December 31, 1989 (File No. 0-12014)).
  - (5) Alberta Cold Lake Transition Agreement, effective January 1, 2000, relating to the royalties payable in respect of the Cold Lake production project and terminating the Alberta Cold Lake Crown Agreement. (Incorporated herein by reference to Exhibit (10)(ii)(20) of the company's Annual Report on Form 10-K for the year ended December 31, 2001 (File No. 0-12014)).
  - (6) Amendment to Syncrude Ownership and Management Agreement effective January 1, 2001 (Incorporated herein by reference to Exhibit (10)(ii)(22) of the company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2002 (File No. 0-12014)).
  - (7) Amendment to Syncrude Ownership and Management Agreement effective September 16, 1994 (Incorporated herein by reference to Exhibit (10)(ii)(23) of the company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2002 (File No. 0-12014)).
  - (8) Syncrude Bitumen Royalty Option Agreement, dated November 18, 2008, setting out the terms of the exercise by the Syncrude Joint Venture owners of the option contained in the existing Crown Agreement to convert to a royalty payable on the value of bitumen, effective January 1, 2009 (Incorporated herein by reference to Exhibit 1.01(10)(ii)(2) of the company's Form 8-K filed on November 19, 2008 (File No. 0-12014)).
- (iii)(A)
  - (1) Form of Letter relating to Supplemental Retirement Income (Incorporated herein by reference to Exhibit (10)(c)(3) of the company's Annual Report on Form 10-K for the year ended

- December 31, 1980 (File No. 2-9259)).
- (2) Deferred Share Unit Plan for Nonemployee Directors. (Incorporated herein by reference to Exhibit (10)(iii)(A)(6) of the company's Annual Report on Form 10-K for the year ended December 31, 1998 (File No. 0-12014)).
  - (3) Amended Restricted Stock Unit Plan with respect to Restricted Stock Units granted in 2008 and subsequent years, as amended effective November 20, 2008 (Incorporated herein by reference to Exhibit 9.01(c)[10(iii)(A)(5)] of the company's Form 8-K filed on November 25, 2008 (File No. 0-12014)).
  - (4) Short Term Incentive Program for selected executives effective February 2, 2012 (Incorporated herein by reference to Exhibit 9.01(c)[10(iii)(A)(1)] of the company's Form 8-K filed on February 7, 2012 (File No. 0-12014)).
  - (5) Amended Restricted Stock Unit Plan with respect to Restricted Stock Units granted in 2011 and subsequent years, as amended effective November 14, 2011 (Incorporated herein by reference to Exhibit 9.01(c)[10(iii)(A)(1)] of the company's Form 8-K filed on February 23, 2012 (File No. 0-12014)).



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- (21) Imperial Oil Resources Limited, McColl-Frontenac Petroleum Inc. and Imperial Oil Resources Ventures Limited, all incorporated in Canada, are wholly-owned subsidiaries of the company. The names of all other subsidiaries of the company are omitted because, considered in the aggregate as a single subsidiary, they would not constitute a significant subsidiary as of December 31, 2015.
- (23) (ii) (A) Consent of Independent Registered Public Accounting Firm (PricewaterhouseCoopers LLP).
- (31.1) Certification by principal executive officer of Periodic Financial Report pursuant to Rule 13a-14(a).
- (31.2) Certification by principal financial officer of Periodic Financial Report pursuant to Rule 13a-14(a).
- (32.1) Certification by chief executive officer of Periodic Financial Report pursuant to Rule 13a-14(b) and 18 U.S.C. Section 1350.
- (32.2) Certification by chief financial officer of Periodic Financial Report pursuant to Rule 13a-14(b) and 18 U.S.C. Section 1350.

Copies of Exhibits may be acquired upon written request of any shareholder to the investor relations manager, Imperial Oil Limited, 505 Quarry Park Boulevard S.E., Calgary, Alberta T2C 5N1, and payment of processing and mailing costs.

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**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf on February 23, 2016 by the undersigned, thereunto duly authorized.

Imperial Oil Limited

By */s/ Richard M. Kruger*  
(Richard M. Kruger, Chairman, President  
and Chief Executive Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below on February 23, 2016 by the following persons on behalf of the registrant and in the capacities indicated.

Signature	Title
<i>/s/ Richard M. Kruger</i> (Richard M. Kruger)	Chairman, President and Chief Executive Officer and Director (Principal Executive Officer)
<i>/s/ Beverley A. Babcock</i> (Beverley A. Babcock)	Senior Vice-President, Finance and Administration, and Controller (Principal Financial Officer and Principal Accounting Officer)
<i>/s/ Krystyna T. Hoeg</i> (Krystyna T. Hoeg)	Director
<i>/s/ Jack M. Mintz</i> (Jack M. Mintz)	Director
<i>/s/ David S. Sutherland</i>	Director

(David S. Sutherland)

*/s/ D.G. (Jerry) Wascom*

Director

(D.G. (Jerry) Wascom)

*/s/ Sheelagh D. Whittaker*

Director

(Sheelagh D. Whittaker)

*/s/ Victor L. Young*

Director

(Victor L. Young)

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**Financial section**

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**Table of Contents****Financial summary (U.S. GAAP)**

millions of dollars	<b>2015</b>	2014	2013	2012	2011
Operating revenues	<b>26,756</b>	36,231	32,722	31,053	30,474
Net income by segment:					
Upstream	<b>(704)</b>	2,059	1,712	1,888	2,457
Downstream	<b>1,586</b>	1,594	1,052	1,772	884
Chemical	<b>287</b>	229	162	165	122
Corporate and Other	<b>(47)</b>	(97)	(98)	(59)	(92)
Net income	<b>1,122</b>	3,785	2,828	3,766	3,371
Cash and cash equivalents at year-end	<b>203</b>	215	272	482	1,202
Total assets at year-end	<b>43,170</b>	40,830	37,218	29,364	25,429
Long-term debt at year-end	<b>6,564</b>	4,913	4,444	1,175	843
Total debt at year-end	<b>8,516</b>	6,891	6,287	1,647	1,207
Other long-term obligations at year-end	<b>3,597</b>	3,565	3,091	3,983	3,876
Shareholders' equity at year-end	<b>23,425</b>	22,530	19,524	16,377	13,321
Cash flow from operating activities	<b>2,167</b>	4,405	3,292	4,680	4,489
Per-share information (dollars)					
Net income per share - basic	<b>1.32</b>	4.47	3.34	4.44	3.98
Net income per share - diluted	<b>1.32</b>	4.45	3.32	4.42	3.95
Dividends declared	<b>0.54</b>	0.52	0.49	0.48	0.44

**Table of Contents****Frequently used terms**

Listed below are definitions of several of Imperial's key business and financial performance measures. The definitions are provided to facilitate understanding of the terms and how they are calculated.

**Capital employed**

Capital employed is a measure of net investment. When viewed from the perspective of how capital is used by the business, it includes the company's property, plant and equipment and other assets, less liabilities, excluding both short-term and long-term debt. When viewed from the perspective of the sources of capital employed in total for the company, it includes total debt and equity. Both of these views include the company's share of amounts applicable to equity companies, which the company believes should be included to provide a more comprehensive measurement of capital employed.

millions of dollars	2015	2014	2013
<b>Business uses: asset and liability perspective</b>			
Total assets	<b>43,170</b>	40,830	37,218
Less: total current liabilities excluding notes and loans payable	<b>(3,441)</b>	(4,003)	(5,245)
total long-term liabilities excluding long-term debt	<b>(7,788)</b>	(7,406)	(6,162)
Add: Imperial's share of equity company debt	<b>18</b>	19	23
Total capital employed	<b>31,959</b>	29,440	25,834
<b>Total company sources: debt and equity perspective</b>			
Notes and loans payable	<b>1,952</b>	1,978	1,843
Long-term debt	<b>6,564</b>	4,913	4,444
Shareholders' equity	<b>23,425</b>	22,530	19,524
Add: Imperial's share of equity company debt	<b>18</b>	19	23
Total capital employed	<b>31,959</b>	29,440	25,834
<b>Return on average capital employed (ROCE)</b>			

ROCE is a financial performance ratio. From the perspective of the business segments, ROCE is annual business-segment net income divided by average business-segment capital employed (an average of the beginning and end-of-year amounts). Segment net income includes Imperial's share of segment net income of equity companies, consistent with the definition used for capital employed, and excludes the cost of financing. The company's total ROCE is net income excluding the after-tax cost of financing divided by total average capital employed. The company has consistently applied its ROCE definition for many years and views it as the best measure of historical capital productivity in a capital-intensive, long-term industry to both evaluate management's performance and demonstrate to shareholders that capital has been used wisely over the long term. Additional measures, which are more cash flow based, are used to make investment decisions.

millions of dollars	2015	2014	2013
Net income	<b>1,122</b>	3,785	2,828
Financing costs (after tax), including Imperial's share of equity companies	<b>30</b>	1	1

Net income excluding financing costs	<b>1,152</b>	3,786	2,829
Average capital employed	<b>30,700</b>	27,637	21,941
Return on average capital employed (percent) corporate total	<b>3.8</b>	13.7	12.9

**Table of Contents****Cash flow from operating activities and asset sales**

Cash flow from operating activities and asset sales is the sum of the net cash provided by operating activities and proceeds from asset sales reported in the consolidated statement of cash flows. This cash flow reflects the total sources of cash both from operating the company's assets and from the divesting of assets. The company employs a long-standing and regular disciplined review process to ensure that all assets are contributing to the company's strategic objectives. Assets are divested when they no longer meet these objectives or are worth considerably more to others. Because of the regular nature of this activity, the company believes it is useful for investors to consider sales proceeds together with cash provided by operating activities when evaluating cash available for investment in the business and financing activities, including shareholder distributions.

millions of dollars	2015	2014	2013
Cash from operating activities	2,167	4,405	3,292
Proceeds from asset sales	142	851	160
Total cash flow from operating activities and asset sales	2,309	5,256	3,452

**Operating costs**

Operating costs are the costs during the period to produce, manufacture, and otherwise prepare the company's products for sale including energy costs, staffing and maintenance costs. They exclude the cost of raw materials, taxes and interest expense and are on a before-tax basis. While the company is responsible for all revenue and expense elements of net income, operating costs, as defined below, represent the expenses most directly under the company's control and therefore, are useful in evaluating the company's performance.

**Reconciliation of Operating Costs**

millions of dollars	2015	2014	2013
<b>From Imperial's Consolidated Statement of Income</b>			
Total expenses	24,965	31,945	29,192
Less:			
Purchases of crude oil and products	15,284	22,479	20,155
Federal excise tax	1,568	1,562	1,423
Financing costs	39	4	11
Subtotal	16,891	24,045	21,589
Imperial's share of equity company expenses	40	39	37
Total operating costs	8,114	7,939	7,640

**Components of Operating Costs**

millions of dollars	2015	2014	2013
<b>From Imperial's Consolidated Statement of Income</b>			
Production and manufacturing	5,434	5,662	5,288
Selling and general	1,117	1,075	1,082
Depreciation and depletion	1,450	1,096	1,110



Exploration	<b>73</b>	67	123
Subtotal	<b>8,074</b>	7,900	7,603
Imperial's share of equity company expenses	<b>40</b>	39	37
Total operating costs	<b>8,114</b>	7,939	7,640

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### **Management's discussion and analysis of financial condition and results of operations**

#### **Overview**

The following discussion and analysis of Imperial's financial results, as well as the accompanying financial statements and related notes to consolidated financial statements to which they refer, are the responsibility of the management of Imperial Oil Limited.

The company's accounting and financial reporting fairly reflect its straightforward business model involving the extracting, refining and marketing of hydrocarbons and hydrocarbon-based products. The company's business involves the production (or purchase), manufacture and sale of physical products, and all commercial activities are directly in support of the underlying physical movement of goods.

Imperial, with its resource base, financial strength, disciplined investment approach and technology portfolio, is well-positioned to participate in substantial investments to develop new Canadian energy supplies. The company's integrated business model, with significant investments in Upstream, Downstream and Chemical segments, reduces the company's risk from changes in commodity prices. While commodity prices are volatile on a short-term basis depending upon supply and demand, Imperial's investment decisions are based on its long-term business outlook, using a disciplined approach in selecting and pursuing the most attractive investment opportunities. The corporate plan is a fundamental annual management process that is the basis for setting near-term operating and capital objectives, in addition to providing the longer-term economic assumptions used for investment evaluation purposes. Potential investment opportunities are tested over a wide range of economic scenarios to establish the resiliency of each opportunity. Once investments are made, a reappraisal process is completed to ensure relevant lessons are learned and improvements are incorporated into future projects.

The term "project" as used in this report can refer to a variety of different activities and does not necessarily have the same meaning as in any government payment transparency reports.

#### **Business environment and risk assessment**

##### **Long-term business outlook**

By 2040, the world's population is projected to grow to approximately nine billion people, or about 1.8 billion more than in 2014. Coincident with this population increase, the company expects worldwide economic growth to average close to 3 percent per year. As economies and population grow, and as living standards improve for billions of people, the need for energy will continue to rise. Even with significant efficiency gains, global energy demand is projected to rise by about 25 percent from 2014 to 2040. This demand increase is expected to be concentrated in developing countries (i.e., those that are not member nations of the Organization for Economic Cooperation and Development).

As expanding prosperity drives global energy demand higher, increasing use of energy-efficient and lower-emission fuels, technologies and practices will continue to help significantly reduce energy consumption and emissions per unit of economic output over time. Substantial efficiency gains are likely in all key aspects of the world economy through 2040, affecting energy requirements for transportation, power generation, industrial applications, and residential and commercial needs.

Energy for transportation - including cars, trucks, ships, trains and airplanes - is expected to increase by about 30 percent from 2014 to 2040. The growth in transportation energy demand is likely to account for approximately 60 percent of the growth in liquid fuels demand worldwide over this period. Nearly all the world's transportation fleets

will continue to run on liquid fuels which are abundant, widely available, easy to transport, and provide a large quantity of energy in small volumes.

Demand for electricity around the world is likely to increase approximately 65 percent from 2014 to 2040, led by growth in developing countries. Consistent with this projection, power generation is expected to remain the largest and fastest-growing major segment of global energy demand. Meeting the expected growth in power demand will require a diverse set of energy sources. Today, coal-fired generation provides about 40 percent of the world's electricity, however by 2040 coal-fired generation is likely to decline to about 30 percent, in part as a

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**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)**

result of policies to improve air quality, reduce greenhouse gas emissions and the risk of climate change. From 2014 to 2040, the amount of electricity generated using natural gas, nuclear power, and renewables are likely to double. By 2040, coal, natural gas and renewables are projected to be generating approximately the same share of electricity worldwide, although significant differences will exist across regions reflecting a wide range of factors including the cost and availability of energy types.

Liquid fuels provide the largest share of global energy supplies today due to their broad-based availability, affordability and ease of transportation, distribution and storage to meet consumer needs. By 2040, global demand for liquid fuels is expected to grow to approximately 112 million barrels of oil-equivalent per day, an increase of almost 20 percent from 2014. Globally, crude production from traditional conventional sources will likely decline slightly through 2040, with significant development activity mostly offsetting natural declines from these fields. However, this decline is expected to be more than offset by rising production from a wide variety of emerging supply sources including tight oil, deepwater, oil sands, natural gas liquids, and biofuels. The world's resource base is sufficient to meet projected demand through 2040 as technology advances continue to expand the availability of economic supply options. However, access to resources and timely investments will remain critical to meeting global needs with reliable, affordable supplies.

Natural gas is a versatile fuel, suitable for a wide variety of applications, and is expected to be the fastest growing major fuel source from 2014 to 2040, meeting about 40 percent of energy demand growth. Global demand is expected to rise about 50 percent from 2014 to 2040, with about 45 percent of that increase in the Asia Pacific region. Helping meet these needs will be significant growth in supplies of unconventional gas - the natural gas found in shale and other rock formations that was once considered uneconomic to produce. In total, about 60 percent of the growth in natural gas supplies is expected to be from unconventional sources. However, it is expected conventionally-produced natural gas will remain the cornerstone of supply meeting about two-thirds of global demand in 2040.

The world's energy mix is highly diverse and will remain so through 2040. Oil is expected to remain the largest source of energy with its share remaining close to one-third in 2040. Coal is currently the second largest source of energy, but it is likely to lose that position to natural gas in the 2025 to 2030 timeframe. The share of natural gas is expected to exceed 25 percent by 2040, while the share of coal falls to less than 20 percent. Nuclear power is projected to grow significantly, as many nations expand nuclear capacity to address rising electricity needs as well as energy security and environmental issues. Total renewable energy is likely to reach close to 15 percent of total energy by 2040, with biomass, hydro and geothermal contributing combined share of more than 10 percent. Total energy supplied from wind, solar and biofuels is expected to increase close to 250 percent from 2014 to 2040, when they will be approaching 4 percent of world energy.

The company anticipates that the world's available oil and gas resource base will grow not only from new discoveries, but also from reserve increases in previously discovered fields. Technology will underpin these increases. The cost to develop and supply these resources will be significant. According to the International Energy Agency, the investment required to meet total oil and gas supply requirements worldwide over the period 2015 to 2040 will be about US\$25 trillion (measured in 2014 dollars) or approximately US\$1 trillion per year on average.

International accords and underlying regional and national regulations for greenhouse gas reduction are evolving with uncertain timing and outcome, making it difficult to predict their business impact. Imperial's estimates of potential costs related to possible public policies covering energy-related greenhouse gas emissions are consistent with those

outlined in Exxon Mobil Corporation's (ExxonMobil) long-term *Outlook for Energy*, which is used as a foundation for assessing the business environment and Imperial's investment evaluations.

The information provided in the long-term business outlook includes internal estimates and forecasts based upon internal data and analyses as well as publicly available information from external sources including the International Energy Agency.

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**Management's discussion and analysis of financial condition and results of operations (continued)**

**Upstream**

Imperial produces crude oil and natural gas for sale predominantly into the North American markets. Imperial's Upstream business strategies guide the company's exploration, development, production, research and gas marketing activities. These strategies include capturing material and accretive opportunities to continually high-grade the resource portfolio, exercising a disciplined approach to investing and cost management, developing and applying high-impact technologies, pursuing productivity and efficiency gains, and growing profitable oil and gas production. These strategies are underpinned by a relentless focus on operational excellence, commitment to innovative technologies, development of employees and investment in the communities within which the company operates.

Imperial has a significant oil and gas resource base and a large inventory of potential projects. The company continues to evaluate opportunities to support the company's long-term growth. With the relative maturity of conventional production in established producing areas, Imperial's production is expected to come increasingly from oil sands and unconventional sources.

Prices for most of the company's crude oil sold are referenced to West Texas Intermediate (WTI) oil markets, a common benchmark for mid-continent North American markets. In 2015, the average WTI crude oil price, in U.S. dollars, was lower versus 2014. The upstream industry environment has been challenged throughout 2015 with abundant crude oil supply causing commodity prices to decrease to levels not seen since 2004, while natural gas prices remained depressed. However, current market conditions are not necessarily indicative of future conditions. The markets for crude oil and natural gas have a history of significant price volatility. Imperial believes prices over the long term will continue to be driven by market supply and demand, with the demand side largely being a function of global economic growth. On the supply side, prices may be significantly impacted by political events, the actions of the Organization of Petroleum Exporting Countries (OPEC) and other large government resource owners, and other factors. To manage the risks associated with price, Imperial evaluates annual plans and all investments across a wide range of price scenarios. The company's assessment is that its operations will exhibit strong performance over the long-term. This is the outcome of disciplined investment, cost management, asset enhancement programs and application of advanced technologies.

**Downstream**

Imperial's Downstream serves predominantly Canadian markets with refining, logistics and marketing assets. Imperial's Downstream business strategies guide the company's activities. These strategies include targeting best-in-class operations in all aspects of the business, maximizing value from advanced technologies, capitalizing on integration across Imperial's businesses, selectively investing for resilient and advantaged returns, operating efficiently and effectively, and providing valued products and services to customers.

Imperial owns and operates three refineries in Canada, with aggregate distillation capacity of 421,000 barrels per day. Imperial's fuels marketing business includes retail operations across Canada serving customers through more than 1,700 Esso-branded retail service stations, as well as wholesale and industrial operations through a network of primary distribution terminals.

Growth in global demand, stimulated by lower prices for crude oil and transportation fuels, resulted in higher refinery utilization and margins outside of North America. Refineries in North America continue to benefit from lower raw

material and energy costs due to the abundant supply of crude oil and natural gas.

Refining margins are largely driven by differences in commodity prices and are a function of the difference between what a refinery pays for its raw materials (primarily crude oil) and market prices for the range of products produced (primarily gasoline, heating oil, diesel oil, jet fuel and fuel oil). Crude oil and many products are widely traded with published prices, including those quoted on the New York Mercantile Exchange. Prices for these commodities are determined by global and regional marketplaces and are influenced by many factors, including supply/demand balances, inventory levels, industry refinery operations, import/export balances, currency fluctuations, seasonal demand, weather and political climate.

Imperial's long-term outlook is that the North American refining industry will remain intensely competitive. Additionally, as described in more detail in Item 1A Risk Factors, potential carbon policy and other climate-related regulations, as well as the continued growth in biofuels mandates, could have negative impacts on the refining business. Imperial's integration across the value chain, from refining to marketing, enhances overall value in both fuels and lubricants businesses.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)**

In the retail fuels marketing business, about 470 of the 1,700 Esso-branded retail site network are company-owned. The remainder operates under a branded wholesaler model whereby Imperial supplies fuels to independent third parties who own and operate retail sites in alignment with Esso brand standards. In January 2015, the company announced that it will evaluate its operating model for the company-owned retail stations. The company is evaluating ways of extending the branded wholesaler operating model to the remaining company-owned retail stations as part of Imperial's Esso branded growth strategy.

**Chemical**

In North America, unconventional natural gas continued to provide advantaged ethane feedstock for steam crackers and a favourable margin environment for integrated chemical producers. The company's strategy for its Chemical business is to reduce costs and maximize value by continuing the integration of its chemical plant in Sarnia with the refinery. The company also benefits from its integration within ExxonMobil's North American chemical businesses, enabling Imperial to maintain a leadership position in its key market segments.

**Results of operations****Consolidated**

millions of dollars	<b>2015</b>	2014	2013
Net income	<b>1,122</b>	3,785	2,828
2015			

Net income in 2015 was \$1,122 million, or \$1.32 per share on a diluted basis, versus \$3,785 million or \$4.45 per share in 2014. Upstream recorded a net loss of \$704 million, compared to a net income of \$2,059 million in 2014. Downstream earnings decreased by \$8 million and Chemical earnings increased by \$58 million.

2014

Net income in 2014 was \$3,785 million or \$4.45 per share on a diluted basis, versus \$2,828 million or \$3.32 per share in 2013. Earnings improved in all operating segments in 2014 with Downstream earnings higher by \$542 million, Upstream earnings by \$347 million and Chemical earnings by \$67 million.

**Upstream**

millions of dollars	<b>2015</b>	2014	2013
Net income	<b>(704)</b>	2,059	1,712
2015			



Upstream recorded a net loss of \$704 million in 2015, compared to net income of \$2,059 million in the same period of 2014. Earnings in 2015 reflected lower crude oil and gas realizations of about \$3,790 million, a net charge of \$327 million associated with increased Alberta corporate income taxes, higher depreciation expense of about \$180 million, lower liquids and gas volumes of about \$80 million reflecting the impact of divested properties in the prior year and a net charge of about \$60 million associated with the inventory carrying value. These factors were partially offset by the impact of a weaker Canadian dollar of about \$770 million, the favourable impact of lower royalties of about \$700 million, higher volumes from Kearl and Cold Lake of about \$670 million and lower energy costs of about \$140 million.

## 2014

Upstream net income in 2014 was \$2,059 million, \$347 million higher than 2013. Earnings in 2014 included a gain of \$478 million from the divestment of conventional upstream producing assets, whereas 2013 included a \$73 million gain for the sale of non-operating assets. Earnings also increased due to the impacts of a weaker Canadian dollar of about \$280 million and higher liquids volumes of about \$100 million, reflecting the incremental contribution from Kearl production. These factors were partially offset by higher royalty costs of about \$220 million mainly associated with higher Canadian bitumen realizations, reduced allowable costs and the ramp up of Kearl production, as well as higher energy and other operating costs of about \$130 million, and the impact of lower crude oil realizations of about \$50 million.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)****Average realizations**

Canadian dollars	2015	2014	2013
Bitumen realizations (per barrel)	<b>32.48</b>	67.20	60.57
Synthetic oil realizations (per barrel)	<b>61.33</b>	99.58	99.69
Conventional crude oil realizations (per barrel)	<b>36.58</b>	76.03	82.41
Natural gas liquids realizations (per barrel)	<b>14.70</b>	49.11	39.26
Natural gas realizations (per thousand cubic feet)	<b>2.78</b>	4.54	3.27

2015

The average price for WTI, the main benchmark crude for North America, decreased by 47 percent compared to the same period in 2014. The company's average Canadian dollar realizations for synthetic crude oil and bitumen decreased about 38 and 52 percent in 2015 to \$61.33 and \$32.48 per barrel respectively, as the decline in benchmark crude and increased light-heavy differentials were partially offset by the weaker Canadian dollar. The company's average realizations on sales of natural gas of \$2.78 per thousand cubic feet in 2015, were lower by \$1.76 per thousand cubic feet, versus 2014.

## 2014

Prices for most of the company's liquids production are based on WTI crude oil, a common benchmark for mid-continent North American oil markets. WTI was down about \$5.14 per barrel in U.S. dollars, or about 5 percent in 2014, versus 2013. The company's average bitumen realizations in Canadian dollars in 2014 were \$67.20 per barrel versus \$60.57 per barrel in 2013, with the lower WTI benchmark price more than offset by the effect of the weaker Canadian dollar and the narrower price spread between light crude oil and bitumen. The company's average realizations from the sale of synthetic crude oil were largely unchanged from 2013, as the decrease in WTI crude oil benchmark price was essentially offset by the impact of a weaker Canadian dollar. The company's average realizations on natural gas sales of \$4.54 per thousand cubic feet in 2014 were higher by \$1.27 per thousand cubic feet versus 2013.

**Crude oil and NGLs - production and sales (a)**

thousands of barrels per day	2015		2014		2013	
	gross	net	gross	net	gross	net
Bitumen	<b>266</b>	<b>245</b>	197	161	169	142
Synthetic oil (b)	<b>62</b>	<b>58</b>	64	60	67	65
Conventional crude oil	<b>15</b>	<b>14</b>	18	14	21	17
Total crude oil production	<b>343</b>	<b>317</b>	279	235	257	224
NGLs available for sale	<b>1</b>	<b>1</b>	3	2	4	3
Total crude oil and NGL production	<b>344</b>	<b>318</b>	282	237	261	227
Bitumen sales, including diluent (c)	<b>349</b>		259		219	

NGL sales	5	8	9
<b>Natural gas - production and production available for sale (d)</b>			

millions of cubic feet per day	2015		2014		2013	
	gross	net	gross	net	gross	net
Production (e) (f)	130	125	168	156	201	189
Production available for sale (g)		94		124		152

(a) Barrels per day metric is calculated by dividing the volume for the period by the number of calendar days in the period. Gross production is the company's share of production (excluding purchases) before deduction of the mineral owners' or governments' share or both. Net production excludes those shares.

(b) The company's synthetic oil production volumes were from the company's share of production volumes in the Syncrude joint venture.

(c) Diluent is natural gas condensate or other light hydrocarbons added to bitumen to facilitate transportation to market by pipeline.

(d) Cubic feet per day metric is calculated by dividing the volume for the period by the number of calendar days in the period.

(e) Gross production of natural gas includes amounts used for internal consumption with the exception of the amounts re-injected.

(f) Net production is gross production less the mineral owners' or governments' share or both. Net production reported in the above table is consistent with production quantities in the net proved reserves disclosure.

(g) Includes sales of the company's share of net production and excludes amounts used for internal consumption.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)****2015**

Gross production of Cold Lake bitumen averaged 158,000 barrels per day in 2015, up from 146,000 barrels from the same period last year, with new production from Nabiye offsetting cycle timing of the base operations.

Gross production of Kearl bitumen averaged 152,000 barrels per day during 2015 (108,000 barrels Imperial's share) up from 72,000 barrels per day (51,000 barrels Imperial's share) in 2014, reflecting early start-up of the Kearl expansion project and improved reliability of the initial development.

During 2015, the company's share of gross production from Syncrude averaged 62,000 barrels per day, compared to 64,000 barrels in 2014.

Gross production of conventional crude oil averaged 15,000 barrels per day during 2015, compared to 18,000 barrels in 2014. The lower production volume was primarily due to the impact of properties divested during the first half of 2014.

Gross production of natural gas during 2015 was 130 million cubic feet per day, down from 168 million cubic feet in the same period last year, reflecting the impact of divested properties and natural reservoir decline.

**2014**

Gross production of Cold Lake bitumen averaged 146,000 barrels per day in 2014, down from 153,000 barrels in 2013. Lower volumes were primarily due to the cyclic nature of steaming and associated production and the impact of several unplanned third-party power outages in the first quarter.

The company's share of gross production from the Kearl initial development in 2014 was 51,000 barrels per day versus 16,000 barrels in 2013. Production at the Kearl initial development continued to ramp-up in 2014.

During the year, the company's share of gross production from Syncrude averaged 64,000 barrels per day, down from 67,000 barrels in 2013, primarily due to higher scheduled and unscheduled maintenance activities.

Gross production of conventional crude oil averaged 18,000 barrels per day in the year, versus 21,000 barrels in 2013. The lower production volume was primarily due to the impact of properties divested during the first half of 2014.

Gross production of natural gas in 2014 was 168 million cubic feet per day, down from 201 million cubic feet in 2013. The lower production volume was primarily the result of the impact of divested properties.

**Downstream**

millions of dollars	<b>2015</b>	2014	2013
Net income	<b>1,586</b>	1,594	1,052
2015			

Downstream net income was \$1,586 million, compared to \$1,594 million in the same period of 2014. Earnings decreased due to the impact of lower refinery margins of about \$590 million and higher operating costs of about \$70 million mainly associated with the Edmonton rail terminal. These factors were partially offset by the favourable impact of a weaker Canadian dollar of about \$390 million, higher fuels marketing margins and volumes of about \$170 million, lower energy costs of about \$80 million and a 2015 gain of \$17 million from the sale of assets.

#### 2014

Downstream net income was \$1,594 million, up \$542 million from 2013. Earnings from 2013 included a charge of \$280 million associated with the conversion of the Dartmouth refinery to a fuels terminal. Earnings also increased due to the impacts of improved refinery reliability and accessing advantaged crudes of about \$330 million, a weaker Canadian dollar of about \$130 million and higher marketing margins and sales volumes totaling about \$105 million. These factors were partially offset by lower refining margins of about \$230 million.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)****Refinery utilization**

thousands of barrels per day (a)	<b>2015</b>	2014	2013
Total refinery throughput (b)	<b>386</b>	394	426
Refinery capacity at December 31	<b>421</b>	421	421
Utilization of total refinery capacity (percent) (c)	<b>92</b>	94	88

**Sales**

thousands of barrels per day (a)	<b>2015</b>	2014	2013
Gasolines	<b>247</b>	244	223
Heating, diesel and jet fuels	<b>170</b>	179	160
Heavy fuel oils	<b>16</b>	22	29
Lube oils and other products	<b>45</b>	40	42
Net petroleum product sales	<b>478</b>	485	454

(a) Volumes per day are calculated by dividing total volumes for the year by the number of calendar days in the year.

(b) Crude oil and feedstocks sent directly to atmospheric distillation units.

(c) Refinery operations at the Dartmouth refinery were discontinued on September 16, 2013. Capacity utilization is calculated based on the number of days the refineries were operated as a refinery in 2013.

**2015**

Total refinery throughput was 386,000 barrels per day. Refinery throughput was 92 percent of capacity in 2015, 2 percent lower than the previous year. The lower rate was primarily a result of planned maintenance. Total net petroleum sales decreased to 478,000 barrels per day, compared with 485,000 barrels in 2014.

**2014**

Total refinery throughput was 394,000 barrels per day. Refinery throughput was 94 percent of capacity in 2014, 6 percent higher than the previous year. The higher rate was primarily a result of improved refinery reliability and increased product sales. Total net petroleum sales increased to 485,000 barrels per day, 31,000 barrels higher than 2013.

**Chemical**

millions of dollars	<b>2015</b>	2014	2013
Net income	<b>287</b>	229	162

**Sales**

thousands of tonnes	2015	2014	2013
Polymers and basic chemicals	735	741	712
Intermediate and others	210	212	228
Total petrochemical sales	945	953	940

2015

Chemical net income was a record \$287 million in 2015, an increase of \$58 million over the same period in 2014, primarily due to the impact of a weaker Canadian dollar, lower feedstock costs and higher sales of polyethylene.

2014

Chemical net income was a record \$229 million in 2014, up \$67 million over 2013. Strong margins across all major product lines and the processing of cost-advantaged ethane feedstock from Marcellus shale gas beginning in the second quarter of 2014 contributed to these best-ever results.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)****Corporate and Other**

millions of dollars	2015	2014	2013
Net income	(47)	(97)	(98)
2015			

In 2015, net income effects from Corporate & Other were negative \$47 million, compared to negative \$97 million in 2014, primarily due to lower share-based compensation charges and the impact of the Alberta corporate income tax rate increase.

2014

For 2014, net income effects from Corporate and Other were negative \$97 million, versus negative \$98 million in 2013 primarily due to changes in share-based compensation charges.

**Liquidity and capital resources****Sources and uses of cash**

millions of dollars	2015	2014	2013
Cash provided by/(used in)			
Operating activities	2,167	4,405	3,292
Investing activities	(2,884)	(4,562)	(7,735)
Financing activities	705	100	4,233
Increase/(decrease) in cash and cash equivalents	(12)	(57)	(210)

Cash and cash equivalents at end of year	203	215	272
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Investments in 2015 were primarily funded by internally generated cash flow and proceeds from asset sales, supplemented by the issuance of long-term debt. Cash that may be temporarily available as surplus to the company's immediate needs is carefully managed through counterparty quality and investment guidelines to ensure that it is secure and readily available to meet the company's cash requirements and to optimize returns.

Cash flows from operating activities are highly dependent on crude oil and natural gas prices, as well as petroleum and chemical product margins. In addition, to provide for cash flow in future periods, the company needs to continually find and develop new resources, and continue to develop and apply new technologies to existing fields in order to maintain or increase production.

The company's financial strength enables it to make large, long-term capital expenditures. Imperial's portfolio of development opportunities and the complementary nature of its business segments help mitigate the overall risks for



the company and its cash flows. Further, due to its financial strength, debt capacity and portfolio of opportunities, the risk associated with delay of any single project would not have a significant impact on the company's liquidity or ability to generate sufficient cash flows for its operations and fixed commitments.

An independent actuarial valuation of the company's registered retirement benefit plans was completed as at December 31, 2013. As a result of the valuation, the company contributed \$225 million to the registered retirement benefit plans in 2015. The next required independent actuarial valuation will be as at December 31, 2016 and the company will continue to contribute within the requirements of pension regulations. Future funding requirements are not expected to affect the company's existing capital investment plans or its ability to pursue new investment opportunities.

### **Cash flow from operating activities**

2015

Cash flow generated from operating activities was \$2,167 million, compared with \$4,405 million in 2014. Lower cash flow was due to lower earnings.

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**Management's discussion and analysis of financial condition and results of operations (continued)**

2014

Cash flow generated from operating activities was \$4,405 million, compared with \$3,292 million in 2013. Higher cash flow was primarily due to higher net income.

**Cash flow used in investing activities**

2015

Cash used in investing activities of \$2,884 million, compared with \$4,562 million in 2014, mainly reflecting the decline in additions to property, plant and equipment.

2014

Investing activities used net cash of \$4,562 million in 2014, compared to \$7,735 million in 2013. Additions to property, plant and equipment and additional investments totaled \$5,413 million, compared with \$7,899 million in 2013, which included acquisitions of \$1,602 million. Proceeds from asset sales were \$851 million compared with \$160 million in 2013.

**Cash flow from financing activities**

2015

Cash provided by financing activities was \$705 million, compared with \$100 million in 2014.

The company drew on existing loan facilities of \$1,206 million.

At the end of 2015, total debt outstanding was \$8,516 million, compared with \$6,891 million at the end of 2014.

In March 2015, the company extended the maturity date of its existing \$500 million 364-day short-term unsecured committed bank credit facility to March 2016. The company has not drawn on the facility.

In July 2015, the company increased the capacity of its existing floating rate loan facility with an affiliated company of ExxonMobil from \$6.25 billion to \$7.75 billion. All terms and conditions of the agreement remained unchanged.

In August 2015, the company extended the maturity date of its existing \$500 million long-term bank credit facility to August 2017. The company has not drawn on the facility.

Cash dividends of \$449 million were paid in 2015 compared with \$441 million in 2014. Per-share dividends paid in 2015 totaled \$0.53, up from \$0.52 in 2014.

Subsequent to December 31, 2015 and up to February 10, 2016, the company increased its total debt by \$328 million by drawing on an existing facility. The increased debt was used to supplement normal operations and capital projects.

2014

Cash provided by financing activities was \$100 million, compared with cash provided by financing activities of \$4,233 million in 2013.

The company raised new debt of \$550 million; \$430 million was drawn on existing facilities.

At the end of 2014, total debt outstanding was \$6,891 million, compared with \$6,287 million at the end of 2013.

In January 2014, the company increased the capacity of its existing floating rate loan facility with an affiliated company of ExxonMobil from \$5 billion to \$6.25 billion. All other terms and conditions of the agreement remained unchanged.

In March 2014, the company extended the maturity date of its existing \$500 million 364-day short-term unsecured committed bank credit facility to March 2015. The company has not drawn on the facility.

In August 2014, the company extended the maturity date of its existing \$500 million stand-by long-term bank credit facility to August 2016. The company has not drawn on the facility.

Cash dividends of \$441 million were paid in 2014 compared with \$407 million in 2013. Per-share dividends paid in 2014 totaled \$0.52, up from \$0.48 in 2013.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)****Financial percentages and ratios**

	2015	2014	2013
Total debt as a percentage of capital (a)	27	23	24
Interest coverage ratio – earnings basis (b)	20	61	55
(a) Current and long-term debt (page 53) and the company's share of equity company debt, divided by debt and shareholders' equity (page 53).			
(b) Net income (page 51), debt-related interest before capitalization, including the company's share of equity company interest, and income taxes (page 51), divided by debt-related interest before capitalization, including the company's share of equity company interest.			

Debt represented 27 percent of the company's capital structure at the end of 2015.

Debt-related interest incurred in 2015, before capitalization of interest, was \$102 million, compared with \$82 million in 2014. The average effective interest rate on the company's debt was 1.3 percent in 2015, compared with 1.3 percent in 2014.

The company's financial strength, as evidenced by the above financial ratios, represents a competitive advantage of strategic importance. The company's sound financial position gives it the opportunity to access capital markets in the full range of market conditions and enables the company to take on large, long-term capital commitments in the pursuit of maximizing shareholder value.

The company does not use any derivative instruments to offset exposures associated with hydrocarbon prices, currency exchange rates and interest rates that arise from existing assets, liabilities and transactions. The company does not engage in speculative derivative activities nor does it use derivatives with leveraged features.

**Commitments**

The following table shows the company's commitments outstanding at December 31, 2015. It combines data from the consolidated balance sheet and from individual notes to the consolidated financial statements, where appropriate.

millions of dollars	Financial statement note reference	Payment due by period			Total amount
		2016	2017 to 2020	2021 and beyond	
Long-term debt (a)	Note 14	-	6,050	514	6,564
- Due in one year		28	-	-	28
Operating leases (b)	Note 13	185	237	33	455
Unconditional purchase obligations (c)	Note 9	100	382	154	636
Firm capital commitments (d)		588	130	-	718
	Note 4	225	260	1,044	1,529

## Pension and other post-retirement obligations

(e)

Asset retirement obligations (f)	Note 5	67	614	890	1,571
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Other long-term purchase agreements (g)		697	2,571	7,905	11,173
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- (a) Long-term debt includes a long-term loan from an affiliated company of ExxonMobil of \$5,952 million and capital lease obligations of \$640 million, \$28 million of which is due in one year. The payment by period for the related party long-term loan is estimated based on the right of the related party to cancel the loan on at least 370 days advance written notice.
- (b) Minimum commitments for operating leases, shown on an undiscounted basis, primarily cover office buildings, rail cars and service stations.
- (c) Unconditional purchase obligations are those long-term commitments that are non-cancelable or cancelable only under certain conditions and that third parties have used to secure financing for the facilities that will provide the contracted goods and services. They mainly pertain to pipeline throughput agreements.
- (d) Firm capital commitments related to capital projects, shown on an undiscounted basis. The largest commitments outstanding at year-end 2015 were \$381 million associated with the company's share of the Kearsarge project.
- (e) The amount by which the benefit obligations exceeded the fair value of fund assets for pension and other post-retirement plans at year-end. The payments by period include expected contributions to funded pension plans in 2016 and estimated benefit payments for unfunded plans in all years.
- (f) Asset retirement obligations represent the fair value of legal obligations associated with site restoration on the retirement of assets with determinable useful lives.
- (g) Other long-term purchase agreements are non-cancelable, long-term commitments other than unconditional purchase obligations. They include primarily raw material supply and transportation services agreements.

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)**

Unrecognized tax benefits totaling \$132 million have not been included in the company's commitments table because the company does not expect there will be any cash impact from the final settlements as sufficient funds have been deposited with the Canada Revenue Agency. Further details on the unrecognized tax benefits can be found in note 3 to the financial statements on page 62.

**Litigation and other contingencies**

As discussed in note 9 to the consolidated financial statements on page 71, a variety of claims have been made against Imperial and its subsidiaries. Based on a consideration of all relevant facts and circumstances, the company does not believe the ultimate outcome of any currently pending lawsuits against the company will have a material adverse effect on the company's operations, financial condition, or financial statements taken as a whole. There are no events or uncertainties beyond those already included in reported financial information that would indicate a material change in future operating results or financial condition.

**Capital and exploration expenditures**

millions of dollars	2015	2014
Upstream (a)	3,135	4,974
Downstream	340	572
Chemical	52	26
Other	68	82
Total	3,595	5,654

(a) Exploration expenses included.

Total capital and exploration expenditures were \$3,595 million in 2015, a decrease of \$2,059 million from 2014.

For the Upstream segment, capital expenditures were \$3,135 million, compared with \$4,974 million in 2014. Investments were primarily in support of completion of upstream growth projects.

The Nabiye expansion project at Cold Lake and the Kearl expansion project were completed in 2015, with production commencing at Nabiye in the first quarter and Kearl in the second quarter of 2015.

Planned capital and exploration expenditures in the Upstream segment are forecast at about \$1.2 billion for 2016. Investments are mainly planned for sustaining activity.

For the Downstream segment, capital expenditures were \$340 million in 2015, compared with \$572 million in 2014. In 2015, Downstream capital expenditures included capitalized leases, investment in the Edmonton rail terminal, railcar acquisitions, refinery projects to improve reliability, feedstock flexibility, energy efficiency and environmental performance, and continued upgrades to the retail network.

Planned capital expenditures for the Downstream segment in 2016 are \$300 million and focus on improving refinery reliability and environmental and safety performance, as well as continuing upgrades to the retail network.

Total capital and exploration expenditures for the company in 2016 are expected to be about \$1.8 billion. Actual spending could vary depending on the progress of individual projects.

**Market risks and other uncertainties**

Crude oil, natural gas, petroleum product and chemical prices have fluctuated in response to changing market forces. The impacts of these price fluctuations on earnings from Upstream, Downstream and Chemical operations have varied. In addition, industry crude oil and natural gas commodity prices and petroleum and chemical product prices are commonly benchmarked in U.S. dollars. The majority of Imperial's sales and purchases are related to these industry U.S. dollar benchmarks. As the company records and reports its financial results in Canadian dollars, to the extent that the Canadian/U.S. dollar exchange rate fluctuates, the company's earnings will be affected. The company's potential exposure to commodity price and margin and

**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)**

Canadian/U.S. dollar exchange rate fluctuations is summarized in the earnings sensitivities table below, which shows the estimated annual effect, under current conditions, on the company's after-tax net income.

**Earnings sensitivities (a)**

millions of dollars, after tax

Three dollars (U.S.) per barrel change in crude oil prices	+ (-)	270
Twenty-five cents per thousand cubic feet change in natural gas prices	+ (-)	15
One dollar (U.S.) per barrel change in sales margins for total petroleum products	+ (-)	180
One cent (U.S.) per pound change in sales margins for polyethylene	+ (-)	8
One-quarter percent decrease (increase) in short-term interest rates	+ (-)	14
Seven cents decrease (increase) in the value of the Canadian dollar versus the U.S. dollar	+ (-)	505

(a) The amount quoted to illustrate the impact of each sensitivity represents a change of about 10 percent in the value of the commodity or rate in question at the end of 2015. Each sensitivity calculation shows the impact on net income resulting from a change in one factor, after tax and royalties and holding all other factors constant. While these sensitivities are applicable under current conditions, they may not apply proportionately to larger fluctuations.

The sensitivity of net income to changes in crude oil prices increased from 2014 year-end by about \$20 million (after tax) a year for each one U.S. dollar per barrel change. The increase was primarily the effect of a decrease in the value of the Canadian dollar at 2015 year-end, higher production volumes and lower royalty costs due to lower crude oil prices.

The sensitivity of net income to changes in sales margins for total petroleum products increased from 2014 year-end by about \$30 million (after tax) a year for each one U.S. dollar per barrel change. The increase was primarily the effect of a decrease in the value of the Canadian dollar increasing the impact of U.S. dollar denominated crude oil and petroleum products prices on the company's revenues and earnings.

The sensitivity of net income to changes in the Canadian dollar versus the U.S. dollar increased from 2014 year-end by about \$7 million (after tax) a year for each one-cent change. The increase was primarily the result of higher production volumes and the higher impact of a one-cent change at lower exchange rates.

The global energy markets can give rise to extended periods in which market conditions are adverse to one or more of the company's businesses. Such conditions, along with the capital-intensive nature of the industry and very long lead times associated with many of our projects, underscore the importance of maintaining a strong financial position. Management views the company's financial strength as a competitive advantage.

In general, segment results are not dependent on the ability to sell and/or purchase products to/from other segments. Instead, where such sales take place, they are the result of efficiencies and competitive advantages of integrated refinery/chemical complexes. Additionally, intersegment sales are at market-based prices. The products bought and sold between segments can also be acquired in worldwide markets that have substantial liquidity, capacity and transportation capabilities. About 66 percent of the company's intersegment sales are crude oil produced by the Upstream and sold to the Downstream. Other intersegment sales include those between refineries and the chemical



plant related to raw materials, feedstocks and finished products.

Although price levels of crude oil and natural gas may rise or fall significantly over the short to medium term, due to global economic conditions, political events, decisions of OPEC and other major government resource owners and other factors, industry economics over the long term will continue to be driven by market supply and demand. Accordingly, the company evaluates the viability of all of its investments over a broad range of prices. The company's assessment is that its operations will continue to be successful over the long term in a variety of market conditions. This is the outcome of disciplined investment and asset management programs. The company will continue to closely monitor and respond to market conditions, rigorously examining operating costs and capital investments to maximize value in whatever business environment the company operates.

The company has an active asset management program in which underperforming assets are either improved to acceptable levels or considered for divestment. The asset management program includes a disciplined, regular review to ensure that all assets are contributing to the company's strategic objectives. The result is an efficient capital base, and the company has seldom had to write-down the carrying value of assets, even during periods of low commodity prices.

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### **Management's discussion and analysis of financial condition and results of operations (continued)**

Industry bitumen production may be subject to limits on transportation capacity to markets. A significant portion of the company's Upstream production is bitumen. To mitigate uncertainty associated with the timing of industry pipeline projects and pipeline capacity constraints, the company has developed rail infrastructure.

The demand for crude oil, natural gas, petroleum products and petrochemical products correlates closely with general economic growth rates. The occurrence of recessions or other periods of low or negative economic growth will typically have a direct adverse impact on the company's financial results. In challenging economic times, the company follows the proven approach to continue to focus on the business elements within its control and take a long-term view of development.

To help reduce the risks of dependence on potentially limited supply sources in established, mature conventional producing areas, the company's production is expected to come increasingly from oil sands and unconventional sources. Technology improvements have played and will continue to play an important role in the economics and the environmental performance of the current and future developments of these unconventional sources.

### **Risk management**

The company's size, strong capital structure and the complementary nature of the Upstream, Downstream and Chemical businesses reduce the company's enterprise-wide risk from changes in commodity prices and currency rates. In 2015, Downstream earnings of \$1,586 million, and Chemical earnings of \$287 million highlighted the strength of the company's value chain integration. The company's financial strength and debt capacity give it the opportunity to advance business plans in the pursuit of maximizing shareholder value in the full range of market conditions. Also, the company progresses large capital projects in a phased manner so that adjustments can be made when significant changes in market conditions occur. As a result, the company does not make use of derivative instruments to mitigate the impact of such changes. The company does not engage in speculative derivative activities or derivative trading activities nor does it use derivatives with leveraged features. Although the company does not engage in speculative derivative activities or derivative trading activities it maintains a system of controls that includes a policy covering the authorization, reporting and monitoring of derivative activity.

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**Management's discussion and analysis of financial condition and results of operations (continued)**

**Critical accounting estimates**

The company's financial statements have been prepared in accordance with United States generally accepted accounting principles (GAAP). GAAP requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and the disclosure of contingent assets and liabilities. The company's accounting and financial reporting fairly reflect its straightforward business model. Imperial does not use financing structures for the purpose of altering accounting outcomes or removing debt from the balance sheet. The company's significant accounting policies are summarized in note 1 to the consolidated financial statements on page 56.

**Oil and gas reserves**

Evaluations of oil and gas reserves are important to the effective management of upstream assets. They are an integral part of investment decisions about oil and gas properties such as whether development should proceed.

Oil and gas reserves include both proved and unproved reserves. Proved oil and gas reserves are those quantities of oil and gas which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible. Unproved reserves are those with less than reasonable certainty of recoverability and include probable reserves. Probable reserves are reserves that, together with proved reserves, are as likely as not to be recovered.

The estimation of proved reserves, which is based on the requirement of reasonable certainty, is an ongoing process based on rigorous technical evaluations, commercial and market assessments and detailed analysis of well information such as flow rates and reservoir pressure declines. The estimation of proved reserves is controlled by the company through long-standing approval guidelines. Reserve changes are made within a well-established, disciplined process driven by senior level geoscience and engineering professionals, assisted by the reserves management group which has significant technical experience, culminating in reviews with and approval by senior management and the company's board of directors. Notably, the company does not use specific quantitative reserve targets to determine compensation. Key features of the reserve estimation process are covered in Disclosure of Reserves in Item 1.

Although the company is reasonably certain that proved reserves will be produced, the timing and amount recovered can be affected by a number of factors, including completion of development projects, reservoir performance, regulatory approvals and significant changes in long-term oil and gas price levels.

Revisions can include upward or downward changes in previously estimated volumes of proved reserves for existing fields due to the evaluation or re-evaluation of already available geologic, reservoir or production data; new geologic, reservoir or production data; or changes in prices and year-end costs that are used in the estimation of reserves. Revisions can also result from significant changes in either development strategy or production equipment/facility capacity.

When crude oil and natural gas prices are in the range seen in late 2015 and early 2016 for an extended period of time, under the SEC definition of proved reserves, certain quantities of oil and natural gas, such as oil sands operations, could temporarily not qualify as proved reserves. Amounts required to be de-booked as proved reserves on an SEC basis are subject to being re-booked as proved reserves at some point in the future when price levels recover. Under

the terms of certain contractual arrangements or government royalty regimes, lower prices can also increase proved reserves attributable to the company. It is not expected that any temporary changes in reported proved reserves under SEC definitions would affect the operation of the underlying projects or alter the outlook for future production volumes.

***Impact of oil and gas reserves on depreciation***

The calculation of unit-of-production depreciation is a critical accounting estimate that measures the depreciation of upstream assets. It is the ratio of actual volumes produced to total proved reserves or proved developed reserves (those reserves recoverable through existing wells with existing equipment and operating methods) applied to the asset cost. In the event that the unit-of-production method does not result in an equitable allocation of cost over the economic life of an upstream asset, an alternative such as the straight-line method is used. The volumes produced and asset cost are known and, while proved reserves have a high probability of recoverability, they are based on estimates that are subject to some variability. While the revisions the company has made in the past are an indicator of variability, they have had little impact on the unit-of-production rates of depreciation.

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**Management's discussion and analysis of financial condition and results of operations (continued)**

***Impact of oil and gas reserves and prices and margins on testing for impairment***

The company performs impairment assessments whenever events or circumstances indicate that the carrying amounts of its long-lived assets (or group of assets) may not be recoverable through future operations or disposition. Assets are grouped at the lowest level for which there are identifiable cash flows that are largely independent of the cash flows of other groups of assets for this assessment.

Potential trigger events for impairment evaluation include:

- A significant decrease in the market price of a long-lived asset;
- A significant adverse change in the extent or manner in which an asset is being used or in its physical condition including a significant decrease in current and projected reserve volumes;
- A significant adverse change in legal factors or in the business climate that could affect the value, including an adverse action or assessment by a regulator;
- An accumulation of project costs significantly in excess of the amount originally expected;
- A current-period operating loss combined with a history and forecast of operating or cash flow losses; and
- A current expectation that, more likely than not, a long-lived asset will be sold or otherwise disposed of significantly before the end of its previously estimated useful life.

The company performs asset valuation analyses on an ongoing basis as a part of its asset management program. These analyses and other profitability reviews assist the company in assessing whether the carrying amounts of any of its assets may not be recoverable.

In general, the company does not view temporarily low prices or margins as a trigger event for conducting impairment tests. The markets for crude oil, natural gas and petroleum products have a history of significant price volatility. Although prices will occasionally drop significantly, industry prices over the long term will continue to be driven by market supply and demand. On the supply side, industry production from mature fields is declining, but this is being offset by production from new discoveries and field developments. OPEC production policies also have an impact on world oil supplies. The demand side is largely a function of global economic growth. The relative growth/decline in supply versus demand will determine industry prices over the long term, and these cannot be accurately predicted.

If there is a trigger event, the company estimates the future undiscounted cash flows of the affected properties, throughput or sales to judge the recoverability of carrying amounts. Cash flows used in impairment evaluations are developed using estimates for future crude oil and natural gas commodity prices, refining and chemical margins, and foreign currency exchange rates. Volumes are based on projected field and facility production profiles, throughput or sales. These evaluations make use of the company's price, margin, volume, and cost assumptions developed in the annual planning and budgeting process, and are consistent with the criteria management uses to evaluate investment opportunities. Where unproved reserves exist, an appropriately risk-adjusted amount of these reserves may be included in the evaluation.

An asset group would be impaired if its undiscounted cash flows were less than the asset's carrying value. Impairments are measured by the amount by which the carrying value exceeds fair value.

In light of continued weakness in the upstream industry environment in late 2015, the company undertook an effort to assess its major long-lived assets most at risk for potential impairment. The results of this assessment confirm the

absence of a trigger event and indicate that the future undiscounted cash flows associated with these assets substantially exceed the carrying value of the assets. The assessment reflects crude and natural gas prices that are generally consistent with the long-term price forecasts published by third-party industry experts. Critical to the long-term recoverability of certain assets is the assumption that either by supply and demand changes, or due to general inflation, prices will rise in the future. Should increases in long-term prices not materialize, certain of the company's assets will be at risk for impairment. Due to the inherent difficulty in predicting future commodity prices, and the relationship between industry prices and costs, it is not practicable to reasonably estimate a range of potential future impairments related to the company's long-lived assets.

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**Table of Contents****Management's discussion and analysis of financial condition and results of operations (continued)**

Significant unproved properties are assessed for impairment individually, and valuation allowances against the capitalized costs are recorded based on the estimated economic chance of success and the length of time that the company expects to hold the properties. Properties that are not individually significant are aggregated by groups and amortized based on development risk and average holding period.

Supplemental information regarding oil and gas results of operations, capitalized costs and reserves is provided following the notes to consolidated financial statements. Future prices used for any impairment tests will vary from the ones used in the supplemental oil and gas disclosure and could be lower or higher for any given year.

**Inventories**

Crude oil, products and merchandise inventories are carried at the lower of current market value or cost (generally determined under the last-in, first-out method – LIFO). If crude oil and petroleum product prices continue in the range seen in early 2016, the company could be subject to a lower of cost or market inventory valuation adjustment.

**Pension benefits**

The company's pension plan is managed in compliance with the requirements of governmental authorities and meets funding levels as determined by independent third-party actuaries. Pension accounting requires explicit assumptions regarding, among others, the discount rate for the benefit obligations, the expected rate of return on plan assets and the long-term rate of future compensation increases. All pension assumptions are reviewed annually by senior management. These assumptions are adjusted only as appropriate to reflect long-term changes in market rates and outlook. The long-term expected rate of return on plan assets of 5.75 percent used in 2015 compares to actual returns of 6.60 percent and 8.30 percent achieved over the last 10- and 20-year periods ending December 31, 2015. If different assumptions are used, the expense and obligations could increase or decrease as a result. The company's potential exposure to changes in assumptions is summarized in note 4 to the consolidated financial statements on page 63. At Imperial, differences between actual returns on plan assets and the long-term expected returns are not recorded in pension expense in the year the differences occur. Such differences are deferred, along with other actuarial gains and losses, and are amortized into pension expense over the expected average remaining service life of employees. Employee benefit expense represented about 2 percent of total expenses in 2015.

**Asset retirement obligations and other environmental liabilities**

Legal obligations associated with site restoration on the retirement of assets with determinable useful lives are recognized when they are incurred, which is typically at the time the assets are installed. The obligations are initially measured at fair value and discounted to present value. Over time, the discounted asset retirement obligation amount will be accreted for the change in its present value, with this effect included in production and manufacturing expenses. As payments to settle the obligations occur on an ongoing basis and will continue over the lives of the operating assets, which can exceed 25 years, the discount rate will be adjusted only as appropriate to reflect long-term changes in market rates and outlook. For 2015, the obligations were discounted at 6 percent and the accretion expense was \$84 million, before tax, which was significantly less than 1 percent of total expenses in the year. There would be no material impact on the company's reported financial results if a different discount rate had been used.

Asset retirement obligations are not recognized for assets with an indeterminate useful life. Asset retirement obligations for these facilities generally become firm at the time the facilities are permanently shut down and dismantled. These obligations may include the costs of asset disposal and additional soil remediation. However, these sites have indeterminate lives based on plans for continued operations, and as such, the fair value of the conditional legal obligations cannot be measured, since it is impossible to estimate the future settlement dates of such obligations. For these and non-operating assets, the company accrues provisions for environmental liabilities when it is probable that obligations have been incurred and the amount can be reasonably estimated.

Asset retirement obligations and other environmental liabilities are based on engineering estimated costs, taking into account the anticipated method and extent of remediation consistent with legal requirements, current technology and the possible use of the location. Since these estimates are specific to the locations involved, there are many individual assumptions underlying the company's total asset retirement obligations and provision for other environmental liabilities. While these individual assumptions can be subject to change, none of them is individually significant to the company's reported financial results.



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**Management's discussion and analysis of financial condition and results of operations (continued)**

**Suspended exploratory well costs**

The company continues capitalization of exploratory well costs when the well has found a sufficient quantity of reserves to justify its completion as a producing well and the company is making sufficient progress assessing the reserves and the economic and operating viability of the project. Exploratory well costs not meeting these criteria are charged to expense. The facts and circumstances that support continued capitalization of suspended wells at year-end are disclosed in note 15 to the consolidated financial statements on page 75.

**Tax contingencies**

The operations of the company are complex, and related tax interpretations, regulations and legislation are continually changing. Significant management judgment is required in the accounting for income tax contingencies and tax disputes because the outcomes are often difficult to predict.

The benefits of uncertain tax positions that the company has taken or expects to take in its income tax returns are recognized in the financial statements if management concludes that it is more likely than not that the position will be sustained with the tax authorities. For a position that is likely to be sustained, the benefit recognized in the financial statements is measured at the largest amount that is greater than 50 percent likely of being realized. A reserve is established for the difference between a position taken or expected to be taken in an income tax return and the amount recognized in the financial statements. The company's unrecognized tax benefits and a description of open tax years are summarized in note 3 to the consolidated financial statements on page 62.

**Recently issued accounting standards**

In May 2014, the Financial Accounting Standards Board (FASB) issued a new standard, *Revenue from Contracts with Customers*. The standard establishes a single revenue recognition model for all contracts with customers, eliminates industry specific requirements and expands disclosure requirements. The standard will be adopted beginning January 1, 2018.

Operating Revenue on the Consolidated statement of income includes sales and excise taxes on sales transactions. When the company adopts the standard, revenue will exclude sales-based taxes collected on behalf of third parties. This change in reporting will not impact earnings. Imperial continues to evaluate other areas of the standard and its effect on the company's financial statements.

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**Management's report on internal control over financial reporting**

Management, including the company's chief executive officer and principal accounting officer and principal financial officer, is responsible for establishing and maintaining adequate internal control over the company's financial reporting. Management conducted an evaluation of the effectiveness of internal control over financial reporting based on criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on this evaluation, management concluded that Imperial Oil Limited's internal control over financial reporting was effective as of December 31, 2015.

PricewaterhouseCoopers LLP, an independent registered public accounting firm, audited the effectiveness of the company's internal control over financial reporting as of December 31, 2015, as stated in their report which is included herein.

/s/ Richard M. Kruger

R.M. Kruger

Chairman, president and

chief executive officer

/s/ Beverley A. Babcock

B.A. Babcock

Senior vice-president,

finance and administration, and controller

(Principal accounting officer and principal financial officer)

February 23, 2016

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**Report of independent registered public accounting firm**

**To the Shareholders of Imperial Oil Limited**

We have audited the accompanying consolidated balance sheet of Imperial Oil Limited as of December 31, 2015 and December 31, 2014 and the related consolidated statements of income, comprehensive income, shareholders' equity and cash flows for each of the years in the three-year period ended December 31, 2015. In addition, we have audited Imperial Oil Limited's internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Management is responsible for these consolidated financial statements, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying management's report on internal control over financial reporting. Our responsibility is to express an opinion on these consolidated financial statements and on the company's internal control over financial reporting based on our integrated audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the consolidated financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall consolidated financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that: (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements. Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Imperial Oil Limited as of December 31, 2015 and December 31, 2014 and the results of its operations and its cash flows for each of the years in the three-year period ended December 31, 2015 in conformity with accounting principles generally accepted in the United States of America. Also, in our opinion, Imperial Oil Limited maintained, in all material respects, effective internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by COSO.

/s/ PricewaterhouseCoopers LLP

Chartered Professional Accountants

Calgary, Alberta, Canada

February 23, 2016

**Table of Contents****Consolidated statement of income (U.S. GAAP)**

millions of Canadian dollars

For the years ended December 31	2015	2014	2013
<b>Revenues and other income</b>			
Operating revenues (a) (b)	26,756	36,231	32,722
Investment and other income (note 8)	132	735	207
<b>Total revenues and other income</b>	<b>26,888</b>	<b>36,966</b>	<b>32,929</b>
<b>Expenses</b>			
Exploration	73	67	123
Purchases of crude oil and products (c)	15,284	22,479	20,155
Production and manufacturing (d)	5,434	5,662	5,288
Selling and general	1,117	1,075	1,082
Federal excise tax (a)	1,568	1,562	1,423
Depreciation and depletion	1,450	1,096	1,110
Financing costs (note 12)	39	4	11
<b>Total expenses</b>	<b>24,965</b>	<b>31,945</b>	<b>29,192</b>
<b>Income before income taxes</b>	<b>1,923</b>	<b>5,021</b>	<b>3,737</b>
<b>Income taxes (note 3)</b>	<b>801</b>	<b>1,236</b>	<b>909</b>
<b>Net income</b>	<b>1,122</b>	<b>3,785</b>	<b>2,828</b>
<b>Per-share information (Canadian dollars)</b>			
Net income per common share basic (note 10)	1.32	4.47	3.34
Net income per common share diluted (note 10)	1.32	4.45	3.32
Dividends per common share	0.54	0.52	0.49

(a) Operating revenues include federal excise tax of \$1,568 million (2014 - \$1,562 million, 2013 - \$1,423 million).

(b) Operating revenues include amounts from related parties of \$3,340 million (2014 - \$3,752 million, 2013 - \$2,385 million) (note 16).

(c) Purchases of crude oil and products include amounts to related parties of \$3,383 million (2014 - \$3,950 million, 2013 - \$4,104 million), (note 16).

(d) Production and manufacturing expenses include amounts to related parties of \$442 million (2014 - \$366 million, 2013 - \$319 million), (note 16).

The information in the Notes to Consolidated Financial Statements is an integral part of these statements.

**Table of Contents****Consolidated statement of comprehensive income (U.S. GAAP)**

millions of Canadian dollars

For the years ended December 31	2015	2014	2013
<b>Net income</b>	<b>1,122</b>	3,785	2,828
Other comprehensive income, net of income taxes			
Post-retirement benefits liability adjustment (excluding amortization)	<b>64</b>	(483)	529
Amortization of post-retirement benefits liability adjustment included in net periodic benefit costs	<b>167</b>	145	205
<b>Total other comprehensive income/(loss)</b>	<b>231</b>	(338)	734
<b>Comprehensive income</b>	<b>1,353</b>	3,447	3,562

The information in the Notes to Consolidated Financial Statements is an integral part of these statements.

**Table of Contents****Consolidated balance sheet (U.S. GAAP)**

millions of Canadian dollars

At December 31	2015	2014
<b>Assets</b>		
Current Assets		
Cash	203	215
Accounts receivable, less estimated doubtful accounts (a)	1,581	1,539
Inventories of crude oil and products (note 11)	1,190	1,121
Materials, supplies and prepaid expenses	424	380
Deferred income tax assets (note 3)	272	314
Total current assets	3,670	3,569
Long-term receivables, investments and other long-term assets	1,414	1,406
Property, plant and equipment,		
less accumulated depreciation and depletion (note 2)	37,799	35,574
Goodwill	224	224
Other intangible assets, net	63	57
<b>Total assets (note 2)</b>	<b>43,170</b>	<b>40,830</b>
<b>Liabilities</b>		
Current liabilities		
Notes and loans payable (b) (note 12)	1,952	1,978
Accounts payable and accrued liabilities (a) (note 11)	2,989	3,969
Income taxes payable	452	34
Total current liabilities	5,393	5,981
Long-term debt (c) (note 14)	6,564	4,913
Other long-term obligations (d) (note 5)	3,597	3,565
Deferred income tax liabilities (note 3)	4,191	3,841
<b>Total liabilities</b>	<b>19,745</b>	<b>18,300</b>
Commitments and contingent liabilities (note 9)		
<b>Shareholders' equity</b>		
Common shares at stated value (e) (note 10)	1,566	1,566
Earnings reinvested	23,687	23,023
Accumulated other comprehensive income	(1,828)	(2,059)
<b>Total shareholders' equity</b>	<b>23,425</b>	<b>22,530</b>

**Total liabilities and shareholders' equity** 43,170 40,830

(a) Accounts receivable, less estimated doubtful accounts included amounts receivable from related parties of \$129 million (2014 - accounts payable and accrued liabilities included amounts payable to related parties of \$174 million), (note 16).

(b) Notes and loans payable includes amounts to related parties of \$75 million (2014 \$75 million), (note 16).

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- (c) Long-term debt includes amounts to related parties of \$5,952 million (2014 \$4,746 million), (note 16).
- (d) Other long-term obligations include amounts to related parties of \$146 million (2014 \$96 million), (note 16).
- (e) Number of common shares authorized and outstanding were 1,100 million and 848 million, respectively (2014 1,100 million and 848 million, respectively), (note 10).

The information in the Notes to Consolidated Financial Statements is an integral part of these statements.

Approved by the directors

*/s/ Richard M. Kruger*

R.M. Kruger  
Chairman, president and  
chief executive officer

*/s/ Beverley A. Babcock*

B.A. Babcock  
Senior vice-president,  
finance and administration, and controller



**Table of Contents****Consolidated statement of shareholders' equity (U.S. GAAP)**

millions of Canadian dollars

At December 31	2015	2014	2013
<b>Common shares at stated value</b> (note 10)			
At beginning of year	1,566	1,566	1,566
Issued under the stock option plan	-	-	-
Share purchases at stated value	-	-	-
At end of year	1,566	1,566	1,566

**Earnings reinvested**

At beginning of year	23,023	19,679	17,266
Net income for the year	1,122	3,785	2,828
Share purchases in excess of stated value	-	-	-
Dividends	(458)	(441)	(415)
At end of year	23,687	23,023	19,679

**Accumulated other comprehensive income**

At beginning of year	(2,059)	(1,721)	(2,455)
Other comprehensive income	231	(338)	734
At end of year	(1,828)	(2,059)	(1,721)

<b>Shareholders' equity at end of year</b>	<b>23,425</b>	22,530	19,524
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The information in the Notes to Consolidated Financial Statements is an integral part of these statements.

**Table of Contents****Consolidated statement of cash flows (U.S. GAAP)**

millions of Canadian dollars

Inflow/(outflow)

For the years ended December 31	2015	2014	2013
<b>Operating activities</b>			
Net income	1,122	3,785	2,828
Adjustments for non-cash items:			
Depreciation and depletion	1,450	1,096	1,110
(Gain)/loss on asset sales (note 8)	(97)	(696)	(150)
Inventory write-down to current market value (note 11)	59	-	-
Deferred income taxes and other	367	1,123	482
Changes in operating assets and liabilities:			
Accounts receivable	(42)	545	(74)
Inventories, materials, supplies and prepaid expenses	(172)	(129)	(260)
Income taxes payable	418	(693)	(457)
Accounts payable and accrued liabilities	(1,030)	(549)	191
All other items - net (a)	92	(77)	(378)
<b>Cash flows from (used in) operating activities</b>	<b>2,167</b>	<b>4,405</b>	<b>3,292</b>
<b>Investing activities</b>			
Additions to property, plant and equipment	(2,994)	(5,290)	(6,297)
Acquisition	-	-	(1,602)
Additional investments	(32)	(123)	-
Proceeds from asset sales (note 8)	142	851	160
Repayment of loan from equity company	-	-	4
<b>Cash flows from (used in) investing activities</b>	<b>(2,884)</b>	<b>(4,562)</b>	<b>(7,735)</b>
<b>Financing activities</b>			
Short-term debt - net	(32)	120	1,371
Long-term debt issued (note 14)	1,206	430	3,276
Reduction in capitalized lease obligations	(20)	(9)	(7)
Dividends paid	(449)	(441)	(407)
<b>Cash flows from (used in) financing activities</b>	<b>705</b>	<b>100</b>	<b>4,233</b>
<b>Increase (decrease) in cash</b>	<b>(12)</b>	<b>(57)</b>	<b>(210)</b>
<b>Cash at beginning of year</b>	<b>215</b>	<b>272</b>	<b>482</b>
<b>Cash at end of year (b)</b>	<b>203</b>	<b>215</b>	<b>272</b>

(a) Includes contribution to registered pension plans of \$225 million (2014 - \$362 million, 2013 - \$600 million).

(b) Cash is composed of cash in bank and cash equivalents at cost. Cash equivalents are all highly liquid securities with maturity of three months or less when purchased.

**Non-cash transactions**

In 2015, a capital lease of approximately \$480 million was not included in Additions to property, plant and equipment or Long-term debt issued lines on the Consolidated statement of cash flows.

The information in the Notes to Consolidated Financial Statements is an integral part of these statements.

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### **Notes to consolidated financial statements**

The accompanying consolidated financial statements and the supporting and supplemental material are the responsibility of the management of Imperial Oil Limited.

The company's principal business is energy, involving the exploration, production, transportation and sale of crude oil and natural gas and the manufacture, transportation and sale of petroleum products. The company is also a major manufacturer and marketer of petrochemicals.

The consolidated financial statements have been prepared in accordance with Generally Accepted Accounting Principles in the United States of America (GAAP). GAAP requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and the disclosure of contingent assets and liabilities. All amounts are in Canadian dollars unless otherwise indicated.

### **1. Summary of significant accounting policies**

#### **Principles of consolidation**

The consolidated financial statements include the accounts of subsidiaries the company controls. Intercompany accounts and transactions are eliminated. Subsidiaries include those companies in which Imperial has both an equity interest and the continuing ability to unilaterally determine strategic, operating, investing and financing policies. Significant subsidiaries included in the consolidated financial statements include Imperial Oil Resources Limited, Imperial Oil Resources Ventures Limited and McColl-Frontenac Petroleum Inc. All of the above companies are wholly owned. The consolidated financial statements also include the company's share of the undivided interest in certain upstream assets, liabilities, revenues and expenses, including its 25 percent interest in the Syncrude joint venture and its 70.96 percent interest in the Kearl joint venture.

#### **Inventories**

Inventories are recorded at the lower of cost or current market value. The cost of crude oil and products is determined primarily using the last-in, first-out (LIFO) method. LIFO was selected over the alternative first-in, first-out and average cost methods because it provides a better matching of current costs with the revenues generated in the period.

Inventory costs include expenditures and other charges, including depreciation, directly or indirectly incurred in bringing the inventory to its existing condition and final storage prior to delivery to a customer. Selling and general expenses are reported as period costs and excluded from inventory costs.

#### **Investments**

The company's interests in the underlying net assets of affiliates it does not control, but over which it exercises significant influence, are accounted for using the equity method. They are recorded at the original cost of the investment plus Imperial's share of earnings since the investment was made, less dividends received. Imperial's share of the after-tax earnings of these investments is included in investment and other income in the consolidated statement of income. Other investments are recorded at cost. Dividends from these other investments are included in investment and other income.

These investments represent interests in non-publicly traded pipeline companies and a rail loading joint venture that facilitate the sale and purchase of liquids in the conduct of company operations. Other parties who also have an equity

interest in these investments share in the risks and rewards according to their percentage of ownership. Imperial does not invest in these investments in order to remove liabilities from its balance sheet.

### **Property, plant and equipment**

Property, plant and equipment are recorded at cost. Investment tax credits and other similar grants are treated as a reduction of the capitalized cost of the asset to which they apply.

The company uses the successful-efforts method to account for its exploration and development activities. Under this method, costs are accumulated on a field-by-field basis. Costs incurred to purchase, lease, or otherwise acquire a property (whether unproved or proved) are capitalized when incurred. Exploratory well costs are carried as an asset when the well has found a sufficient quantity of reserves to justify its completion

**Table of Contents****Notes to consolidated financial statements (continued)**

as a producing well and where the company is making sufficient progress assessing the reserves and the economic and operating viability of the project. Exploratory well costs not meeting these criteria are charged to expense. Other exploratory expenditures, including geophysical costs and annual lease rentals are expensed as incurred. Development costs including costs of productive wells and development dryholes are capitalized.

Maintenance and repair costs, including planned major maintenance, are expensed as incurred. Improvements that increase or prolong the service life or capacity of an asset are capitalized.

Acquisition costs of proved properties are amortized using a unit-of-production method, computed on the basis of total proved oil and gas reserves. Depreciation and depletion for assets associated with producing properties begin at the time when production commences on a regular basis. Depreciation for other assets begins when the asset is in place and ready for its intended use. Assets under construction are not depreciated or depleted. Unit-of-production depreciation is applied to those wells, plant and equipment assets associated with productive depletable properties, and the unit-of-production rates are based on the amount of proved developed reserves of oil and gas. Investments in extraction and upgrading facilities at oil sands mining properties are depreciated on a unit-of-production method based on proved developed reserves. In the event that the unit-of-production method does not result in an equitable allocation of cost over the economic life of an upstream asset, an alternative such as the straight-line method is used. Investments in mining and transportation systems at oil sands mining properties are depreciated on a straight-line basis over a maximum of 15 years. Depreciation of other plant and equipment is calculated using the straight-line method, based on the estimated service life of the asset. In general, refineries are depreciated over 25 years; other major assets, including chemical plants and service stations, are depreciated over 20 years.

Production involves open pit mining and lifting the oil and gas to the surface and gathering, treating, field processing and field storage of the oil and gas. The production function normally terminates at the outlet valve on the lease or field production storage tank. Production costs are those incurred to operate and maintain the company's wells, mines, and related equipment and facilities and are expensed as incurred. They become part of the cost of oil and gas produced. These costs, sometimes referred to as lifting costs, include such items as labour cost to operate the wells, mines, and related equipment; repair and maintenance costs on the wells and equipment; materials, supplies and energy costs required to operate the wells, mines, and related equipment; and administrative expenses related to the production activity.

The company performs impairment assessments whenever events or circumstances indicate that the carrying amounts of its long-lived assets (or group of assets) may not be recoverable through future operations or disposition. Assets are grouped at the lowest level for which there are identifiable cash flows that are largely independent of the cash flows of other groups of assets for this assessment.

Potential trigger events for impairment evaluation include:

- A significant decrease in the market price of a long-lived asset;
- A significant adverse change in the extent or manner in which an asset is being used or in its physical condition including a significant decrease in current and projected reserve volumes;
- A significant adverse change in legal factors or in the business climate that could affect the value, including an adverse action or assessment by a regulator;
- An accumulation of project costs significantly in excess of the amount originally expected;

A current-period operating loss combined with a history and forecast of operating or cash flow losses; and  
A current expectation that, more likely than not, a long-lived asset will be sold or otherwise disposed of significantly before the end of its previously estimated useful life.

The company performs asset valuation analyses on an ongoing basis as a part of its asset management program. These analyses and other profitability reviews assist the company in assessing whether the carrying amounts of any of its assets may not be recoverable.

In general, the company does not view temporarily low prices or margins as a trigger event for conducting the impairment tests. The markets for crude oil, natural gas and petroleum products, have a history of significant price volatility. Although prices will occasionally drop significantly, industry prices over the long term will continue to be driven by market supply and demand. On the supply side, industry production from mature fields is declining, but this is being offset by production from new discoveries and field developments. OPEC

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**Notes to consolidated financial statements (continued)**

production policies also have an impact on world oil supplies. The demand side is largely a function of global economic growth. The relative growth/decline in supply versus demand will determine industry prices over the long term, and these cannot be accurately predicted.

If there is a trigger event, the company estimates the future undiscounted cash flows of the affected properties to judge the recoverability of carrying amounts. Cash flows used in impairment evaluations are developed using estimates for future crude oil and natural gas commodity prices, refining and chemical margins, and foreign currency exchange rates. Volumes are based on projected field and facility production profiles. These evaluations make use of the company's price, margin, volume, and cost assumptions developed in the annual planning and budgeting process, and are consistent with the criteria management uses to evaluate investment opportunities. Where probable reserves exist, an appropriately risk-adjusted amount of these reserves may be included in the evaluation.

An asset group would be impaired if its undiscounted cash flows were less than the asset's carrying value. Impairments are measured by the amount by which the carrying value exceeds fair value.

Significant unproved properties are assessed for impairment individually, and valuation allowances against the capitalized costs are recorded based on the estimated economic chance of success and the length of time that the company expects to hold the properties. Properties that are not individually significant are aggregated by groups and amortized based on development risk and average holding period. The valuation allowances are reviewed at least annually.

Gains on sales of proved and unproved properties are only recognized when there is neither uncertainty about the recovery of costs applicable to any interest retained nor any substantial obligation for future performance by the company.

Losses on properties sold are recognized when incurred or when the properties are held for sale and the fair value of the properties is less than the carrying value.

Gains or losses on assets sold are included in investment and other income in the consolidated statement of income.

**Interest capitalization**

Interest costs relating to major capital projects under construction are capitalized as part of property, plant and equipment. The project construction phase commences with the development of the detailed engineering design and ends when the constructed assets are ready for their intended use.

**Goodwill and other intangible assets**

Goodwill is not subject to amortization. Goodwill is tested for impairment annually or more frequently if events or circumstances indicate it might be impaired. Impairment losses are recognized in current period earnings. The evaluation for impairment of goodwill is based on a comparison of the carrying values of goodwill and associated operating assets with the estimated present value of net cash flows from those operating assets.



Intangible assets with determinable useful lives are amortized over the estimated service lives of the assets. Computer software development costs are amortized over a maximum of 15 years and customer lists are amortized over a maximum of 10 years. The amortization is included in depreciation and depletion in the consolidated statement of income.

#### **Asset retirement obligations and other environmental liabilities**

Legal obligations associated with site restoration on the retirement of assets with determinable useful lives are recognized when they are incurred, which is typically at the time the assets are installed. These obligations primarily relate to soil reclamation and remediation and costs of abandonment and demolition of oil and gas wells and related facilities. The company uses estimates, assumptions and judgments regarding such factors as the existence of a legal obligation for an asset retirement obligation, technical assessments of the assets, estimated amounts and timing of settlements, the credit-adjusted risk-free rate to be used, and inflation rates. The obligations are initially measured at fair value and discounted to present value. A corresponding amount equal to that of the initial obligation is added to the capitalized costs of the related asset. Over time, the discounted asset retirement obligation amount will be accreted for the change in its present value, and the initial capitalized costs will be depreciated over the useful lives of the related assets.

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**Notes to consolidated financial statements** (continued)

No asset retirement obligations are set up for those manufacturing, distribution and marketing facilities with an indeterminate useful life. Asset retirement obligations for these facilities generally become firm at the time the facilities are permanently shut down and dismantled. These obligations may include the costs of asset disposal and additional soil remediation. However, these sites have indeterminate lives based on plans for continued operations, and as such, the fair value of the conditional legal obligations cannot be measured, since it is impossible to estimate the future settlement dates of such obligations. Provision for environmental liabilities of these assets is made when it is probable that obligations have been incurred and the amount can be reasonably estimated. Provisions for environmental liabilities are determined based on engineering estimated costs, taking into account the anticipated method and extent of remediation consistent with legal requirements, current technology and the possible use of the location. These liabilities are not discounted.

**Foreign-currency translation**

Monetary assets and liabilities in foreign currencies have been translated at the rates of exchange prevailing on December 31. Any exchange gains or losses are recognized in income.

**Fair value**

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. Hierarchy Levels 1, 2 or 3 are terms for the priority of inputs to valuation techniques used to measure fair value. Hierarchy Level 1 inputs are quoted prices in active markets for identical assets or liabilities. Hierarchy Level 2 inputs are inputs other than quoted prices included within Level 1 that are directly or indirectly observable for the asset or liability. Hierarchy Level 3 inputs are inputs that are not observable in the market.

**Revenues**

Revenues associated with sales of crude oil, natural gas, petroleum and chemical products and other items are recorded when the products are delivered. Delivery occurs when the customer has taken title and has assumed the risks and rewards of ownership, prices are fixed or determinable and collectability is reasonably assured. The company does not enter into ongoing arrangements whereby it is required to repurchase its products, nor does the company provide the customer with a right of return.

Revenues include amounts billed to customers for shipping and handling. Shipping and handling costs incurred up to the point of final storage prior to delivery to a customer are included in purchases of crude oil and products in the consolidated statement of income. Delivery costs from final storage to customer are recorded as a marketing expense in selling and general expenses.

Purchases and sales of inventory with the same counterparty that are entered into in contemplation of one another are combined and recorded as exchanges measured at the book value of the item sold.

**Share-based compensation**

The company awards share-based compensation to certain employees in the form of restricted stock units. Compensation expense is measured each reporting period based on the company's current stock price and is recorded as selling and general expenses in the consolidated statement of income over the requisite service period of each award. See note 7 to the consolidated financial statements on page 69 for further details.

### **Consumer taxes**

Taxes levied on the consumer and collected by the company are excluded from the consolidated statement of income. These are primarily provincial taxes on motor fuels, the federal goods and services tax and the federal/provincial harmonized sales tax.

### **Recently issued accounting standards**

In May 2014, the FASB issued a new standard, *Revenue from Contracts with Customers*. The standard establishes a single revenue recognition model for all contracts with customers, eliminates industry specific requirements and expands disclosure requirements. The standard will be adopted beginning January 1, 2018.

Operating Revenue on the Consolidated statement of income includes sales and excise taxes on sales transactions. When the company adopts the standard, revenue will exclude sales-based taxes collected on behalf of third parties. This change in reporting will not impact earnings. Imperial continues to evaluate other areas of the standard and its effect on the company's financial statements.

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**Notes to consolidated financial statements** (continued)

**2. Business segments**

The company operates its business in Canada. The Upstream, Downstream and Chemical functions best define the operating segments of the business that are reported separately. The factors used to identify these reportable segments are based on the nature of the operations that are undertaken by each segment and the structure of the company's internal organization. The Upstream segment is organized and operates to explore for and ultimately produce crude oil and its equivalent, and natural gas. The Downstream segment is organized and operates to refine crude oil into petroleum products and to distribute and market these products. The Chemical segment is organized and operates to manufacture and market hydrocarbon-based chemicals and chemical products. The above segmentation has been the long-standing practice of the company and is broadly understood across the petroleum and petrochemical industries.

These functions have been defined as the operating segments of the company because they are the segments (a) that engage in business activities from which revenues are earned and expenses are incurred; (b) whose operating results are regularly reviewed by the company's chief operating decision maker to make decisions about resources to be allocated to each segment and assess its performance; and (c) for which discrete financial information is available.

Corporate and Other includes assets and liabilities that do not specifically relate to business segments—primarily cash, capitalized interest costs, short-term borrowings, long-term debt and liabilities associated with incentive compensation and post-retirement benefits liability adjustment. Net income in this segment primarily includes debt-related financing costs, interest income and share-based incentive compensation expenses.

Segment accounting policies are the same as those described in the summary of significant accounting policies. Upstream, Downstream and Chemical expenses include amounts allocated from the Corporate and Other segment. The allocation is based on a combination of fee for service, proportional segment expenses and a three-year average of capital expenditures. Transfers of assets between segments are recorded at book amounts. Intersegment sales are made essentially at prevailing market prices. Assets and liabilities that are not identifiable by segment are allocated.

**Table of Contents****Notes to consolidated financial statements (continued)**

millions of dollars	Upstream			Downstream			Chemical		
	2015	2014	2013	2015	2014	2013	2015	2014	2013
<b>Revenues and other income</b>									
Operating revenues (a)	5,776	8,408	6,016	19,796	26,400	25,450	1,184	1,423	1,256
Intersegment sales	2,486	4,087	4,026	1,019	1,359	1,978	234	381	318
Investment and other income	22	667	145	104	65	59	-	-	-
	8,284	13,162	10,187	20,919	27,824	27,487	1,418	1,804	1,574
<b>Expenses</b>									
Exploration	73	67	123	-	-	-	-	-	-
Purchases of crude oil and products	3,768	5,628	3,778	14,526	21,476	21,628	725	1,196	1,065
Production and manufacturing (b)	3,766	3,882	3,389	1,461	1,564	1,695	207	216	210
Selling and general	(2)	3	5	986	887	886	87	70	66
Federal excise tax	-	-	-	1,568	1,562	1,423	-	-	-
Depreciation and depletion (b)	1,193	857	636	233	216	452	11	12	12
Financing costs (note 12)	5	4	9	-	-	2	-	-	-
<b>Total expenses</b>	<b>8,803</b>	<b>10,441</b>	<b>7,940</b>	<b>18,774</b>	<b>25,705</b>	<b>26,086</b>	<b>1,030</b>	<b>1,494</b>	<b>1,353</b>
<b>Income before income taxes</b>	<b>(519)</b>	<b>2,721</b>	<b>2,247</b>	<b>2,145</b>	<b>2,119</b>	<b>1,401</b>	<b>388</b>	<b>310</b>	<b>221</b>
<b>Income taxes (note 3)</b>									
Current	(77)	(219)	(14)	476	296	395	97	76	62
Deferred	262	881	549	83	229	(46)	4	5	(3)
<b>Total income tax expense</b>	<b>185</b>	<b>662</b>	<b>535</b>	<b>559</b>	<b>525</b>	<b>349</b>	<b>101</b>	<b>81</b>	<b>59</b>
<b>Net income</b>	<b>(704)</b>	<b>2,059</b>	<b>1,712</b>	<b>1,586</b>	<b>1,594</b>	<b>1,052</b>	<b>287</b>	<b>229</b>	<b>162</b>
<b>Cash flows from (used in) operating activities</b>									
	224	2,519	1,690	1,686	1,666	1,453	383	250	198
<b>Capital and exploration expenditures (c)</b>									
	3,135	4,974	7,755	340	572	187	52	26	9
<b>Property, plant and equipment</b>									
Cost	45,171	42,142	38,819	7,596	7,460	7,146	857	798	771

Accumulated depreciation and depletion	(11,016)	(10,103)	(10,749)	(4,584)	(4,459)	(4,347)	(616)	(601)	(586)
<b>Net property, plant and equipment (d)</b>	<b>34,155</b>	32,039	28,070	<b>3,012</b>	3,001	2,799	<b>241</b>	197	185
<b>Total assets</b>	<b>36,971</b>	34,421	30,553	<b>5,574</b>	5,823	5,732	<b>394</b>	372	397

millions of dollars	Corporate and Other			Eliminations			Consolidated		
	2015	2014	2013	2015	2014	2013	2015	2014	2013
<b>Revenues and other income</b>									
Operating revenues (a)	-	-	-	-	-	-	26,756	36,231	32,722
Intersegment sales	-	-	-	(3,739)	(5,827)	(6,322)	-	-	-
Investment and other income	6	3	3	-	-	-	132	735	207
	6	3	3	(3,739)	(5,827)	(6,322)	26,888	36,966	32,929
<b>Expenses</b>									
Exploration	-	-	-	-	-	-	73	67	123
Purchases of crude oil and products	-	-	-	(3,735)	(5,821)	(6,316)	15,284	22,479	20,155
Production and manufacturing (b)	-	-	-	-	-	(6)	5,434	5,662	5,288
Selling and general	50	121	125	(4)	(6)	-	1,117	1,075	1,082
Federal excise tax	-	-	-	-	-	-	1,568	1,562	1,423
Depreciation and depletion (b)	13	11	10	-	-	-	1,450	1,096	1,110
Financing costs (note 12)	34	-	-	-	-	-	39	4	11
<b>Total expenses</b>	<b>97</b>	132	135	<b>(3,739)</b>	(5,827)	(6,322)	<b>24,965</b>	31,945	29,192
<b>Income before income taxes</b>	<b>(91)</b>	(129)	(132)	-	-	-	<b>1,923</b>	5,021	3,737
<b>Income taxes (note 3)</b>									
Current	(45)	(47)	(18)	-	-	-	451	106	425
Deferred	1	15	(16)	-	-	-	350	1,130	484
<b>Total income tax expense</b>	<b>(44)</b>	(32)	(34)	-	-	-	<b>801</b>	1,236	909
<b>Net income</b>	<b>(47)</b>	(97)	(98)	-	-	-	<b>1,122</b>	3,785	2,828
<b>Cash flows from (used in) operating activities</b>	<b>(124)</b>	(30)	(49)	<b>(2)</b>	-	-	<b>2,167</b>	4,405	3,292
<b>Capital and exploration expenditures (c)</b>	<b>68</b>	82	69	-	-	-	<b>3,595</b>	5,654	8,020

<b>Property, plant and equipment</b>									
Cost	<b>579</b>	511	429	-	-	-	<b>54,203</b>	50,911	47,165
Accumulated depreciation and depletion	<b>(188)</b>	(174)	(163)	-	-	-	<b>(16,404)</b>	(15,337)	(15,845)
<b>Net property, plant and equipment (d)</b>									
	<b>391</b>	337	266	-	-	-	<b>37,799</b>	35,574	31,320
<b>Total assets</b>	<b>579</b>	565	581	<b>(348)</b>	(351)	(45)	<b>43,170</b>	40,830	37,218

**Table of Contents****Notes to consolidated financial statements (continued)**

- (a) Includes export sales to the United States of \$4,157 million (2014 - \$5,940 million, 2013 - \$5,217 million). Export sales to the United States were recorded in all operating segments, with the largest effects in the Upstream segment.
- (b) A 2013 charge in the Downstream segment of \$377 million (\$280 million, after-tax) associated with the company's decision to convert the Dartmouth refinery to a terminal included the write-down of refinery plant and equipment not included in the terminal conversion of \$245 million, reported as part of depreciation and depletion expenses, and decommissioning, environmental and employee-related costs of \$132 million, reported as part of production and manufacturing expenses. By the end of 2015, amounts incurred associated with decommissioning, environmental and employee-related costs totaled \$98 million (2014 - \$90 million).
- (c) Capital and exploration expenditures (CAPEX) include exploration expenses, additions to property, plant and equipment, additions to capital leases, additional investments and acquisitions.
- (d) Includes property, plant and equipment under construction of \$3,719 million (2014 - \$12,535 million).

**3. Income taxes**

millions of dollars	2015	2014	2013
Current income tax expense (a)	451	106	425
Deferred income tax expense (a) (b)	350	1,130	484
Total income tax expense (a) (c)	801	1,236	909
Statutory corporate tax rate (percent)	27.2	25.5	25.4
Increase/(decrease) resulting from:			
Enacted tax rate change (a)	16.1	-	-
Other	(1.6)	(0.9)	(1.1)
Effective income tax rate	41.7	24.6	24.3

- (a) On June 30, 2015 the Alberta government enacted a 2 percent increase in the provincial tax rate, from 10 percent to 12 percent.
- (b) There were no material net (charges)/credits for the effect of changes in tax laws and rates included in the provisions for deferred income taxes in 2014 and 2013.
- (c) Cash outflow from income taxes, plus investment credits earned, was \$202 million in 2015 (2014 - \$811 million, 2013 - \$911 million).

Deferred income taxes are based on differences between the accounting and tax values of assets and liabilities. These differences in value are re-measured at each year-end using the tax rates and tax laws expected to apply when those differences are realized or settled in the future. Components of deferred income tax liabilities and assets as at December 31 were:

millions of dollars	2015	2014	2013
Depreciation and amortization	4,677	3,777	2,949
Successful drilling and land acquisitions	922	827	815
Pension and benefits	(396)	(438)	(376)
Asset retirement obligation	(406)	(304)	(287)
Capitalized interest	104	82	69



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Other	(710)	(103)	(99)
Net long-term deferred income tax liabilities	4,191	3,841	3,071
LIFO inventory valuation	(112)	(201)	(450)
Other	(160)	(113)	(109)
Net current deferred income tax assets	(272)	(314)	(559)
Net current deferred income tax liabilities	41	-	-
Valuation allowance	-	-	-
Net deferred income tax liabilities	3,960	3,527	2,512

**Table of Contents****Notes to consolidated financial statements** (continued)**Unrecognized tax benefits**

Unrecognized tax benefits reflect the difference between positions taken or expected to be taken on income tax returns and the amounts recognized in the financial statements.

The following table summarizes the movement in unrecognized tax benefits:

millions of dollars	2015	2014	2013
Balance as at January 1	151	151	143
Additions based on current year's tax position	-	4	10
Additions for prior years' tax positions	10	-	2
Reductions for prior years' tax positions	(29)	(4)	(4)
Reductions due to lapse of the statute of limitations	-	-	-
Balance as at December 31	132	151	151

The unrecognized tax benefit balances shown above are predominately related to tax positions that would reduce the company's effective tax rate if the positions are favourably resolved. Unfavourable resolution of these tax positions generally would not increase the effective tax rate. The 2015, 2014 and 2013 changes in unrecognized tax benefits did not have a material effect on the company's net income or cash flow. The company's tax filings from 2008 to 2015 are subject to examination by the tax authorities. The Canada Revenue Agency has proposed certain adjustments to the company's filings. Management is currently evaluating those proposed adjustments and believes that a number of outstanding matters are expected to be resolved in 2016. The impact on unrecognized tax benefits and the company's effective income tax rate from these matters is not expected to be material.

Resolution of the related tax positions will take many years to complete. It is difficult to predict the timing of resolution for tax positions, since such timing is not entirely within the control of the company.

The company classifies interest on income tax related balances as interest expense or interest income and classifies tax related penalties as operating expense.

**4. Employee retirement benefits**

Retirement benefits, which cover almost all retired employees and their surviving spouses, include pension income and certain health care and life insurance benefits. They are met through funded registered retirement plans and through unfunded supplementary benefits that are paid directly to recipients.

Pension income benefits consist mainly of company-paid defined benefit plans that are based on years of service and final average earnings. The company shares in the cost of health care and life insurance benefits. The company's benefit obligations are based on the projected benefit method of valuation that includes employee service to date and present compensation levels as well as a projection of salaries to retirement.

The expense and obligations for both funded and unfunded benefits are determined in accordance with accepted actuarial practices and United States generally accepted accounting principles. The process for determining

retirement-income expense and related obligations includes making certain long-term assumptions regarding the discount rate, rate of return on plan assets and rate of compensation increases. The obligation and pension expense can vary significantly with changes in the assumptions used to estimate the obligation and the expected return on plan assets.

**Table of Contents****Notes to consolidated financial statements** (continued)

The benefit obligations and plan assets associated with the company's defined benefit plans are measured on December 31.

	Pension benefits		Other post-retirement benefits	
	2015	2014	2015	2014
Assumptions used to determine benefit obligations at December 31 (percent)				
Discount rate	4.00	3.75	4.00	3.75
Long-term rate of compensation increase	4.50	4.50	4.50	4.50

millions of dollars

**Change in projected benefit obligation**

Projected benefit obligation at January 1	7,970	6,870	634	503
Current service cost	211	152	15	9
Interest cost	307	322	25	26
Actuarial loss/(gain)	114	1,083	(2)	123
Amendments				
Benefits paid (a)	(455)	(457)	(30)	(27)
Projected benefit obligation at December 31	8,147	7,970	642	634

Accumulated benefit obligation at December 31	7,506	7,292
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The discount rate for calculating year-end post-retirement liabilities is based on the yield for high-quality, long-term Canadian corporate bonds at year-end with an average maturity (or duration) approximately that of the liabilities. The measurement of the accumulated post-retirement benefit obligation assumes a health care cost trend rate of 4.50 percent in 2016 and subsequent years.

	Pension benefits		Other post-retirement benefits	
	2015	2014	2015	2014
millions of dollars				
<b>Change in plan assets</b>				
Fair value at January 1	6,807	5,872		
Actual return/(loss) on plan assets	592	923		
Company contributions	225	362		
Benefits paid (b)	(364)	(350)		
Fair value at December 31	7,260	6,807		

Plan assets in excess of/(less than) projected benefit obligation at
--

December 31				
Funded plans	<b>(300)</b>	(589)		
Unfunded plans	<b>(587)</b>	(574)	<b>(642)</b>	(634)
Total (c)	<b>(887)</b>	(1,163)	<b>(642)</b>	(634)

(a) Benefit payments for funded and unfunded plans.

(b) Benefit payments for funded plans only.

(c) Fair value of assets less projected benefit obligation shown above.

Funding of registered retirement plans complies with federal and provincial pension regulations, and the company makes contributions to the plans based on an independent actuarial valuation. In accordance with authoritative guidance relating to the accounting for defined pension and other post-retirement benefits plans, the underfunded status of the company's defined benefit post-retirement plans was recorded as a liability in the balance sheet, and the changes in that funded status in the year in which the changes occurred was recognized through other comprehensive income.

**Table of Contents****Notes to consolidated financial statements (continued)**

millions of dollars	Pension benefits		Other post-retirement benefits	
	2015	2014	2015	2014
Amounts recorded in the consolidated balance sheet consist of:				
Current liabilities	(30)	(29)	(29)	(29)
Other long-term obligations	(857)	(1,134)	(613)	(605)
Total recorded	(887)	(1,163)	(642)	(634)

Amounts recorded in accumulated other comprehensive income consist of:

Net actuarial loss/(gain)	2,382	2,666	164	180
Prior service cost	23	39	-	-
Total recorded in accumulated other comprehensive income, before tax	2,405	2,705	164	180

The company establishes the long-term expected rate of return on plan assets by developing a forward-looking long-term return assumption for each asset class, taking into account factors such as the expected real return for the specific asset class and inflation. A single, long-term rate of return is then calculated as the weighted average of the target asset allocation percentages and the long-term return assumption for each asset class. The 2015 long-term expected return of 5.75 percent used in the calculations of pension expense compares to an actual rate of return of 6.60 percent and 8.30 percent over the last 10- and 20-year periods ending December 31, 2015.

	Pension benefits			Other post-retirement benefits		
	2015	2014	2013	2015	2014	2013
Assumptions used to determine net periodic benefit cost for years ended						
December 31 (percent)						
Discount rate	3.75	4.75	3.75	3.75	4.75	3.75
Long-term rate of return on funded assets	5.75	6.25	6.25	-	-	-
Long-term rate of compensation increase	4.50	4.50	4.50	4.50	4.50	4.50

millions of dollars

**Components of net periodic benefit cost**

Current service cost	211	152	181	15	9	11
Interest cost	307	322	281	25	26	21
Expected return on plan assets	(392)	(369)	(331)	-	-	-
Amortization of prior service cost	16	23	23	-	-	-
Amortization of actuarial loss/(gain)	198	166	243	14	7	10
Net periodic benefit cost	340	294	397	54	42	42

**Changes in amounts recorded in accumulated other comprehensive income**

Net actuarial loss/(gain)	(86)	529	(664)	(2)	123	(50)
Amortization of net actuarial (loss)/gain included in net periodic benefit cost	(198)	(166)	(243)	(14)	(7)	(10)
Amortization of prior service cost included in net periodic benefit cost	(16)	(23)	(23)	-	-	-
Total recorded in other comprehensive income	(300)	340	(930)	(16)	116	(60)

Total recorded in net periodic benefit cost and other comprehensive income, before tax	40	634	(533)	38	158	(18)
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Costs for defined contribution plans, primarily the employee savings plan, were \$43 million in 2015 (2014 - \$40 million, 2013 - \$37 million).

**Table of Contents****Notes to consolidated financial statements** (continued)

A summary of the change in accumulated other comprehensive income is shown in the table below:

millions of dollars	Total pension and other post-retirement benefits		
	2015	2014	2013
(Charge)/credit to other comprehensive income, before tax	<b>316</b>	(456)	990
Deferred income tax (charge)/credit (note 17)	<b>(85)</b>	118	(256)
(Charge)/credit to other comprehensive income, after tax	<b>231</b>	(338)	734

The company's investment strategy for pension plan assets reflects a long-term view, a careful assessment of the risks inherent in various asset classes and broad diversification to reduce the risk of the portfolio. Consistent with the long-term nature of the liability, the plan assets are primarily invested in global, market-cap-weighted indexed equity and domestic indexed bond funds to diversify risk while minimizing costs. The equity funds hold Imperial Oil Limited stock only to the extent necessary to replicate the relevant equity index. The balance of the plan assets is largely invested in high-quality corporate and government debt securities. Studies are periodically conducted to establish the preferred target asset allocation. The target asset allocation for equity securities is 37 percent. The target allocation for debt securities is 58 percent. Plan assets for the remaining 5 percent are invested in venture capital partnerships that pursue a strategy of investment in U.S. and international early stage ventures.

The 2015 fair value of the pension plan assets, including the level within the fair value hierarchy, is shown in the table below:

millions of dollars	Fair value measurements at December 31, 2015, using:			
	Total	Level 1	Level 2	Level 3
Asset class				
Equity securities				
Canadian	469		469	(a)
Non-Canadian	2,267		2,267	(a)
Debt securities - Canadian				
Corporate	984		984	(b)
Government	3,251		3,251	(b)
Asset backed	4		4	(b)
Equities - Venture capital	272			272 (c)
Cash	13	13		
Total plan assets at fair value	7,260	13	6,975	272

(a) For company equity securities held in the form of fund units that are redeemable at the measurement date, the unit value is treated as a Level 2 input. The fair value of the securities owned by the funds is based on observable quoted prices on active exchanges, which are Level 1 inputs.

(b) For corporate, government and asset-backed debt securities, fair value is based on observable inputs of comparable market transactions.



- (c) For venture capital partnership investments, fair value is generally established by using revenue or earnings multiples or other relevant market data including initial public offerings.

**Table of Contents****Notes to consolidated financial statements** (continued)

The change in the fair value of Level 3 assets, which use significant unobservable inputs to measure fair value, is shown in the table below:

	Venture capital
millions of dollars	
Fair value at January 1, 2015	211
Net realized gains/(losses)	(34)
Net unrealized gains/(losses)	95
Net purchases/(sales)	-
Fair value at December 31, 2015	272

The 2014 fair value of the pension plan assets, including the level within the fair value hierarchy, is shown in the table below:

	Fair value measurements at December 31, 2014, using:			
millions of dollars	Total	Level 1	Level 2	Level 3
Asset class				
Equity securities				
Canadian	460		460	(a)
Non-Canadian	2,153		2,153	(a)
Debt securities - Canadian				
Corporate	922		922	(b)
Government	3,033		3,033	(b)
Asset backed	5		5	(b)
Equities Venture capital	211			211 (c)
Cash	23	8	15	(d)
Total plan assets at fair value	6,807	8	6,588	211

(a) For company equity securities held in the form of fund units that are redeemable at the measurement date, the unit value is treated as a Level 2 input. The fair value of the securities owned by the funds is based on observable quoted prices on active exchanges, which are Level 1 inputs.

(b) For corporate, government and asset-backed debt securities, fair value is based on observable inputs of comparable market transactions.

(c) For venture capital partnership investments, fair value is generally established by using revenue or earnings multiples or other relevant market data including initial public offerings.

(d) For cash balances that are held in Level 2 funds prior to investment in those fund units, the cash value is treated as a Level 2 input.

The change in the fair value of Level 3 assets, which use significant unobservable inputs to measure fair value, is shown in the table below:

	Mortgage funds	Venture capital
millions of dollars		

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Fair value at January 1, 2014	1	188
Net realized gains/(losses)	-	(16)
Net unrealized gains/(losses)	-	40
Net purchases/(sales)	(1)	(1)
Fair value at December 31, 2014	-	211

**Table of Contents****Notes to consolidated financial statements** (continued)

A summary of pension plans with accumulated benefit obligations in excess of plan assets is shown in the table below:

millions of dollars	Pension benefits	
	2015	2014
For funded pension plans with accumulated benefit obligations in excess of plan assets:		
Projected benefit obligation	-	-
Accumulated benefit obligation	-	-
Fair value of plan assets	-	-
Accumulated benefit obligation less fair value of plan assets	-	-
For unfunded plans covered by book reserves:		
Projected benefit obligation	587	574
Accumulated benefit obligation	560	542

**Estimated 2016 amortization from accumulated other comprehensive income**

millions of dollars	Pension benefits	Other post-retirement benefits
Net actuarial loss/(gain) (a)	164	11
Prior service cost (b)	9	-

(a) The company amortizes the net balance of actuarial loss/(gain) as a component of net periodic benefit cost over the average remaining service period of active plan participants.

(b) The company amortizes prior service cost on a straight-line basis.

**Cash flows**

Benefit payments expected in:

millions of dollars	Pension benefits	Other post-retirement benefits
2016	405	29
2017	415	30
2018	425	31
2019	435	31
2020	440	32
2021 - 2025	2,225	170

In 2016, the company expects to make cash contributions of about \$166 million to its pension plans.

### Sensitivities

A one percent change in the assumptions at which retirement liabilities could be effectively settled is as follows:

Increase/(decrease)		One percent increase	One percent decrease
millions of dollars			
Rate of return on plan assets:			
Effect on net benefit cost, before tax		(65)	65
Discount rate:			
Effect on net benefit cost, before tax		(95)	125
Effect on benefit obligation		(1,060)	1,350
Rate of pay increases:			
Effect on net benefit cost, before tax		50	(45)
Effect on benefit obligation		195	(165)

**Table of Contents****Notes to consolidated financial statements** (continued)

A one percent change in the assumed health-care cost trend rate would have the following effects:

Increase/(decrease)	One percent increase	One percent decrease
millions of dollars		
Effect on service and interest cost components	7	(5)
Effect on benefit obligation	75	(60)

**5. Other long-term obligations**

millions of dollars	2015	2014
Employee retirement benefits (a) (note 4)	1,470	1,739
Asset retirement obligations and other environmental liabilities (b)	1,628	1,325
Share-based incentive compensation liabilities (note 7)	134	154
Other obligations (note 16)	365	347
Total other long-term obligations	3,597	3,565

(a) Total recorded employee retirement benefit obligations also include \$59 million in current liabilities (2014 \$58 million).

(b) Total asset retirement obligations and other environmental liabilities also include \$116 million in current liabilities (2014 \$143 million).

Asset retirement obligations incurred in the current period were Level 3 fair value measurements. The following table summarizes the activity in the liability for asset retirement obligations:

millions of dollars	2015	2014
Balance as at January 1	1,292	1,237
Additions	250	184
Reductions due to property sales	(12)	(153)
Accretion	84	105
Settlement	(43)	(81)
Balance as at December 31	1,571	1,292

**6. Derivatives and financial instruments**

The company did not enter into any derivative instruments to offset exposures associated with hydrocarbon prices, foreign currency exchange rates and interest rates that arose from existing assets, liabilities and transactions in the past three years. The company did not engage in speculative derivative activities or derivative trading activities nor did it use derivatives with leveraged features. The company maintains a system of controls that includes a policy covering the authorization, reporting and monitoring of derivative activity.

The fair value of the company's financial instruments is determined by reference to various market data and other appropriate valuation techniques. There are no material differences between the fair values of the company's financial instruments and the recorded book value. The fair value hierarchy for long-term debt is primarily Level 2.

## **7. Share-based incentive compensation programs**

Share-based incentive compensation programs are designed to retain selected employees, reward them for high performance and promote individual contribution to sustained improvement in the company's future business performance and shareholder value.

### **Restricted stock units and deferred share units**

Under the restricted stock unit plan, each unit entitles the recipient to the conditional right to receive from the company, upon exercise, an amount equal to the five-day average of the closing price of the company's common shares on the Toronto Stock Exchange on and immediately prior to the exercise dates. Fifty percent of the units are exercised three years following the grant date, and the remainder is exercised seven years following the grant date. The company may also issue units where 50 percent of the units are exercisable five years following the grant date and the remainder is exercisable on the later of ten years following the grant date or the retirement date of the recipient.

**Table of Contents****Notes to consolidated financial statements (continued)**

The deferred share unit plan is made available to nonemployee directors. The nonemployee directors can elect to receive all or part of their directors' fees in units. The number of units granted is determined at the end of each calendar quarter by dividing the dollar amount of the nonemployee director's fees for that calendar quarter elected to be received as deferred share units by the average closing price of the company's shares for the five consecutive trading days immediately prior to the last day of the calendar quarter. Additional units are granted based on the cash dividend payable on the company's shares divided by the average closing price immediately prior to the payment date for that dividend and multiplying the resulting number by the number of deferred share units held by the recipient, as adjusted for any share splits. Deferred share units cannot be exercised until after resignation as a director and must be exercised no later than December 31 of the year following resignation. On the exercise date, the cash value to be received for the units is determined based on the average closing price of the company's shares for the five consecutive trading days immediately prior to the date of exercise, as adjusted for any share splits.

All units require settlement by cash payments with the following exceptions. The restricted stock unit program provides that, for units granted to Canadian residents, the recipient may receive one common share of the company per unit or elect to receive the cash payment for the units to be exercised in the seventh year following the grant date. For units where 50 percent are exercisable five years following the grant date and the remainder exercisable on the later of ten years following the grant date or the retirement date of the recipient, the recipient may receive one common share of the company per unit or elect to receive cash payment for all units to be exercised.

The company accounts for all units by using the fair-value-based method. The fair value of awards in the form of restricted stock and deferred share units is the market price of the company's stock. Under this method, compensation expense related to the units of these programs is measured each reporting period based on the company's current stock price and is recorded in the consolidated statement of income over the requisite service period of each award.

The following table summarizes information about these units for the year ended December 31, 2015:

	Restricted stock units	Deferred share units
Outstanding at January 1, 2015	8,377,485	107,199
Granted	884,080	14,170
Exercised	(1,710,721)	-
Forfeited and cancelled	(46,351)	-
Outstanding at December 31, 2015	7,504,493	121,369

In 2015, the compensation expense charged against income for these programs was \$35 million (2014 - \$90 million, 2013 - \$92 million). Income tax benefit recognized in income related to compensation expense for the year was \$13 million (2014 - \$31 million, 2013 - \$33 million). Cash payments of \$78 million were made for these programs in 2015 (2014 - \$94 million, 2013 - \$88 million).

As of December 31, 2015, there was \$141 million of total before-tax unrecognized compensation expense related to non-vested restricted stock units based on the company's share price at the end of the current reporting period. The weighted average vesting period of non-vested restricted stock units is 3.4 years. All units under the deferred share



programs have vested as of December 31, 2015.

**Table of Contents****Notes to consolidated financial statements (continued)****8. Investment and other income**

Investment and other income includes gains and losses on asset sales as follows:

millions of dollars	2015	2014	2013
Proceeds from asset sales	142	851	160
Book value of assets sold	45	155	10
Gain/(loss) on asset sales, before tax (a) (b)	97	696	150
Gain/(loss) on asset sales, after tax (a) (b)	79	526	120

(a) 2014 included a gain of \$638 million (\$478 million, after tax) for the sale of the company's interest in producing conventional assets located in Boundary Lake, Cynthia/West Pembina and Rocky Mountain House.

(b) 2013 included a gain of \$85 million (\$73 million, after tax) for the sale of non-operating assets.

On February 10, 2016, the company entered into an agreement which will result in the sale and transition of its general aviation business to a branded wholesaler operating model for approximately US\$135 million, having an approximate book value of US\$16 million. The sale is subject to final closing adjustments, foreign exchange and other closing conditions. The transaction will be subject to a review by Canada's Competition Bureau and the sale is expected to close late 2016.

**9. Litigation and other contingencies**

A variety of claims have been made against Imperial and its subsidiaries in a number of lawsuits. Management has regular litigation reviews, including updates from corporate and outside counsel, to assess the need for accounting recognition or disclosure of these contingencies. The company accrues an undiscounted liability for those contingencies where the incurrence of a loss is probable and the amount can be reasonably estimated. If a range of amounts can be reasonably estimated and no amount within the range is a better estimate than any other amount, then the minimum of the range is accrued. The company does not record liabilities when the likelihood that the liability has been incurred is probable but the amount cannot be reasonably estimated or when the liability is believed to be only reasonably possible or remote. For contingencies where an unfavourable outcome is reasonably possible and which are significant, the company discloses the nature of the contingency and, where feasible, an estimate of the possible loss. For purposes of the company's contingency disclosures, significant includes material matters as well as other matters which management believes should be disclosed. Based on a consideration of all relevant facts and circumstances, the company does not believe the ultimate outcome of any currently pending lawsuits against the company will have a material adverse effect on the company's operations, financial condition, or financial statements taken as a whole.

Additionally, the company has other commitments arising in the normal course of business for operating and capital needs, all of which are expected to be fulfilled with no adverse consequences material to the company's operations or financial condition. Unconditional purchase obligations, as defined by accounting standards, are those long-term commitments that are non-cancelable or cancelable only under certain conditions and that third parties have used to secure financing for the facilities that will provide the contracted goods and services.

millions of dollars	Payments due by period					After	Total
	2016	2017	2018	2019	2020	2020	
Unconditional purchase obligations (a)	<b>100</b>	<b>87</b>	<b>88</b>	<b>101</b>	<b>106</b>	<b>154</b>	<b>636</b>

(a) Undiscounted obligations of \$636 million mainly pertain to pipeline throughput agreements. Total payments under unconditional purchase obligations were \$125 million (2014 - \$112 million, 2013 - \$95 million). The present value of these commitments, excluding imputed interest of \$108 million, totaled \$528 million.

**Table of Contents****Notes to consolidated financial statements (continued)****10. Common shares**

	<b>As at</b>	As at
	<b>Dec. 31</b>	Dec. 31
thousands of shares	<b>2015</b>	2014
Authorized	<b>1,100,000</b>	1,100,000

From 1995 through 2015 the company purchased shares under twenty 12-month normal course issuer bid share repurchase programs, as well as an auction tender. Cumulative purchases to date under these programs totaled 906,544 thousand shares and \$15,708 million. ExxonMobil's participation in these programs maintained its ownership interest in Imperial at 69.6 percent. On June 22, 2015, another 12-month normal course issuer bid program was implemented with an allowable purchase of up to a maximum of one million shares.

The excess of the purchase cost over the stated value of shares purchased has been recorded as a distribution of earnings reinvested.

The company's common share activities are summarized below:

	Thousands of shares	Millions of dollars
Balance as at January 1, 2013	847,599	1,566
Issued under employee share-based awards	-	-
Purchases at stated value	-	-
Balance as at December 31, 2013	847,599	1,566
Issued under employee share-based awards	2	-
Purchases at stated value	(2)	-
Balance as at December 31, 2014	847,599	1,566
<b>Issued under employee share-based awards</b>	<b>1</b>	<b>-</b>
<b>Purchases at stated value</b>	<b>(1)</b>	<b>-</b>
<b>Balance as at December 31, 2015</b>	<b>847,599</b>	<b>1,566</b>

The following table provides the calculation of basic and diluted earnings per share:

	<b>2015</b>	2014	2013
<b>Net income per common share - basic</b>			
Net income (millions of dollars)	<b>1,122</b>	3,785	2,828

Weighted average number of common shares outstanding (millions of shares)	<b>847.6</b>	847.6	847.6
Net income per common share (dollars)	<b>1.32</b>	4.47	3.34
<b>Net income per common share - diluted</b>			
Net income (millions of dollars)	<b>1,122</b>	3,785	2,828
Weighted average number of common shares outstanding (millions of shares)	<b>847.6</b>	847.6	847.6
Effect of employee share-based awards (millions of shares)	<b>3.0</b>	3.0	3.0
Weighted average number of common shares outstanding, assuming dilution (millions of shares)	<b>850.6</b>	850.6	850.6
Net income per common share (dollars)	<b>1.32</b>	4.45	3.32

**Table of Contents****Notes to consolidated financial statements (continued)****11. Miscellaneous financial information**

In 2015, net income included an after-tax loss of \$39 million (2014 \$29 million gain, 2013 \$24 million gain) attributable to the effect of changes in last-in, first-out (LIFO) inventories and a non-cash charge of \$59 million associated with the carrying value of inventory exceeding the current market value. The replacement cost of inventories was estimated to exceed their LIFO carrying values at December 31, 2015 by \$427 million (2014 \$857 million). Inventories of crude oil and products at year-end consisted of the following:

millions of dollars	2015	2014
Crude oil	690	650
Petroleum products	443	409
Chemical products	51	53
Natural gas and other	6	9
Total inventories of crude oil and products	1,190	1,121

Net research and development costs charged to expenses in 2015 were \$149 million (2014 \$128 million, 2013 \$154 million). These costs are included in expenses due to the uncertainty of future benefits.

Accounts payable and accrued liabilities included accrued taxes other than income taxes of \$378 million at December 31, 2015 (2014 \$408 million).

**12. Financing costs and additional notes and loans payable information**

millions of dollars	2015	2014	2013
Debt-related interest	102	82	69
Capitalized interest	(68)	(82)	(69)
Net interest expense	34	-	-
Other interest	5	4	11
Total financing costs (a)	39	4	11

(a) Cash interest payments in 2015 were \$74 million (2014 \$82 million, 2013 \$69 million). The weighted average interest rate on short-term borrowings in 2015 was 0.8 percent (2014 1.1 percent).

As at December 31, 2015, the company had borrowed \$75 million under an arrangement with an affiliated company of ExxonMobil that provides for a non-interest bearing, revolving demand loan from ExxonMobil to the company of up to \$75 million. The loan represents ExxonMobil's share of a working capital facility required to support purchasing, marketing and transportation arrangements for crude oil and diluent products undertaken by Imperial on behalf of ExxonMobil.

In the first quarter of 2015, the company extended the maturity date of its existing \$500 million 364-day short-term unsecured committed bank credit facility to March 2016. The company has not drawn on the facility.

**13. Leased facilities**

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At December 31, 2015, the company held non-cancelable operating leases covering office buildings, rail cars, service stations and other properties with minimum undiscounted lease commitments totaling \$455 million as indicated in the following table:

millions of dollars	Payments due by period						Total
	2016	2017	2018	2019	2020	After 2020	
Lease payments under minimum commitments (a)	<b>185</b>	<b>129</b>	<b>71</b>	<b>29</b>	<b>8</b>	<b>33</b>	<b>455</b>

(a) Net rental cost under cancelable and non-cancelable operating leases incurred in 2015 was \$311 million (2014 \$315 million, 2013 \$287 million). Related rental income was not material.

**Table of Contents****Notes to consolidated financial statements (continued)****14. Long-term debt**

	As at	As at
	Dec. 31	Dec. 31
millions of dollars	<b>2015</b>	2014
Long-term debt (a)	<b>5,952</b>	4,746
Capital leases (b)	<b>612</b>	167
Total long-term debt	<b>6,564</b>	4,913

(a) Borrowed under an existing agreement with an affiliated company of ExxonMobil that provides for a long-term, variable-rate loan from ExxonMobil to the company of up to \$7.75 billion at interest equivalent to Canadian market rates. The agreement is effective until July 31, 2020, cancelable if ExxonMobil provides at least 370 days advance written notice. Average effective rate for the loan was 1.0 percent in 2015.

(b) Capital leases are primarily associated with transportation facilities and services agreements. The average imputed rate was 5.8 percent in 2015 (2014 - 7.0 percent). Total capitalized lease obligations also include \$28 million in current liabilities (2014 - \$22 million). Principal payments on capital leases of approximately \$25 million per year are due in each of the next four years after December 31, 2016.

During 2015, the company increased its long-term debt by \$1,206 million by drawing on an existing facility with an affiliated company of Exxon Mobil Corporation. The increased debt was used to finance normal operations and capital projects.

In July 2015, the company increased the capacity of its existing floating rate loan facility with an affiliated company of ExxonMobil from \$6.25 billion to \$7.75 billion. All terms and conditions of the agreement remained unchanged.

In 2015, the company entered into a long-term capital lease related to the Woodland pipeline for approximately \$480 million. A commitment related to this obligation was previously reported as a firm capital commitment in the company's 2014 Form 10-K.

In the third quarter of 2015, the company extended the maturity date of its existing \$500 million long-term bank credit facility to August 2017. The company has not drawn on the facility.

Subsequent to December 31, 2015 and up to February 10, 2016, the company increased its total debt by \$328 million by drawing on an existing facility. The increased debt was used to supplement normal operations and capital projects.



**Table of Contents****Notes to consolidated financial statements** (continued)**15. Accounting for suspended exploratory well costs**

The company continues capitalization of exploratory well costs when the well has found a sufficient quantity of reserves to justify its completion as a producing well and the company is making sufficient progress assessing the reserves and the economic and operating viability of the project. The term project as used in this report can refer to a variety of different activities and does not necessarily have the same meaning as in any government payment transparency reports.

The following two tables provide details of the changes in the balance of suspended exploratory well costs as well as an aging summary of those costs.

Change in capitalized suspended exploratory well costs:

millions of dollars	2015	2014	2013
Balance as at January 1	167	173	167
Additions pending the determination of proved reserves	-	5	12
Charged to expense	-	-	-
Reclassification to wells, facilities and equipment based on the determination of proved reserves	-	(11)	(6)
Balance as at December 31	167	167	173

Period end capitalized suspended exploratory well costs:

millions of dollars	2015	2014	2013
Capitalized for a period of one year or less	-	-	6
Capitalized for a period of between one and five years	167	167	167
Capitalized for a period of greater than one year	167	167	167
Total	167	167	173

Exploration activity often involves drilling multiple wells, over a number of years, to fully evaluate a project. The table below provides a numerical breakdown of the number of projects with suspended exploratory well costs which had their first capitalized well drilled in the preceding 12 months and those that have had exploratory well costs capitalized for a period greater than 12 months.

	2015	2014	2013
Number of projects with first capitalized well drilled in the preceding 12 months	-	-	-
Number of projects that have exploratory well costs capitalized for a period of greater than 12 months	1	1	1
Total	1	1	1

Exploration activity on the Horn River project with suspended well costs has been completed and further development options are being evaluated.

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**Notes to consolidated financial statements** (continued)

**16. Transactions with related parties**

Revenues and expenses of the company also include the results of transactions with Exxon Mobil Corporation and affiliated companies (ExxonMobil) in the normal course of operations. These were conducted on terms comparable to those which would have been conducted with unrelated parties and primarily consisted of the purchase and sale of crude oil, natural gas, petroleum and chemical products, as well as technical, engineering and research and development costs. Transactions with ExxonMobil also included amounts paid and received in connection with the company's participation in a number of upstream activities conducted jointly in Canada.

In addition, the company has existing agreements with ExxonMobil to:

- a) provide computer and customer support services to the company and to share common business and operational support services that allow the companies to consolidate duplicate work and systems;
- b) operate certain western Canada production properties owned by ExxonMobil as well as provide for the delivery of management, business and technical services to ExxonMobil in Canada. These agreements are designed to provide organizational efficiencies and to reduce costs. No separate legal entities were created from these arrangements. Separate books of account continue to be maintained for the company and ExxonMobil. The company and ExxonMobil retain ownership of their respective assets, and there is no impact on operations or reserves;
- c) provide for the delivery of management, business and technical services to Syncrude Canada Ltd. by ExxonMobil; and
- d) provide for the option of equal participation in new upstream opportunities.

Certain charges from ExxonMobil have been capitalized; they are not material in the aggregate.

As at December 31, 2015, the company had outstanding long-term loans of \$5,952 million (2014 - \$4,746 million) and short-term loans of \$75 million (2014 - \$75 million) from ExxonMobil (see note 14, long-term debt, on page 74 and note 12, financing costs and additional notes and loans payable information, on page 73 for further details).

As at December 31, 2015, the company had outstanding obligations of \$187 million (2014 - \$123 million) due to a rail loading joint venture, in which the company has a 50% ownership interest, for financing the capital expenditure programs and capital requirements.

**Table of Contents****Notes to consolidated financial statements (continued)****17. Other comprehensive income information****Changes in accumulated other comprehensive income:**

millions of dollars	<b>2015</b>	2014	2013
Balance as at January 1	<b>(2,059)</b>	(1,721)	(2,455)
Post-retirement benefits liability adjustment:			
Current period change excluding amounts reclassified from accumulated other comprehensive income	<b>64</b>	(483)	529
Amounts reclassified from accumulated other comprehensive income	<b>167</b>	145	205
Balance as at December 31	<b>(1,828)</b>	(2,059)	(1,721)
<b>Amounts reclassified out of accumulated other comprehensive income before tax income/(expense)</b>			

millions of dollars	<b>2015</b>	2014	2013
Amortization of post-retirement benefits liability adjustment included in net periodic benefit cost (a)	<b>(228)</b>	(196)	(276)

(a) This accumulated other comprehensive income component is included in the computation of net periodic benefit cost (note 4).

**Income tax expense/(credit) for components of other comprehensive income**

millions of dollars	<b>2015</b>	2014	2013
Post-retirement benefits adjustments:			
Post-retirement benefits liability adjustment (excluding amortization)	<b>24</b>	(169)	185
Amortization of post-retirement benefits liability adjustment included in net periodic benefit cost	<b>61</b>	51	71
Total	<b>85</b>	(118)	256

**Table of Contents****Supplemental information on oil and gas exploration and production activities (unaudited)**

The information on pages 78 to 79 excludes items not related to oil and natural gas extraction, such as administrative and general expenses, pipeline operations, gas plant processing fees and gains or losses on asset sales. The company's 25 percent interest in proved synthetic oil reserves in the Syncrude joint-venture and 70.96 percent interest in proved bitumen reserves in the Kearl project are included as part of the company's total proved oil and gas reserves in accordance with U.S. Securities and Exchange Commission and U.S. Financial Accounting Standards Board rules. Similarly, the company's share of proved synthetic oil reserves from Syncrude and proved bitumen reserves from Kearl are included in the calculation of the standardized measure of discounted future cash flows. Results of operations, costs incurred in property acquisitions, exploration and development activities, and capitalized costs include the company's share of Syncrude, Kearl and other unproved mineable acreages in the following tables.

The company's share of results of operations, costs incurred in property acquisitions, exploration and development activities and capitalized costs relating to Celtic (XTO Canada) are included in the following tables for the first time in 2013. Similarly, the company's share of proved reserves for Celtic (XTO Canada) are included as part of the company's total proved oil and gas reserves and in the calculation of the standardized measure of discounted future cash flows.

**Results of operations**

millions of dollars	2015	2014	2013
Sales to customers (a)	2,483	2,921	2,282
Intersegment sales (a) (b)	1,855	3,862	3,905
	4,338	6,783	6,187
Production expenses	3,727	3,860	3,392
Exploration expenses	73	67	123
Depreciation and depletion	1,102	789	586
Income taxes	174	513	512
Results of operations	(738)	1,554	1,574

The amounts reported as costs incurred in property acquisitions, exploration and development activities include both capitalized costs and costs charged to expense during the year. Costs incurred also include new asset retirement obligations established in the current year, as well as increases or decreases to the asset retirement obligation resulting from changes in cost estimates or abandonment date.

**Costs incurred in property acquisitions, exploration and development activities**

millions of dollars	2015	2014	2013
Property costs (c)			
Proved	-	-	34
Unproved	-	-	2,013
Exploration costs	76	74	124
Development costs	3,035	4,710	5,847
Total costs incurred in property acquisitions, exploration and development activities	3,111	4,784	8,018

(a) Sales to customers or intersegment sales do not include the sale of natural gas and natural gas liquids purchased for resale, as well as royalty payments. These items are reported gross in note 2 in operating revenues, intersegment sales and in purchases of crude oil and products.

- (b) Sales of crude oil to consolidated affiliates are at market value, using posted field prices. Sales of natural gas liquids to consolidated affiliates are at prices estimated to be obtainable in a competitive, arm's-length transaction.
- (c) Property costs are payments for rights to explore for petroleum and natural gas and for purchased reserves (acquired tangible and intangible assets such as gas plants, production facilities and producing-well costs are included under producing assets ). Proved represents areas where successful drilling has delineated a field capable of production. Unproved represents all other areas.

**Table of Contents****Supplemental information on oil and gas exploration and production activities (unaudited) (continued)****Capitalized costs**

millions of dollars	2015	2014
Property costs (a)		
Proved	2,172	2,202
Unproved	2,542	2,575
Producing assets	35,769	25,126
Incomplete construction	2,862	11,171
Total capitalized cost	43,345	41,074
Accumulated depreciation and depletion	(10,975)	(10,084)
Net capitalized costs	32,370	30,990

(a) Property costs are payments for rights to explore for petroleum and natural gas and for purchased reserves (acquired tangible and intangible assets such as gas plants, production facilities and producing-well costs are included under producing assets). Proved represents areas where successful drilling has delineated a field capable of production. Unproved represents all other areas.

**Standardized measure of discounted future cash flows**

As required by the U.S. Financial Accounting Standards Board, the standardized measure of discounted future net cash flows is computed by applying first-day-of-the-month average prices, year-end costs and legislated tax rates and a discount factor of 10 percent to net proved reserves. The standardized measure includes costs for future dismantlement, abandonment and remediation obligations. The company believes the standardized measure does not provide a reliable estimate of the company's expected future cash flows to be obtained from the development and production of its oil and gas properties or of the value of its proved oil and gas reserves. The standardized measure is prepared on the basis of certain prescribed assumptions, including first-day-of-the-month average prices, which represent discrete points in time and therefore may cause significant variability in cash flows from year to year as prices change.

**Standardized measure of discounted future net cash flows related to proved oil and gas reserves**

millions of dollars	2015	2014	2013
Future cash flows	168,482	292,376	231,873
Future production costs	(122,188)	(127,070)	(92,926)
Future development costs	(36,048)	(39,814)	(32,126)
Future income taxes	(3,333)	(27,853)	(23,707)
Future net cash flows	6,913	97,639	83,114
Annual discount of 10 percent for estimated timing of cash flows	(3,683)	(66,582)	(58,204)
Discounted future cash flows	3,230	31,057	24,910

**Changes in standardized measure of discounted future net cash flows related to proved oil and gas reserves**

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Balance at beginning of year	<b>31,057</b>	24,910	24,836
Changes resulting from:			
Sales and transfers of oil and gas produced, net of production costs	<b>(1,134)</b>	(3,282)	(3,026)
Net changes in prices, development costs and production costs	<b>(37,945)</b>	655	(17,683)
Extensions, discoveries, additions and improved recovery, less related costs	<b>29</b>	(374)	31
Development costs incurred during the year	<b>2,250</b>	4,414	5,500
Revisions of previous quantity estimates	<b>972</b>	4,907	12,321
Accretion of discount	<b>1,683</b>	1,634	1,703
Net change in income taxes	<b>6,318</b>	(1,807)	1,228
Net change	<b>(27,827)</b>	6,147	74
Balance at end of year	<b>3,230</b>	31,057	24,910



**Table of Contents****Supplemental information on oil and gas exploration and production activities** (unaudited) (continued)**Net proved reserves (a)**

					Total
	Liquids (b)	Natural gas	Synthetic oil	Bitumen	oil-equivalent basis (c)
	millions of barrels	billions of cubic feet	millions of barrels	millions of barrels	millions of barrels
Beginning of year 2013	53	488	599	2,841	3,574
Revisions	6	(2)	4	78	88
Improved recovery	-	-	-	-	-
(Sale)/purchase of reserves in place	10	261	-	-	54
Discoveries and extensions	-	-	-	-	-
Production	(7)	(69)	(24)	(52)	(94)
End of year 2013	62	678	579	2,867	3,622
Revisions	1	9	(23)	466	445
Improved recovery	-	-	-	-	-
(Sale)/purchase of reserves in place	(14)	(48)	-	-	(22)
Discoveries and extensions	3	45	-	-	10
Production	(6)	(57)	(22)	(59)	(96)
End of year 2014	46	627	534	3,274	3,959
<b>Revisions</b>	<b>(10)</b>	<b>(28)</b>	<b>68</b>	<b>331</b>	<b>384</b>
<b>Improved recovery</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>(Sale)/purchase of reserves in place</b>	<b>1</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Discoveries and extensions</b>	<b>2</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>5</b>
<b>Production</b>	<b>(5)</b>	<b>(45)</b>	<b>(21)</b>	<b>(90)</b>	<b>(124)</b>
<b>End of year 2015</b>	<b>34</b>	<b>583</b>	<b>581</b>	<b>3,515</b>	<b>4,227</b>

**Net proved developed reserves included above, as of**

January 1, 2013	52	373	599	543	1,256
December 31, 2013	55	368	579	1,417	2,113
December 31, 2014	36	300	534	1,635	2,255
<b>December 31, 2015</b>	<b>23</b>	<b>283</b>	<b>581</b>	<b>3,063</b>	<b>3,714</b>

**Net proved undeveloped reserves included above, as of**

January 1, 2013	1	115	-	2,298	2,318
December 31, 2013	7	310	-	1,450	1,509

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December 31, 2014	10	327	-	1,639	1,704
<b>December 31, 2015</b>	<b>11</b>	<b>300</b>	<b>-</b>	<b>452</b>	<b>513</b>

(a) Net reserves are the company's share of reserves after deducting the shares of mineral owners or governments or both. All reported reserves are located in Canada. Reserves of natural gas are calculated at a pressure of 14.73 pounds per square inch at 60°F.

(b) Liquids include crude, condensate and natural gas liquids (NGLs). NGL proved reserves are not material and are therefore included under liquids.

(c) Gas converted to oil-equivalent at 6 million cubic feet per one thousand barrels.

The information above describes changes during the years and balances of proved oil and gas reserves at year-end 2013, 2014 and 2015. The definitions used are in accordance with the U.S. Securities and Exchange Commission's Rule 4-10 (a) of Regulation S-X.

Proved oil and gas reserves are those quantities of oil and gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible from a given date forward, from known reservoirs, and under existing economic conditions, operating methods and government regulations prior to the time at which contracts providing the right to operate expire. In some cases, substantial new investments in additional wells and other facilities will be required to recover these proved reserves.

**Table of Contents****Supplemental information on oil and gas exploration and production activities (unaudited) (continued)**

In accordance with SEC rules, the year-end reserves volumes as well as the reserves change categories shown in the proved reserves tables were calculated using average prices during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period. These reserves quantities were also used in calculating unit-of-production depreciation rates and in calculating the standardized measure of discounted net cash flow.

Revisions can include upward or downward changes in previously estimated volumes of proved reserves for existing fields due to the evaluation or re-evaluation of already available geologic, reservoir or production data; new geologic, reservoir or production data; or changes in prices and costs that are used in the estimation of reserves. This category can also include significant changes in either development strategy or production equipment/facility capacity.

In 2015, upward revisions of proved developed bitumen reserves were associated with migration of the Kearl expansion project from proved undeveloped, and improved performance demonstrated at Kearl. As well, upward revisions to bitumen and synthetic oil were associated with lower royalty obligations driven by lower pricing.

When crude oil and natural gas prices are in the range seen in late 2015 and early 2016 for an extended period of time, under the SEC definition of proved reserves, certain quantities of oil and natural gas, such as oil sands operations, could temporarily not qualify as proved reserves. Amounts required to be de-booked as proved reserves on an SEC basis are subject to being re-booked as proved reserves at some point in the future when price levels recover. Under the terms of certain contractual arrangements or government royalty regimes, lower prices can also increase proved reserves attributable to the company. It is not expected that any temporary changes in reported proved reserves under SEC definitions would affect the operation of the underlying projects or alter the outlook for future production volumes.

Net proved reserves are determined by deducting the estimated future share of mineral owners or governments or both. For liquids and natural gas, net proved reserves are based on estimated future royalty rates as of the date the estimate is made incorporating the applicable governments' oil and gas royalty regimes. For bitumen, net proved reserves are based on the company's best estimate of average royalty rates over the remaining life of each of the Cold Lake and Kearl fields, and they incorporate the Alberta government's revised oil sands royalty regime. For synthetic oil, net proved reserves are based on the company's best estimate of average royalty rates over the remaining life of the project, and they incorporate amendments to the Syncrude Crown Agreement. In all cases, actual future royalty rates may vary with production, price and costs.

Net proved developed reserves are those volumes that are expected to be recovered through existing wells and facilities with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well or facility. Net proved undeveloped reserves are those volumes that are expected to be recovered as a result of future investments to drill new wells, to recompleat existing wells and/or to install facilities to collect and deliver the production from existing and future wells and facilities.

No independent qualified reserves evaluator or auditor was involved in the preparation of the reserves data.

**Table of Contents****Quarterly financial and stock trading data (a)**

	2015				2014			
	three months ended				three months ended			
	Dec. 31	Sept. 30	June 30	Mar. 31	Dec. 31	Sept. 30	June 30	Mar. 31
<b>Financial data</b> (millions of dollars)								
Total revenues and other income	6,229	7,155	7,301	6,203	8,030	9,658	10,049	9,226
Total expenses	6,100	6,518	6,705	5,642	7,160	8,413	8,403	7,966
Income before income taxes	129	637	596	561	870	1,245	1,646	1,260
Income taxes	27	158	476	140	199	309	414	314
Net income	102	479	120	421	671	936	1,232	946
<b>Segmented net income</b> (millions of dollars)								
Upstream	(289)	(52)	(174)	(189)	218	532	857	452
Downstream	352	454	215	565	397	343	366	488
Chemical	74	78	69	66	63	66	57	43
Corporate and Other	(35)	(1)	10	(21)	(7)	(5)	(48)	(37)
Net income	102	479	120	421	671	936	1,232	946
<b>Per-share information</b> (dollars)								
Net earnings basic	0.12	0.56	0.14	0.50	0.80	1.10	1.45	1.12
Net earnings diluted	0.12	0.56	0.14	0.50	0.79	1.10	1.45	1.11
Dividends (declared quarterly)	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13
<b>Share prices</b> (dollars) (b)								
Toronto Stock Exchange								
High	46.27	49.40	55.37	52.06	55.76	57.96	56.94	51.89
Low	39.30	40.55	46.51	44.08	45.52	52.05	50.36	44.99
Close	45.08	42.28	48.25	50.55	50.05	52.91	56.23	51.48
NYSE MKT (U.S. dollars)								
(b)								
High	35.40	38.88	45.60	43.35	49.55	54.09	53.10	47.08
Low	28.66	30.35	37.94	35.69	39.14	46.85	46.01	40.20
Close	32.52	31.61	38.62	39.88	43.03	47.22	52.63	46.55

**Shares traded** (thousands)

(c) 100,077 104,678 88,186 95,600 113,657 69,107 78,236 87,465

(a) Quarterly data has not been audited by the company's independent auditors.

(b) Imperial's shares are listed on the Toronto Stock Exchange. The company's shares also trade in the United States of America on the NYSE MKT LLC. Imperial has unlisted privileges on the NYSE MKT LLC, a subsidiary of

NYSE Euronext. The symbol on these exchanges for Imperial's common shares is IMO. Share prices were obtained from stock exchange records. U.S. dollar share price presented is based on consolidated U.S. market data.

(c) The number of shares traded is based on transactions on the above stock exchanges.

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**Proxy information section**

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**III. Board of directors**

**Director information**

The tables on the following pages provide information on the seven nominees proposed for election to the board of directors of the company. All of the nominees are now directors and have been since the dates indicated.

Included in these tables is information relating to the director nominees' biographies, independence status, expertise, committee memberships, attendance, public board memberships, non-profit sector affiliations and shareholdings in the company, as well as any shareholdings in Exxon Mobil Corporation. The information is as of February 10, 2016, the effective date of this circular, unless otherwise indicated.

**Table of Contents****Director Nominee****K.T. (Krystyna) Hoeg**

Ms. Hoeg was the president and chief executive officer of Corby Distilleries Limited from 1996 until her retirement in February 2007. She previously held several positions in the finance and controllers functions of Allied Domecq PLC and Hiram Walker & Sons Limited. Prior to that, she spent five years in public practice as a chartered accountant with the accounting firm of Touche Ross. She is currently a director of Sun Life Financial Inc. and New Flyer Industries Inc., and is also a director of Samuel, Son & Co. Limited and Revera Inc., privately owned corporations. Ms. Hoeg is also the chair of the Toronto East General Hospital board.

Toronto, Ontario, Canada

Age: 66

**Current Position:**

Nonemployee director

**Board and Committee Membership****Attendance  
in 2015****Independent**

Imperial Oil Limited board	7 of 7	100%
	5	
	of	

Audit committee	5	100%
-----------------	---	------

Executive resources committee ( <b>Chair</b> )	7 of 7	100%
--	--------	------

**Director since:**

May 1, 2008

	2	
	of	

Environment, health and safety committee	2	100%
	4	
	of	

Nominations and corporate governance committee	4	100%
--	---	------

Normally ineligible for re-election in 2022

	2	
	of	

Contributions committee	2	100%
-------------------------	---	------

Annual meeting of shareholders	1	100%
--------------------------------	---	------

**Skills and experience:**

Leadership of large organizations

Project management



**Overall Attendance 100%**

Global experience

Strategy development

Audit committee financial expert

Financial expertise

Executive compensation

**Imperial Oil Limited Equity Ownership (a) (b) (c) (d)**

As at	Common Shares Units (DSU) (% of class)	Deferred Share Units (DSU)	Restricted Stock Units (RSU) and RSU	Total Common Shares, DSU and RSU
-------	---	-------------------------------	---	---

**Voting Results of 2015****Annual General Meeting:****Votes For:** 746,261,221 (99.90%)

Holdings as of February 10, 2016 (#)	0	24,219	10,000	34,219
--------------------------------------	---	--------	--------	--------

**Votes Withheld:** 775,709 (0.10%)**Total Votes:** 747,036,930

Total Market Value as at February 10, 2016 (\$)	0	1,002,182	413,800	1,415,982
---	---	-----------	---------	-----------

**Share ownership guidelines have been met.****Change in Ownership from last proxy disclosure in 2015 (a) (b)**

As at	Change in Common Shares Held	Change in Deferred Share Units Held (DSU) (#)	Change in Restricted Stock Units (RSU) (#)	Total Year over Year Change in Common Shares, DSU and RSU Holdings (#)
-------	--	--	---	--

0                      3,283                      0                      3,283

Year over year change

**Exxon Mobil Corporation Equity Ownership (a) (c) (e)**

As at	Common Shares Stock (% of class)	Restricted Shares Stock	Total Common Total Market Value of	
			Shares and Restricted Stock	Common Shares and Restricted Stock (\$)
February 10, 2016	0	0	0	0

**Public Company Directorships in the Past Five Years**

- New Flyer Industries (2015    Present)
- Sun Life Financial Inc. (2002    Present)
- Canadian Pacific Railway Limited (2007    2015)
- Canadian Pacific Railway Company (2007    2015)
- Shoppers Drug Mart Corporation (2006    2014)

**Public Board Interlocks**

None

**Other Positions in the Past Five Years** (position, date office held and status of employer)

No other positions held in the last five years

**Non-profit sector affiliations**

Toronto East General Hospital (Chair of the Board)

Table of Contents**Director Nominee****R.M. (Richard) Kruger**

Mr. Kruger was appointed chairman, president and chief executive officer of Imperial Oil Limited effective March 1, 2013. Mr. Kruger has worked for Exxon Mobil Corporation and its predecessor companies since 1981 in various upstream and downstream assignments with responsibilities in the United States, the former Soviet Union, the Middle East, Africa and Southeast Asia. In his previous position, Mr. Kruger was vice-president of Exxon Mobil Corporation and president of ExxonMobil Production Company, a division of Exxon Mobil Corporation, with responsibility for ExxonMobil's global oil and gas producing operations.

Calgary, Alberta, Canada

Age: 56

**Current Position:** Chairman,  
president and chief executive  
officer, Imperial Oil Limited

**Not independent****Director since:**

March 1, 2013

**Board and Committee Membership****Attendance  
in 2015**

Imperial Oil Limited board ( <b>Chair</b> )	7 of 7	100%
	2	
	of	
Contributions committee	2	100%
Annual meeting of shareholders	1	100%
	of	
	1	

**Overall Attendance 100%****Skills and experience:**

Leadership of large  
organizations

Operations/technical

**Imperial Oil Limited Equity Ownership (a) (b) (c) (d)**

As at

Common	Deferred Share Units (DSU)	Restricted Stock	Total Common
--------	-------------------------------	------------------	--------------

### Annual General Meeting:

**Votes For:** 729,844,020 (97.70%)

### Change in Ownership from last proxy disclosure in 2015 (a) (b)

As at	Total Year over Year			
	Change		change in	
	in		Common	
	Change in		Restricted	
	Deferred Share		Stock Shares, DSU	
Change in	Units Held (DSUs)		and	
Common	Units Held (RSU)		RSU	
Shares Held	(#)	(#)	Holdings (#)	
Year over year change	0	0	100,700	100,700

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As at	Common Shares  (% of class)	Restricted Stock	Total Market Value of	
			Shares and Restricted Stock (\$)	Common and Restricted Stock (\$)
February 10, 2016	885  ( $<0.01\%$ )	166,800	167,685	18,585,548

Public Company Directorships in the Past Five Years

None

Public Board Interlocks

None

Other Positions in the Past Five Years (position, date office held and status of employer)

Vice-president, Exxon Mobil Corporation and President, ExxonMobil Production Company, a division of Exxon Mobil Corporation (2008 - 2013) (Affiliate)

**Non-profit sector affiliations**

United Way of Calgary and Area (Board of Directors)

C.D. Howe Institute (Group Advisory Member)

University of Minnesota Foundation (Board of Trustees)

Canadian Council of Chief Executives (Member)

**Table of Contents****Director Nominee****J.M. (Jack) Mintz**

Calgary, Alberta, Canada

Dr. Mintz is currently the President's Fellow at the University of Calgary's School of Public Policy focusing on tax, urban and financial market regulatory policy programs. From 2006 to 2015, Dr. Mintz was the Director and Palmer Chair in Public Policy for the University of Calgary, and from 1999 to 2006 he was the president and chief executive officer of The C.D. Howe Institute. He has also been a professor at the Joseph L. Rotman School of Management at the University of Toronto since 1989. Dr. Mintz also has published widely in the fields of public economics and fiscal federalism, been an advisor to governments throughout the world on fiscal matters, and has frequently published articles in national newspapers and magazines.

Age: 64

**Current Position:**

Nonemployee director

**Board and Committee Membership****Attendance  
in 2015****Independent****Director since:**

April 21, 2005

Normally ineligible for re-election  
in 2023**Skills and experience:**

Global experience

Imperial Oil Limited board	7 of 7	100%
	5	of
Audit committee	5	100%
Executive resources committee	7 of 7	100%
	2	of
Environment, health and safety committee ( <b>Chair</b> )	2	100%
	4	of
Nominations and corporate governance committee	4	100%
	2	of
Contributions committee	2	100%
Annual meeting of shareholders	1	100%
	of	
	1	



Strategy development

**Overall Attendance**  
**100%**

Financial expertise

Government relations

Academic/research

Executive compensation

**Imperial Oil Limited Equity Ownership (a) (b) (c) (d)****Voting Results of 2015****Annual General Meeting:****Votes For:** 746,527,183 (99.93%)**Votes Withheld:** 509,747 (0.07%)**Total Votes:** 747,036,930

As at	Common Shares (% of class)	Deferred Share Units (DSU)	Total Common Restricted Stock Shares, DSU and Units (RSU) RSU
-------	----------------------------------	-------------------------------	---

Holdings as of February 10, 2016 (#)	1,000 ( $<0.01\%$ )	20,222	10,000	31,222
---	------------------------	--------	--------	--------

Total Market Value as at February 10, 2016 (\$)	41,380	836,786	413,800	1,291,966
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**Share ownership guidelines have been met.****Change in Ownership from last proxy disclosure in 2015 (a) (b)**

As at	Change in Common Shares Held	Change in Deferred Share Units Held (DSU) (#)	Change in Restricted Stock Shares, DSU and Units Held (RSU)	Change in Total Common Shares, DSU and Units Held (RSU)
-------	------------------------------------	--	--	--

			(#)	Holdings (#)
Year over year change	0	3,237	0	3,237

**Exxon Mobil Corporation Equity Ownership (a) (c) (e)**

As at	Common Shares (% of class)	Restricted Stock	Total Common Shares and Restricted Stock	Total Market Value Common Shares and Restricted Stock (\$)
February 10, 2016	0	0	0	0

**Public Company Directorships in the Past Five Years**

Morneau Shepell Inc. (2010 - Present)
Brookfield Asset Management Inc. (formerly Brascan Corporation) (2002 2012)

**Public Board Interlocks**

None

**Other Positions in the Past Five Years** (position, date office held and status of employer)

No other positions held in the last five years

**Non-profit sector affiliations**

Social Science and Humanities Research Council of Canada (Vice-president and chair of the governing council)

Literary Review of Canada (Board of Directors)

**Table of Contents****Director Nominee**

**D.S. (David) Sutherland** In July 2007, Mr. Sutherland retired as president and chief executive officer of the former IPSCO, Inc. after spending 30 years with the company and more than five years as president and chief executive officer. Mr. Sutherland is the chairman of the board of United States Steel Corporation, lead director of GATX Corporation, and chairman of Graham Group Ltd., an employee owned corporation. Mr. Sutherland is a former chairman of the American Iron and Steel Institute and served as a member of the board of directors of the Steel Manufacturers Association, the International Iron and Steel Institute, the Canadian Steel Producers Association and the National Association of Manufacturers.

Waterloo, Ontario,  
Canada

**Board and Committee Membership****Attendance in 2015**

Age: 66

<b>Current Position:</b>	Imperial Oil Limited board	7 of 7	100%
	Audit committee	5 of 5	100%
	Executive resources committee	7 of 7	100%
	Environment, health and safety committee	2 of 2	100%
	Nominations and corporate governance committee	4 of 4	100%
	Contributions committee ( <b>Chair</b> )	2 of 2	100%
Nonemployee director	Annual meeting of shareholders	1 of 1	100%

**Independent**

**Overall Attendance 100%**

**Director since:**

April 29, 2010

**Imperial Oil Limited Equity Ownership (a) (b) (c) (d)**

Normally ineligible for  
re-election in 2022

As at

**Skills and experience:**

	Common	Deferred Share	Total Common
	Shares	Units (DSU)	Shares, DSU and

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Leadership of large organizations	(% of class)	URSU (RSU)			
Operations/technical					
Global experience	Holdings as of February 10, 2016 (#)	45,000	17,724	9,000	71,724
Strategy development	(<0.01%)				
Audit committee financial expert	Total Market Value as at February 10, 2016 (\$)	1,862,100	733,419	372,420	2,967,939
Financial expertise					
Government relations					
Executive compensation	Share ownership guidelines have been met.				

Change in Ownership from last proxy disclosure in 2015 (a) (b)

Voting Results of 2015

Annual General Meeting:

Votes For: 746,626,956 (99.95%)

Votes Withheld: 409,974 (0.05%)

Total Votes: 747,036,930

As at	Change in Common Shares Held	Change in Deferred Share Units Held (DSU) (#)	Change in Restricted Stock Units Held (RSU) (#)	Total Year over Year change in Common Shares, DSU and RSU Holdings (#)
Year over year change	0	3,208	1,000	4,208

Exxon Mobil Corporation Equity Ownership (a) (c) (e)

As at	Common Shares (% of class)	Restricted Stock	Total Common	Total Market Value
-------	----------------------------	------------------	--------------	--------------------

			Shares and Restricted Stock	of Common Shares and Restricted Stock (\$)
February 10, 2016	5,730	0	5,730	635,091
	(<0.01%)			

### Public Company Directorships in the Past Five Years

GATX Corporation (2007 - Present)

United States Steel Corporation, (2008 - Present)

### Public Board Interlocks

None

### Other Positions in the Past Five Years (position, date office held and status of employer)

No other positions held in the last five years

### Non-profit sector affiliations

KidsAbility, Centre for Child Development (Finance Committee)



**Table of Contents****Director Nominee**

**D.G. (Jerry) Wascom** Mr. Wascom is a vice-president of Exxon Mobil Corporation and is the president of ExxonMobil Refining & Supply Company, a division of Exxon Mobil Corporation, with responsibility for ExxonMobil's global refining and supply operations. He is located in Spring, Texas. Mr. Wascom has worked for ExxonMobil in a range of refining operations management assignments, as well as international assignments in Asia Pacific.

Spring, Texas, United States of America

Age: 59

**Board and Committee Membership****Attendance in 2015****Current Position:**

Vice-president, Exxon Mobil Corporation and president ExxonMobil Refining & Supply Company

Imperial Oil Limited board	7 of 7	100%
Executive resources committee	7 of 7	100%
Environment, health and safety committee	2 of 2	100%
Nominations and corporate governance committee	4 of 4	100%
Contributions committee	2 of 2	100%
	1 of 1	100%

**Not independent****Director since:**

Annual meeting of shareholders

July 30, 2014

**Overall Attendance 100%**

**Skills and experience:**

Leadership of large organizations

**Imperial Oil Limited Equity Ownership (a) (b) (c) (d)**



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Operations/technical					
Project management	As at	Common	Deferred Share	Restricted Stock	Total Common
Global experience		Shares	Units (DSU)	Units (RSU)	Shares, DSU and
Strategy development		(% of class)			RSU
Financial expertise					
Executive compensation	Holdings as of February 10,				
	2016 (#)	0	0	0	0
	Total Market Value as at February 10, 2016 (\$)	0	0	0	0

**No share ownership guidelines apply.**

Change in Ownership from last proxy disclosure in 2015 (a) (b)				
As at	Change in Common Shares Held	Change in Deferred Share Units Held (DSU) (#)	Change in Restricted Stock Units Held (RSU) (#)	Total Year over Year change in Common Shares, DSU and RSU Holdings (#)
	0	0	0	0

Year over  
year change

### Exxon Mobil Corporation Equity Ownership (a) (c) (e)

As at	Common Shares (% of class)	Restricted Stock	Total Common Shares and Restricted Stock	Total Market Value of Common Shares and Restricted Stock (\$)
February 10, 2016	16,262 (<0.01%)	159,200	175,462	19,447,520

### Public Company Directorships in the Past Five Years

None

### Public Board Interlocks

None

### Other Positions in the Past Five Years (position, date office held and status of employer)

### Voting Results of 2015

#### Annual General Meeting:

Director, Refining North America, ExxonMobil Refining & Supply Company (2013 - 2014) (Affiliate)

**Votes For:** 725,745,046      Director, Refining Americas, ExxonMobil Refining & Supply Company (2009 - 2013)  
(97.15%)      (Affiliate)

**Votes Withheld:**  
21,291,884 (2.85%)

**Total Votes:**  
747,036,930

**Non-profit sector affiliations**

None

Table of Contents**Director Nominee****S.D.  
(Sheelagh)  
Whittaker**

Ms. Whittaker spent much of her early business career as director and partner with The Canada Consulting Group, now Boston Consulting Group. From 1989 she was president and chief executive officer of Canadian Satellite Communications (Cancom). In 1993, Ms. Whittaker joined Electronic Data Systems of Plano, Texas, then one of the world's foremost providers of information technology services. Initially spending several years as president and chief executive officer of EDS Canada, Ms. Whittaker then undertook other key leadership roles globally, ultimately serving the company as managing director, United Kingdom, Middle East and Africa, until her retirement from EDS in November 2005.

London,  
England**Board and Committee Membership****Attendance in 2015**

Age: 68

Imperial Oil Limited board

7 of 7

100%

Audit committee

5 of 5

100%

**Current  
Position:**

Executive resources committee

7 of 7

100%

Environment, health and safety committee

2 of 2

100%

Nonemployee  
directorNominations and corporate governance committee **(Chair)**

4 of 4

100%

Contributions committee

2 of 2

100%

**Independent**

Annual meeting of shareholders

1 of 1

100%

**Overall Attendance 100%****Director  
since:****Imperial Oil Limited Equity Ownership (a) (b) (c) (d)**

April 19, 1996

As at

Deferred Share  
Units (DSU)Restricted Stock  
Units (RSU)

Total Common

Common

Shares, DSU and

Shares

RSU

(% of class)

Normally  
ineligible for  
re-election in  
2019

**Skills and experience:**

Leadership of large organizations

Global experience

Strategy development

Audit committee financial expert

Financial expertise

Government relations

Information technology

Executive compensation

Holdings as of February

10, 2016 (#)

9,350

(<0.01%)

47,160

10,000

66,510

Total Market Value as at

February 10, 2016 (\$)

386,903

1,951,481

413,800

2,752,184

**Share ownership guidelines have been met.**

**Change in Ownership from last proxy disclosure in 2015 (a) (b)**

	Change in Common Shares Held	Change in Deferred Share Units Held (DSU) (#)	Change in Restricted Stock Units Held (RSU) (#)	Total Year over Year change in Common Shares, DSU and RSU Holdings (#)
As at				

Year over year change

0

3,550

0

3,550

**Exxon Mobil Corporation Equity Ownership (a) (c) (e)**

As at

Common Shares

(% of class)

Restricted Stock

Total Common Shares and Restricted Stock

Total Market Value of Common Shares

and Restricted Stock (\$)

February 10, 2016	0	0	0	0
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### Public Company Directorships in the Past Five Years

Standard Life Canada (2013 – 2015)

Standard Life plc (2009 – 2013)

### Public Board Interlocks

None

### Other Positions in the Past Five Years (position, date office held and status of employer)

#### Voting Results of 2015

No other positions held in the last five years

#### Annual General Meeting:

**Votes For:**  
745,240,057  
(99.76%)

#### Non-profit sector affiliations

Member of the VIP Advisory Board of the European Professional Women's Network

**Votes  
Withheld:**  
1,796,873  
(0.24%)

Nanaimo Child Development Centre (volunteer)

**Total Votes:**  
747,036,930

**Table of Contents****Director Nominee**

**V.L. (Victor) Young,**  
**O.C.**

From November 1984 until May 2001, Mr. Young served as chairman and chief executive officer of Fishery Products International Limited, a frozen seafood products company. Mr. Young is a director of Royal Bank of Canada and is also a director of McCain Foods Limited, a privately owned corporation. Mr. Young was appointed an Officer of the Order of Canada in 1996 and is currently the chair of the Regulatory Advisory Committee on Red Tape Reduction established by the Government of Canada.

St. John's,  
Newfoundland and  
Labrador, Canada

**Board and Committee Membership****Attendance in 2015**

Age: 70

<b>Current Position:</b>	Imperial Oil Limited board	7 of 7	100%
	Audit committee ( <b>Chair</b> )	5 of 5	100%
Nonemployee director	Executive resources committee	7 of 7	100%
	Environment, health and safety committee	2 of 2	100%
<b>Independent</b>	Nominations and corporate governance committee	4 of 4	100%
	Contributions committee	2 of 2	100%
<b>Director since:</b>	Annual meeting of shareholders	1 of 1	100%

April 23, 2002

**Overall Attendance 100%**

Normally ineligible  
for re-election in  
2018

**Imperial Oil Limited Equity Ownership (a) (b) (c) (d)**



**Skills and experience:**

Leadership of large organizations

Strategy development

Audit committee financial expert

Financial expertise

Government relations

Executive compensation

As at	Common Shares (% of class)	Deferred Share Units (DSU)	Restricted Stock Units (RSU)	Total Common Shares, DSU and RSU
-------	-------------------------------	----------------------------	------------------------------	----------------------------------

Holdings as of February 10, 2016 (#)	22,500 ( $<0.01\%$ )	12,042	10,000	44,542
--------------------------------------	-------------------------	--------	--------	--------

Total Market Value as at February 10, 2016 (\$)	931,050	498,298	413,800	1,843,148
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**Share ownership guidelines have been met.****Change in Ownership from last proxy disclosure in 2015 (a) (b)**

As at	Change in Common Shares Held	Change in Deferred Share Units Held (DSU) (#)	Change in Restricted Stock Units Held (RSU) (#)	Total Year over Year change in Common Shares, DSU and RSU Holdings (#)
-------	------------------------------	---	---	--

Year over year change	0	890	0	890
-----------------------	---	-----	---	-----

**Exxon Mobil Corporation Equity Ownership (a) (c) (e)**

As at	Common Shares (% of class)	Restricted Stock	Total Common Shares and Restricted Stock	Total Market Value of Common Shares and Restricted Stock (\$)
February 10, 2016	0	0	0	0

**Public Company Directorships in the Past Five Years**

Royal Bank of Canada (1991 – Present)

**Public Board Interlocks**

None

**Other Positions in the Past Five Years** (position, date office held and status of employer)**Voting Results of  
2015****Annual General  
Meeting:**

**Votes For:**  
746,526,971  
(99.93%)

No other positions held in the last five years

**Non-profit sector affiliations**

**Votes Withheld:**  
509,959 (0.07%)

Advisory committee on red tape reduction established by the Government of Canada (Chair)

Gathering Place (Fundraising committee)

**Total Votes:**  
747,036,930

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### **Footnotes to Directors Tables on pages 85 through 91:**

- (a) The information includes the beneficial ownership of common shares of Imperial Oil Limited and shares of Exxon Mobil Corporation, which information not being within the knowledge of the company has been provided by the nominees individually.
- (b) The company's plan for restricted stock units for nonemployee directors is described on page 111. The company's plan for deferred share units for nonemployee directors is described on page 110. The company's plan for restricted stock units for selected employees is described on page 125.
- (c) The numbers for the company's restricted stock units represent the total of the outstanding restricted stock units received in 2009 through 2015 and deferred share units received since directors' appointment. The numbers for Exxon Mobil Corporation restricted stock include outstanding restricted stock and restricted stock units granted under its restricted stock plan which is similar to the company's restricted stock unit plan.
- (d) The value for Imperial Oil Limited common shares, deferred share units, restricted stock units is based on the closing price for Imperial Oil Limited common shares on the Toronto Stock Exchange of \$41.38 on February 10, 2016.
- (e) The value for Exxon Mobil Corporation common shares and restricted stock is based on the closing price for Exxon Mobil Corporation common shares of \$79.35 U.S., which is converted to Canadian dollars at the noon rate of exchange of \$1.3968 provided by the Bank of Canada for February 10, 2016.

### **Director qualification and selection process**

#### **Selection Process**

The nominations and corporate governance committee is responsible for identifying and recommending new candidates for board nomination. The committee identifies candidates from a number of sources, including executive search firms and referrals from existing directors. The process for selection is described in paragraph 9(a) of the Board of Directors Charter attached as Appendix B. The committee will consider potential future candidates as required.

In considering the qualifications of potential nominees for election as directors, the nominations and corporate governance committee considers the work experience and other areas of expertise of the potential nominees. The following key criteria are considered to be relevant to the work of the board of directors and its committees:

#### **Work Experience**

- Experience in leadership of businesses or other large organizations (Leadership of large organizations)
- Operations/technical experience (Operations/technical)
- Project management experience (Project management)
- Experience in working in a global work environment (Global experience)
- Experience in development of business strategy (Strategy development)

#### **Other Expertise**

- Audit committee financial expert (also see the financial expert section in the audit committee chart on page 99)
- Expertise in financial matters (Financial expertise)
- Expertise in managing relations with government (Government relations)
- Experience in academia or in research (Academic/research)
- Expertise in information technology (Information technology)
- Expertise in executive compensation policies and practices (Executive compensation)

With the objective of fostering a diversity of expertise, viewpoint and competencies, the nominations and corporate governance committee may consider the following additional factors in assessing potential nominees:

possessing expertise in any of the following areas: law, science, marketing, administration, social/political environment or community and civic affairs;

individual competencies in business and other areas of endeavour in contributing to the collective experience of the directors; and

providing diversity of age, gender and regional association.

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The nominations and corporate governance committee assesses the work experience and other expertise each existing director possesses and whether each nominee is able to fill any gaps in such experience, expertise and diversity of age, gender and regional association. Consideration is also given to whether candidates possess the ability to contribute to the broad range of issues with which the board and its committees must deal, are able to devote the necessary amount of time to prepare for and attend board and committee meetings and are free of any potential legal impediment or conflict of interest. Candidates are expected to remain qualified to serve for a minimum of five years and independent directors are expected to achieve ownership of no less than 15,000 common shares, deferred share units and restricted share units within five years of becoming an independent director.

When the committee is recommending candidates for re-nomination, it assesses such candidates against the criteria for re-nomination as set out in paragraph 9(b) of the Board of Directors Charter found in Appendix B of this circular. Candidates for re-nomination are expected not to change their principal position, the thrust of their involvement or their regional association in a way that would significantly detract from their value as a director of the corporation. They are also expected to continue to be compatible with the criteria that led to their selection as nominees.

### **Diversity of our Board Nominees**

The company has a longstanding commitment to diversity amongst its directors. The company has had a woman on its board continuously for the last 39 years, and today, 40% of its independent directors are women (29% of the entire board). The following charts show the diversity of our board nominees with respect to age, gender and regional association.

### **Skills and Experience of our Board Nominees**

The current nominees for election as director collectively have experience and expertise required to ensure effective stewardship and governance of the company. The key areas of experience and skills along with individual involvement in the not-for-profit sector for each of the nominees for election as directors can also be found in each of the directors tables on pages 85 through 91 of this circular.

The table below sets out the particular experience, qualifications, attributes, and skills of each director nominee that led the Board to conclude that such person should serve as a director of the company.

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**Board Skills Matrix**

	K.T. Hoeg	R.M. Kruger	J.M. Mintz	D.S. Sutherland	S.D. Whittaker	D.G. Wascom	V.L. Young
Leadership of Large Organizations	ü	ü		ü	ü	ü	ü
Operations/ Technical		ü		ü		ü	
Project Management	ü	ü				ü	
Global Experience	ü	ü	ü	ü	ü	ü	
Strategy Development	ü	ü	ü	ü	ü	ü	ü
Audit Committee Financial Expert	ü			ü	ü		ü

Financial  
Expertise

ü

ü

ü

ü

ü

ü

ü

Government  
Relations

ü

ü

ü

ü

ü

Academic/  
Research

ü

Information  
Technology

ü

Executive  
Compensation

ü

ü

ü

ü

ü

ü

ü

## Director orientation, education, development, tenure and performance assessment

### Orientation, education and development

The corporate secretary organizes an orientation program for all new directors. In a series of meetings over several days, new directors are briefed by staff and functional managers on all significant areas of the company's operations, industry specific topics, risk oversight and regulatory issues. New directors are also briefed on significant company policies, organizational structure, security, information technology management and on critical planning and reserves processes. They also receive key governance and disclosure documents and a comprehensive board manual which contains a record of historical information about the company, by-laws, company policies, the charters of the board and its committees, other relevant company business information, information on directors' duties and additional board related activities and calendars.

Continuing education is provided to board and committee members through regular presentations by management which focus on providing more in-depth information about key aspect of the business. Each year the board has an extended meeting that focuses on a particular area of the company's operations and



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includes a visit to one or more of the company's operating sites or a site of relevance to the company's operations. In September, 2015, the board visited the Syncrude site in Fort McMurray, Alberta for an operations tour. The board and the committees received a number of presentations in 2015 focused on performance, strategy and opportunities for the business. Some of these continuing education events included a safety and environmental performance review, upstream and downstream performance and improvement plans, a review of risk management systems and processes, a presentation on an organizational efficiency initiative, an assessment of owned retail sites and market competitiveness, a review of corporate governance and regulatory issues, a review of liquefied natural gas opportunities, a review of the lubricants business, a review of research initiatives, several market access updates, a review of the pension plan and associated legislation and a presentation on procurement strategies.

Members of ExxonMobil's management also provide reviews of various aspects of ExxonMobil's global business. In 2015, the directors received presentations on the global supply, demand and transportation of crude, ExxonMobil's global business overview and ExxonMobil's audit program and processes.

Members of the board also receive an extensive package of materials prior to each board meeting that provides a comprehensive summary on each agenda item to be discussed. Similarly, the committee members also receive a comprehensive summary on each agenda item to be discussed by that particular committee. Informational communications and other written publications or reports of interest to the directors are also forwarded routinely.

The board members are canvassed as to whether there are any additional topics relevant to the board or to a specific committee that they would like to see addressed and management schedules presentations covering these areas. In addition, at every meeting the board receives an extensive update from the chairman, president and chief executive officer on business environment trends, relevant geopolitical activities, federal government priorities, key provincial issues and competitor activities, as appropriate.

## **Tenure**

Collectively, the seven nominees for election as directors have 64 years of experience on this company's board. The board charter provides that incumbent directors will not be renominated if they have attained the age of 72, except under exceptional circumstances and at the request of the chairman. The company does not have term limits for independent directors because it values the comprehensive knowledge of the company that long serving directors possess and independent directors are expected to remain qualified to serve for a minimum of five years. The following chart shows the current years of service of the members of the board of directors and the year they would normally be expected to retire from the board.

Name of Director	Years of service on the board	Year of expected retirement from the board for independent directors
K.T. Hoeg	8 years	2022

R.M. Kruger

3 years

-

J.M. Mintz

11 years

2023

D.S. Sutherland

6 years

2022

D.G. Wascom

2 years

-

S.D. Whittaker

20 years

2019

V.L. Young

14 years

2018

**Years of experience on the board: 64**

**Average tenure: 9 years.**

### **Board performance assessment**

The board and its committees, as well as the performance of the directors, are assessed on an annual basis. In 2015, the directors engaged in a board performance assessment with the chairman, president and chief executive officer during which the directors evaluated the board's effectiveness in various areas. The chairman, president and chief executive officer also meets regularly with directors individually to discuss any outstanding issues. The nominations and corporate governance committee discussed a summary of these topics at its January 2016 meeting.

**Table of Contents****Independence of the directors**

The board is composed of seven directors, the majority of whom (five out of seven) are independent. The five independent directors are not employees of the company.

The Board determines independence on the basis of the standards specified by Multilateral Instrument 52-110 Audit Committees, the U.S. Securities and Exchange Commission rules and the listing standards of the NYSE MKT LLC, a subsidiary of NYSE Euronext and the New York Stock Exchange. The Board has reviewed relevant relationships between the company and each non-employee director and director nominee to determine compliance with these standards.

Based on the directors' response to an annual questionnaire, the board determined that none of the independent directors has any interest, business or other relationship that could or could reasonably be perceived to constitute a material relationship with the company. R.M. Kruger is a director and chairman, president and chief executive officer of the company and not considered to be independent. The board believes that the extensive knowledge of the business of the company and Exxon Mobil Corporation held by R.M. Kruger is beneficial to the other directors and his participation enhances the effectiveness of the board.

D.G. Wascom is also a non-independent director as he is an officer of Exxon Mobil Corporation. The company believes that D.G. Wascom, although deemed non-independent under the relevant standards by virtue of his employment, can be viewed as independent of the company's management and that his ability to reflect the perspective of the company's shareholders enhances the effectiveness of the board.

Name of director	Management	Independent	Not independent	Reason for non-independent status
------------------	------------	-------------	-----------------	-----------------------------------

K.T. Hoeg

ü

R.M. Kruger

ü

ü

R.M. Kruger is a director and chairman, president and chief executive officer of Imperial Oil Limited.

J.M. Mintz

ü

ü

D.S. Sutherland

S.D. Whittaker

 $\ddot{u}$ 

D.G. Wascom

 $\ddot{u}$ 

D.G. Wascom is an officer of Exxon Mobil Corporation.

V.L. Young

 $\ddot{u}$

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**Board and committee structure**

**Leadership structure**

The company has chosen to combine the positions of chairman, president and chief executive officer. The board believes the interests of all shareholders are best served at the present time through a leadership model with a combined chairman and chief executive officer position. The company does not have a lead director. While the chairman of the board is not an independent director, S.D. Whittaker, chair of the executive sessions, provides leadership for the independent directors. The duties of the chair of the executive sessions include presiding at executive sessions of the board, and reviewing and modifying, if necessary, the agenda of the meetings of the board in advance to ensure that the board may successfully carry out its duties. The position description of the chair of the executive sessions is described in paragraph 8(3) of the Board of Directors Charter attached as Appendix B.

**Independent director executive sessions**

The executive sessions of the board are meetings of the independent directors and are held in conjunction with every board meeting. These meetings are held in the absence of management. The independent directors held seven executive sessions in 2015. The purposes of the executive sessions of the board include the following:

- raising substantive issues that are more appropriately discussed in the absence of management;
- discussing the need to communicate to the chairman of the board any matter of concern raised by any committee or director;
- addressing issues raised but not resolved at meetings of the board and assessing any follow-up needs with the chairman of the board;
- discussing the quality, quantity, and timeliness of the flow of information from management that is necessary for the independent directors to effectively and responsibly perform their duties, and advising the chairman of the board of any changes required; and
- seeking feedback about board processes.

**In camera sessions of the board committees**

Various committees also regularly hold in camera sessions without management present. The audit committee regularly holds private sessions of the committee members as well as private meetings of the committee with each of the external auditor, the internal auditor and senior management as part of every regularly scheduled committee meeting.

**Committee structure**

The board has created five committees to help carry out its duties. Each committee is chaired by a different independent director and all of the five independent directors are members of each committee. D.G. Wascom is also a member of each committee, with the exception of the audit committee, which is composed entirely of independent directors. R.M. Kruger is also a member of the contributions committee. Board committees work on key issues in greater detail than would be possible at full board meetings allowing directors to more effectively discharge their stewardship responsibilities. The five independent chairs of the five committees are able to take a leadership role in executing the board's responsibility with respect to a specific area of the company's operations falling within the responsibility of the committee he or she chairs. The board and each committee have a written charter that can be found in Appendix B of this circular. The charters are reviewed and approved by the board annually. The charters set out the structure, position description for the chair and the process and responsibilities of that committee. The five committees of the board are:

audit committee,  
executive resources committee,  
environment, health and safety committee,  
nominations and corporate governance committee, and  
contributions committee.

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The following tables provide additional information about the board and its five committees:

**Board of Directors**

<b>Directors</b>	<p>R.M. Kruger (chair)</p> <p>K.T. Hoeg</p> <p>J.M. Mintz</p> <p>D.S. Sutherland</p> <p>D.G. Wascom</p> <p>S.D. Whittaker</p> <p>V.L. Young</p>
<b>Number of meetings in 2015</b>	<p>Seven meetings of the board of directors were held in 2015. There were no special meetings held this year. The independent directors hold executive sessions of the board in conjunction with every board meeting. These meetings are held in the absence of management. The independent directors held seven executive sessions in 2015.</p>
<b>Mandate</b>	<p>The board of directors is responsible for the stewardship of the corporation. The stewardship process is carried out by the board directly or through one or more of the committees of the board. The formal mandate of the board can be found within the Board of Directors Charter in Appendix B of this circular.</p>
<b>Highlights of 2015</b>	<p>Provided oversight in support of safety and environmental performance.</p> <p>Regularly discussed risk management and business controls environment.</p>

Extensively discussed business trends and market factors relevant to the company.

Regularly assessed performance of the Kearl oil sands development project.

Discussed priorities and plans associated with market access strategy.

Reviewed strategies and plans associated with in-situ growth projects.

Conducted site visit to Syncrude to review operational improvement plans.

Reviewed extensive organizational efficiency and productivity initiatives.

**Role in Risk  
Oversight**

The chairman, president and chief executive officer is charged with identifying, for review with the board of directors, the principal risks of the corporation's business, and ensuring appropriate systems are in place to manage such risks. The company's financial, execution and operational risk rests with management and the company is governed by well-established risk management systems. The board of directors carefully considers these risks in evaluating the company's strategic plans and specific proposals for capital expenditures and budget additions.

**Disclosure  
Policy**

The company is committed to full, true and plain public disclosure of all material information in a timely manner, in order to keep security holders and the investing public informed about the company's operations. The full details of the corporate disclosure policy can be found on the company's internet site at **[www.imperialoil.ca](http://www.imperialoil.ca)**.

**Independence**

The current board of directors is composed of seven directors, the majority of whom (five out of seven) are independent. The five independent directors are not employees of the company.



**Table of Contents****Audit Committee**

**Committee** V.L. Young (chair)

**Members** S.D. Whittaker (vice-chair)

K.T. Hoeg

J.M. Mintz

D.S. Sutherland

**Number of meetings in 2015** Five meetings of the audit committee were held in 2015. The committee members met in camera without management present at every regularly scheduled meeting and also separately with the internal auditor and the external auditor at all regularly scheduled meetings.

**Mandate** The role of the audit committee includes selecting and overseeing the independent auditor, reviewing the scope and results of the audit conducted by the independent auditor, assisting the board in overseeing the integrity of the company's financial statements, the company's compliance with legal and regulatory requirements and the quality and effectiveness of internal controls, reviewing the adequacy of the company's insurance program, approving any changes in accounting principles and practices, and reviewing the results of monitoring activity under the company's business ethics compliance program. The formal mandate of the audit committee can be found within the Audit Committee Charter in Appendix B of this circular.

**Highlights of 2015** Reviewed the interim and full year financial and operating results.

Reviewed and assessed the results of the internal auditor's audit program.

Reviewed and assessed the external auditor plan, performance and fees.

Reviewed the committee's mandate and completed the committee self-assessment.

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Reviewed evolving regulations and reporting obligations.

Reviewed future initiatives to reduce operating and capital expenditures.

Implemented external auditor performance evaluation.

Auditor independence maintained with rotation of external auditor managing partner for the coming year.

Analysis of competitor downstream earnings, operations, sales and marketing and capital efficiencies.

### **Financial**

### **Expert**

The company's board of directors has determined that K.T. Hoeg, D.S. Sutherland, S.D. Whittaker and V.L. Young meet the definition of audit committee financial expert. The U.S. Securities and Exchange Commission has indicated that the designation of an audit committee financial expert does not make that person an expert for any purpose, or impose any duties, obligations or liability on that person that are greater than those imposed on members of the audit committee and board of directors in the absence of such designation or identification. All members of the audit committee are financially literate within the meaning of Multilateral Instrument 52-110 Audit Committees and the listing standards of the NYSE MKT LLC.

### **Role in Risk**

### **Oversight**

The audit committee also has an important role in risk oversight. It regularly receives updates from management on the company's risk management systems. The audit committee reviewed the scope of PricewaterhouseCoopers' audit in light of risks associated with the energy industry, the regulatory environment and company-specific financial audit risks. The committee reviews financial statements and results of internal and external audit results. It oversees risks associated with financial and accounting matters, including compliance with legal and regulatory requirements, and the company's financial reporting and internal controls systems.

### **Independence**

The audit committee is composed entirely of independent directors. All members met board approved independence standards, as that term is defined in Multilateral Instrument 52-110 Audit Committees, the U.S. Securities and Exchange Commission rules and the listing standards of the NYSE MKT LLC, a subsidiary of NYSE Euronext and the New York Stock Exchange.



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**Executive Resources Committee**

**Committee** K.T. Hoeg (chair)

**Members** V.L. Young (vice-chair)

J.M. Mintz

D.S. Sutherland

D.G. Wascom

S.D. Whittaker

None of the members of the executive resources committee currently serves as a chief executive officer of another company.

**Number of**

**meetings in**

**2015**

Seven meetings of the executive resources committee were held in 2015.

**Mandate**

The executive resources committee is responsible for corporate policy on compensation and for specific decisions on the compensation of the chief executive officer and key senior executives and officers reporting directly to that position. In addition to compensation matters, the committee is also responsible for succession plans and appointments to senior executive and officer positions, including the chief executive officer. The formal mandate of the executive resources committee can be found within the Executive Resources Committee Charter in Appendix B of this circular.

**Highlights of**

**2015**

Appointment of senior vice president, finance & administration and controller.

Appointment of general auditor.

Appointment of four officer positions.

Reviewed organizational strategy and continued focus on succession planning for senior management positions.

Reviewed executive compensation program and principles.

<p><b>Committee members relevant skills and experience</b></p>	<p>Ms. Hoeg, Ms. Whittaker, Mr. Wascom, Mr. Sutherland and Mr. Young had extensive and lengthy experience in managing and implementing their respective companies' compensation policies and practices in their past role as chief executive officers or members of senior management. Ms. Hoeg, Mr. Mintz, Mr. Sutherland and Ms. Whittaker sit or have sat on compensation committees of one or more public companies. Accordingly, committee members are able to use this experience and knowledge derived from their roles with other companies in judging the suitability of the company's compensation policies and practices.</p>
<p><b>Role in Risk Oversight</b></p>	<p>The executive resources committee oversees the compensation programs and practices that are designed to encourage appropriate risk assessment and risk management.</p>
<p><b>Independence</b></p>	<p>The members of the executive resources committee are independent, with the exception of D.G. Wascom, who is not considered to be independent under the rules of the U.S. Securities and Exchange Commission, Canadian securities rules and the rules of the Toronto Stock Exchange and the NYSE MKT due to his employment with Exxon Mobil Corporation. However, the Canadian Coalition for Good Governance's policy, "Governance Differences of Equity Controlled Corporations" (October, 2011), would view Mr. Wascom as a related director and independent of management and who may participate as a member of the company's executive resources committee. Mr. Wascom's participation helps to ensure an objective process for determining compensation of the company's officers and directors and assists the deliberations of this committee by bringing the views and perspectives of the majority shareholder.</p>

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**Environment, Health and Safety Committee**

**Committee** J.M. Mintz (chair)

**Members** D.S. Sutherland (vice-chair)

K.T. Hoeg

D.G. Wascom

S.D. Whittaker

V.L. Young

**Number of meetings in 2015** Two meetings of the environment, health and safety committee were held in 2015.

**Mandate** The role of the environment, health and safety committee is to review and monitor the company's policies and practices in matters of the environment, health and safety and to monitor the company's compliance with legislative, regulatory and corporate standards in these areas. The committee monitors trends and reviews current and emerging public policy in this area. The formal mandate of the environment, health and safety committee can be found within the Environment, Health and Safety Committee Charter in Appendix B of this circular.

**Highlights in 2015**

- Personnel and process safety review.
- Emission and environmental incident review.
- Operations integrity management system review.
- Security incident review.

**Role in Risk** The environment, health and safety committee reviews and monitors the company's policies and practices in matters of environment, health and safety, which policies and practices are

**Oversight**

intended to mitigate and manage risk in these areas. The committee receives regular reports from management on these matters.

**Independence**

The members of the environment, health and safety committee are independent, with the exception of D.G. Wascom.

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**Nominations and Corporate Governance Committee**

**Committee** S.D. Whittaker (chair)

**Members** J.M. Mintz (vice-chair)

K.T. Hoeg

D.S. Sutherland

D.G. Wascom

V.L. Young

**Number of**

**meetings in**

**2015**

Four meetings of the nominations and corporate governance committee were held in 2015.

**Mandate**

The role of the nominations and corporate governance committee is to oversee issues of corporate governance as they apply to the company, including the overall performance of the board, review potential nominees for directorship and review the charters of the board and any of its committees. The formal mandate of the nominations and corporate governance committee can be found within the Nominations and Corporate Governance Committee Charter in Appendix B of this circular.

**Highlights in**

**2015**

Corporate governance update.

Reviewed non-employee director compensation.

Approved statement of corporate governance practices.

Review of board and committee self-assessment.

Board and committee charter revisions.



<b>Role in Risk Oversight</b>	The nominations and corporate governance committee oversees risk by implementing an effective program for corporate governance, including board composition and succession planning.
<b>Independence</b>	The members of the nominations and corporate governance committee are independent, with the exception of D.G. Wascom, who is not considered to be independent under the rules of the U.S. Securities and Exchange Commission, Canadian securities rules and the rules of the Toronto Stock Exchange and the NYSE MKT due to his employment with Exxon Mobil Corporation. However, the Canadian Coalition for Good Governance's policy, Governance Differences of Equity Controlled Corporations – October, 2011, would view Mr. Wascom as a related director and independent of management and who may participate as a member of the company's nominations and corporate governance committee. Mr. Wascom's participation helps to ensure an objective nominations process and assists the deliberations of this committee by bringing the views and perspectives of the majority shareholder.

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**Contributions Committee**

**Committee** · D.S. Sutherland (chair)

**Members** · K.T. Hoeg (vice-chair)

· R.M. Kruger

· J.M. Mintz

· D.G. Wascom

· S.D. Whittaker

· V.L. Young

**Number of**

**meetings in**

Two meetings of the contributions committee were held in 2015.

**2015**

**Mandate**

The role of the contributions committee is to oversee all of the company's community investment activities, including charitable donations which are presently made through the Imperial Oil Foundation. The formal mandate of the contributions committee can be found within the Contributions Committee Charter in Appendix B of this circular.

**Highlights in**

**2015**

· Second year assessment under London Benchmarking Standards (LBG) for community investment showing further improvement in program management costs, and creation of overall value to the community of \$20.3M.

· Successful transition of STEM education to greater focus on trades and technologies including the execution of major grants to Women Building Futures, NAIT (Northern Alberta Institute of Technology and SAIT (Southern Alberta Institute of Technology).

· Continued focus on operations with specific investments in communities.

· Strong support for the United Way with total giving by Imperial and employees of more than \$4.8M.

**Independence**

The majority of the members of the contributions committee are independent (five out of seven) with the exception of R.M. Kruger and D.G. Wascom.

**Table of Contents****Committee memberships of the directors**

The chart below shows the company's committee memberships and the chair of each committee.

Director	Board committees				
	Nominations and corporate governance committee	Audit committee (b)	Environment health and safety committee	Executive resources committee	Contributions committee
K.T. Hoeg (c)	ü	ü	ü	Chair	ü
R.M. Kruger (a)	-	-	-	-	ü
J.M. Mintz	ü	ü	Chair	ü	ü
D.S. Sutherland (c)	ü	ü	ü	ü	Chair
S.D. Whittaker (c)	Chair	ü	ü	ü	ü
D.G. Wascom (a)	ü	-	ü	ü	ü

- Number of meetings and director attendance in 2015**

### Number of meetings

Board or committee	Number of meetings held in 2015
Imperial Oil Limited board	7
Audit committee	5
Executive resources committee	7
Environment, health and safety committee	2
Nominations and corporate governance committee	4
	2

Contributions committee

Annual meeting of shareholders

1

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**Table of Contents****Director attendance**

The following chart provides a summary of the attendance record of each of the directors in 2015. The attendance record of each director nominee is also set out in his or her biographical information on pages 85 through 91. The attendance chart also provides an overall view of the attendance per committee. Senior management directors and other members of management periodically attend committee meetings at the request of the committee chair.

Director	Board	Audit committee	Executive resources committee	Environment health and safety committee	Nominations and corporate governance committee	Contributions committee	Annual meeting	Total	Percentage by director
T. Hoeg	7 of 7	5 of 5	7 of 7 (chair)	2 of 2	4 of 4	2 of 2	1 of 1	<b>28 of 28</b>	<b>100%</b>
M. Kruger	7 of 7 (chair)	-	-	-	-	2 of 2	1 of 1	<b>10 of 10</b>	<b>100%</b>
M. Mintz	7 of 7	5 of 5	7 of 7	2 of 2 (chair)	4 of 4	2 of 2	1 of 1	<b>28 of 28</b>	<b>100%</b>
S. Sutherland	7 of 7	5 of 5	7 of 7	2 of 2	4 of 4	2 of 2 (chair)	1 of 1	<b>28 of 28</b>	<b>100%</b>
G. Wascom	7 of 7	-	7 of 7	2 of 2	4 of 4	2 of 2	1 of 1	<b>23 of 23</b>	<b>100%</b>
D. Whittaker	7 of 7	5 of 5	7 of 7	2 of 2	4 of 4 (chair)	2 of 2	1 of 1	<b>28 of 28</b>	<b>100%</b>
	7 of 7	5 of 5	7 of 7	2 of 2	4 of 4	2 of 2	1 of 1	<b>28 of 28</b>	<b>100%</b>

L. Young (chair)

percentage by committee	100%	100%	100%	100%	100%	100%	100%	173/173	Overall attendance percentage 100%
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**Table of Contents****Share ownership guidelines of independent directors and chairman, president and chief executive officer**

Independent directors are required to hold the equivalent of at least 15,000 shares of Imperial Oil Limited, including common shares, deferred share units and restricted stock units. Independent directors are expected to reach this level within five years from the date of appointment to the board. The chairman, president and chief executive officer has separate share ownership requirements and must, within three years of his appointment, acquire shares of the company, including common shares and restricted stock units, of a value of no less than five times his base salary. The board of directors believes that these share ownership guidelines will result in an alignment of the interests of board members with the interests of all other shareholders.

	<b>Minimum share ownership requirement</b>	<b>Time to fulfill</b>
Chairman, president and chief executive officer	5 x base salary	Within 3 years of appointment
Independent directors	15,000 shares	Within 5 years of initial appointment

The chart below shows the shareholdings of the independent directors and the chairman, president and chief executive officer of the company as of February 10, 2016, the record date of the management proxy circular.

<b>Director</b>	<b>Director since</b>	<b>Amount acquired since last report (February 11, 2015 to February 10, 2016)</b> (#)	<b>Total holdings (includes common shares, deferred share units and restricted stock units)</b> (#)	<b>Total at-risk value of total holdings</b> (a) (\$)	<b>Minimum shareholding requirement</b>	<b>Minimum requirement met or date required to achieve minimum requirement</b>
K.T. Hoeg	May 1, 2008	3,283	34,219	1,415,982	15,000	Yes

R.M. Kruger	March 1, 2013	100,700	283,500	11,731,230	Five times base salary	Yes
J.M. Mintz	April 21, 2005	3,237	31,222	1,291,966	15,000	Yes
D.S. Sutherland	April 29, 2010	4,208	71,724	2,967,939	15,000	Yes
S.D. Whittaker	April 19, 1996	3,550	66,510	2,752,184	15,000	Yes
V.L. Young	April 23, 2002	890	44,542	1,843,148	15,000	Yes
<b>Total accumulated holdings (#) and value of directors' holdings (\$)</b>			531,717	22,002,449		

- (a) The amount shown in the column "Total at-risk value of total holdings" is equal to the "Total holdings" multiplied by the closing price of the company's shares on February 10, 2016 (\$41.38).

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**Year Over Year Increase in Independent Directors   At Risk Shareholdings**

- (a) At-risk holdings include common shares, deferred share units and restricted stock units.

**Table of Contents****Other public company directorships**

The following table shows which directors and director nominees serve on the boards of other reporting issuers and the committee membership in those companies.

<b>Name of director or nominee</b>	<b>Other reporting issuers of which director is also a director</b>	<b>Type of company</b>	<b>Stock Symbol: Exchange</b>	<b>Committee appointments</b>
K.T. Hoeg	Sun Life Financial Inc.	Financial services - Insurance	SLF: TSX, NYSE, Other	Management resources committee (Chair) Risk review committee
	New Flyer Industries Inc.	Manufacturer of heavy duty transit buses	NFI:TSX	Human resources, compensation and corporate governance committee
R.M. Kruger	--	--	--	--
J.M. Mintz	Morneau Shepell Inc.	Human resources consulting	MSI: TSX	Audit committee
D.S. Sutherland	GATX Corporation	Commercial rail vehicles and aircraft engines shipping	GMT: NYSE	Lead director
	United States Steel Corporation	Iron and steel	X: NYSE	Chairman of the board
S.D. Whittaker	--	--	--	--
D.G. Wascom	--	--	--	--
V.L. Young	Royal Bank of Canada			Human resources committee

Financial services -	RY: TSX,	
banks and trusts	NYSE,	Governance committee
	Other	

### **Interlocking directorships**

As of the date of this proxy circular, there are no interlocking public company directorships among the director nominees listed in this circular.

**Table of Contents****Director compensation****Director compensation discussion and analysis**

Nonemployee director compensation levels are reviewed by the nominations and corporate governance committee each year, and resulting recommendations are presented to the full board for approval.

Employees of the company or Exxon Mobil Corporation receive no extra pay for serving as directors. Nonemployee directors receive compensation consisting of cash and restricted stock units. Since 1999, the nonemployee directors have been able to receive all or part of their cash directors' fees in the form of deferred share units. The purpose of the deferred share unit plan for nonemployee directors is to provide them with additional motivation to promote sustained improvement in the company's business performance and shareholder value by allowing them to have all or part of their directors' fees tied to the future growth in value of the company's common shares. The deferred share unit plan is described in more detail on page 110.

**Compensation decision making process and considerations**

The nominations and corporate governance committee relies on market comparisons with a group of 22 major Canadian companies with national and international scope and complexity. The company draws its nonemployee directors from a wide variety of industrial sectors and, as such, a broad sample is appropriate for this purpose. The nominations and corporate governance committee does not target any specific percentile among comparator companies at which to align compensation for this group. The 22 comparator companies included in the benchmark sample are as follows:

<b>Comparator companies for nonemployee directors</b>		
Bank of Montreal	Cenovus Energy Inc.	Royal Bank of Canada
Bank of Nova Scotia	EnCana Corporation	Sun Life Financial Inc.
BCE Inc.	Husky Energy Inc.	Suncor Energy Inc.
Bombardier Inc.	Manulife Financial Corporation	TELUS Inc.
Canadian Imperial Bank of Commerce	Potash Corporation	Thomson Reuters Corporation
Canadian National Railway Company	Power Financial Corporation	The Toronto-Dominion Bank
Canadian Natural Resources Limited	Repsol (formerly Talisman Energy Inc)	TransCanada Corporation
Canadian Pacific Railway Limited		

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The nominations and corporate governance committee decided not to use an external research firm to assemble the comparator data to determine compensation for the July 1, 2015 - June 30, 2016 period. The committee relied instead on an internally-led assessment to provide competitive compensation and market data for directors' compensation, which assisted the committee in making a compensation recommendation for the company's directors. The internal assessment maintained the compensation design philosophy, objectives and principles and was consistent with previous methodology used in this analysis.

**Hedging policy**

Company policy prohibits all employees, including executives, and directors, from purchasing or selling puts, calls, other options or futures contracts on the company or Exxon Mobil Corporation stock.

**Director compensation details and tables****Compensation Details*****Annual retainer***

The annual retainer for board memberships was \$110,000 per year. The nonemployee directors were also paid \$20,000 for membership on all board committees. Additionally, each board committee chair received a retainer of \$10,000 for each committee chaired. Nonemployee directors were not paid a fee for attending board and committee meetings for each of the seven regularly-scheduled meetings. However, they were eligible to receive a fee of \$2,000 per board or committee meeting occurring on any other day. In 2015, there were no other meetings that occurred outside of the seven regularly-scheduled meeting days.

***Deferred share units***

In 1999, an additional form of long-term incentive compensation ( deferred share units ) was made available to nonemployee directors. Nonemployee directors may elect to receive all or a portion of their annual retainer for board membership, annual retainer for committee membership and annual retainer for committee chair, in the form of deferred share units.

The following table shows the portion of the annual retainer for board membership, annual retainer for committee membership and annual retainer for committee chair which each nonemployee director elected to receive in cash and deferred share units in 2015.

Director	Election for 2015 director	Election for 2015 director fees in
	fees in cash	deferred share units
	(%)	(%)

K.T. Hoeg	0	100
J.M. Mintz	0	100
D.S. Sutherland	0	100
S.D. Whittaker	0	100
V.L. Young	75	25

The number of deferred share units granted to a nonemployee director is determined at the end of each calendar quarter for that year by dividing (i) the dollar amount of the nonemployee director's fees for that calendar quarter that the director elected to receive as deferred share units by (ii) the average of the closing price of the company's shares on the Toronto Stock Exchange for the five consecutive trading days (average closing price) immediately prior to the last day of that calendar quarter. Those deferred share units are granted effective the last day of that calendar quarter.

A nonemployee director is granted additional deferred share units in respect of the unexercised deferred share units on the dividend payment dates for the common shares of the company. The number of such additional deferred share units is determined for each cash dividend payment date by (i) dividing the cash dividend payable for a common share of the company by the average closing price immediately prior to the payment date for that dividend and then (ii) multiplying that resultant number by the number of unexercised deferred share units held by the nonemployee directors on the record date for the determination of shareholders entitled to receive payment of such cash dividend.

A nonemployee director may only exercise these deferred share units by the end of the calendar year following the year of termination of service as a director of the company, including termination of service due to death. No deferred share units granted to a nonemployee director may be exercised unless all of the deferred share units are exercised on the same date.



**Table of Contents*****Restricted stock units***

In addition to the cash fees described above, the company pays a significant portion of director compensation in restricted stock units to align director compensation with the long-term interests of shareholders. Restricted stock units are awarded annually with 50 percent vesting in cash three years from the date of grant and the remaining 50 percent vesting on the seventh anniversary of the grant date. Directors can elect to receive one common share for each unit or a cash payment for the units to be exercised on the seventh anniversary of the date of grant of the restricted stock units. The vesting periods are not accelerated upon separation or retirement from the board, except in the event of death. The restricted stock unit plan is described in more detail on page 125. In 2015, each nonemployee director received a grant of 2,000 restricted stock units.

In contrast to the forfeiture provisions for restricted stock units held by employees of the company, the restricted stock units awarded to nonemployee directors are not subject to risk of forfeiture at the time a director leaves the company's board. This provision is designed to reinforce the independence of these board members. However, while on the board and for a 24-month period after leaving the company's board, restricted stock units may be forfeited if the nonemployee director engages in direct competition with the company or otherwise engages in any activity detrimental to the company. The board agreed that the word "detrimental" shall not include any actions taken by a nonemployee director or former nonemployee director who acted in good faith and in the best interest of the company.

***Other reimbursement***

Nonemployee directors are also reimbursed for travel and other expenses incurred for attendance at board and committee meetings.

***Components of director compensation***

The following table sets out the details of compensation paid to the nonemployee directors for 2015.

Annual retainer for board membership	Annual retainer for committee membership	Annual retainer for committee chair	Restricted stock units  (RSU)  (#)	Fee for board and committee meetings not regularly scheduled		Total fees paid in cash  (\$)  (a)	Total value of deferred share units  (DSU)  (\$)  (b)	Total value of restricted stock units  (RSU)  (\$)  (c)	All other compen- sation  (\$)  (d)
				Number of non- regularly scheduled meetings attended	Fee (\$2,000 x number of non- regularly scheduled meetings attended)				
110,000	20,000	10,000	2,000	0	0	0	140,000	83,900	17,125

(ERC)

110,000	20,000	10,000	2,000	0	0	0	140,000	83,900	15,827
(EH&S)									

110,000	20,000	10,000	2,000	0	0	0	140,000	83,900	12,584
(CC)									

110,000	20,000	10,000	2,000	0	0	0	140,000	83,900	29,550
(N&CG)									

110,000	20,000	10,000	2,000	0	0	105,000	35,000	83,900	11,498
(AC)									

- (a) Total fees paid in cash is the portion of the Annual retainer for board membership , Annual retainer for committee membership and Annual retainer for committee chair which the director elected to receive as cash, plus the Fee for board and committee meetings not regularly scheduled . This amount is reported as Fees earned in the Director compensation table on page 112.
- (b) Total value of deferred share units is the portion of the Annual retainer for board membership , Annual retainer for committee membership , and Annual retainer for committee chair , which the director elected to receive as deferred share units, as set out in the previous table on page 110. This amount plus the Total value of restricted stock units amount is shown as Share-based awards in the Director compensation table on page 112.
- (c) The values of the restricted stock units shown are the number of units multiplied by the closing price of the company s shares on the date of grant, which was \$41.95.
- (d) Amounts under All other compensation consist of dividend equivalent payments on unexercised restricted stock units, the value of additional deferred share units granted in lieu of dividends on unexercised deferred share units and security provided for certain directors. In 2015, K.T. Hoeg received \$5,170 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$11,955 in lieu of dividends on deferred share units. J.M. Mintz received \$5,300 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$9,813 in lieu of dividends on deferred share units. D.S. Sutherland received \$4,110 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$8,474 in lieu of dividends on deferred share units. S.D. Whittaker received \$5,300 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$24,250 in lieu of dividends on deferred share units. V.L. Young received \$5,300 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$6,198 in lieu of dividends on deferred share units.

**Table of Contents****Compensation tables**

The following table summarizes the compensation paid, payable, awarded or granted for 2015 to each of the nonemployee directors of the company.

<b>Name</b> <b>(a)</b>	<b>Fees earned</b> <b>(\$)(c)</b>	<b>Share- based awards</b> <b>(\$)(d)</b>	<b>Option- based awards</b> <b>(\$)</b>	<b>Non-equity incentive plan compensation</b> <b>(\$)</b>	<b>Pension value</b> <b>(#)</b>	<b>All other compensation</b> <b>(\$)(e)</b>	<b>Total</b> <b>(\$)</b>
K.T. Hoeg (b)	0	223,900	-	-	-	17,125	241,025
J.M. Mintz (b)	0	223,900	-	-	-	15,827	239,727
D.S. Sutherland (b)	0	223,900	-	-	-	12,584	236,484
S.D. Whittaker (b)	0	223,900	-	-	-	29,550	253,450
V.L. Young (b)	105,000	118,900	-	-	-	11,498	235,398

- (a) As directors employed by the company or Exxon Mobil Corporation in 2015, R.M. Kruger and D.G. Wascom did not receive compensation for acting as directors.
- (b) Starting in 1999, the nonemployee directors have been able to receive all or part of their directors' fees in the form of deferred share units.
- (c) Represents all fees awarded, earned, paid or payable in cash for services as a director, including retainer fees, committee, chair and meeting fees.
- (d) The values of the restricted stock units shown are the number of units multiplied by the closing price of the company's shares on the date of grant. The dollar value of deferred share units shown is the value of the portion of the Annual retainer for board membership, Annual retainer for committee membership and Annual retainer for

committee chair which the director elected to receive as deferred share units as noted on page 110.

- (e) Amounts under All other compensation consist of dividend equivalent payments on unexercised restricted stock units, the value of additional deferred share units granted in lieu of dividends on unexercised deferred share units and security provided for certain directors. In 2015, K.T. Hoeg received \$5,170 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$11,955 in lieu of dividends on deferred share units. J.M. Mintz received \$5,300 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$9,813 in lieu of dividends on deferred share units. D.S. Sutherland received \$4,110 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$8,474 in lieu of dividends on deferred share units. S.D. Whittaker received \$5,300 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$24,250 in lieu of dividends on deferred share units. V.L. Young received \$5,300 in dividend equivalent payments on restricted stock units and additional deferred share units valued at \$6,198 in lieu of dividends on deferred share units.

Total compensation paid to non-employee directors	
Year	Amount
2011	\$ 1,149,625
2012	\$1,176,166
2013	\$1,245,529
2014	\$1,326,687
2015	\$1,206,084



**Table of Contents****Outstanding share-based awards and option-based awards for directors**

The following table sets forth all outstanding awards held by nonemployee directors of the company as at December 31, 2015 and does not include common shares owned by the director.

Name (a)	Option-based awards				Share-based awards	
	Number of securities underlying unexercised options (#)	Option exercise price (\$)	Option expiration date	Value of unexercised in-the-money options (\$)	Number of shares or units of shares that have not vested (#) (b)	Market or payout value of share-based awards that have not vested (\$ (c)
K.T. Hoeg	-	-	-	-	34,219	1,542,593
J.M. Mintz	-	-	-	-	30,222	1,362,408
D.S. Sutherland	-	-	-	-	26,724	1,204,718
S.D. Whittaker	-	-	-	-	57,160	2,576,773
V.L. Young	-	-	-	-	22,042	993,653

(a) As directors employed by the company or Exxon Mobil Corporation in 2015, R.M. Kruger and D.G. Wascom did not receive compensation for acting as directors.

(b) Represents restricted stock units and deferred share units held as of December 31, 2015.

(c) Value is based on the closing price of the company's shares on December 31, 2015, which was \$45.08.

**Incentive plan awards for directors Value vested or earned during the year**

The following table sets forth the value of the awards that vested or were earned by each nonemployee director of the company in 2015.

Name	Option-based awards Value vested during the year	Share-based awards Value vested during the year	Non-equity incentive plan compensation Value earned during the year
(a)	the year	year	earned during the year
(\$)	(\$)	(d)	(\$)
K.T. Hoeg (b)	-	85,680	-
J.M. Mintz (b)	-	85,680	-
D.S. Sutherland (c)	-	42,840	-
S.D. Whittaker (b)	-	85,680	-
V.L. Young (b)	-	85,680	-

(a) As directors employed by the company or Exxon Mobil Corporation in 2015, R.M. Kruger and D.G. Wascom did not receive compensation for acting as directors.

- (b) Represents restricted stock units granted in 2008 and 2012, which vested in 2015.
- (c) Represents restricted stock units granted in 2012 and vested in 2015.
- (d) Value is based on the average of the weighted average price (as determined by the Toronto Stock Exchange) of common shares of the company on the exercise date and the four consecutive trading days immediately prior to the exercise date.



**Table of Contents****IV. Company executives and executive compensation****Named executive officers of the company**

The named executive officers of the company at the end of 2015 were:

<b>Name</b>	<b>Age (as of February 10, 2016)</b>	<b>Position held at end of 2015 (date office held)</b>	<b>Other Positions in the Past Five Years (position, date office held and status of employer)</b>
<b>Richard M. Kruger</b>	56	Chairman, president and chief executive officer  (2013 Present)	Vice-president, Exxon Mobil Corporation and President, ExxonMobil Production Company  (2008 2013)
<b>Calgary, Alberta,  Canada</b>			(Affiliate)
<b>Beverley A. Babcock</b>	54	Senior vice-president, finance and administration, and controller  (September 2015 Present)	Vice-president, corporate financial services, Exxon Mobil Corporation  (2013 2015)
<b>Calgary, Alberta,  Canada</b>			(Affiliate)
			Assistant controller, corporate accounting services, Exxon Mobil Corporation  (2011 2013)
			(Affiliate)
<b>Bart P. Cahir</b>	43	Senior vice-president, upstream  (January 2015 Present)	Production manager and Lead country manager, ExxonMobil Qatar Inc.  (2011 2014)
<b>Calgary, Alberta,</b>			(Affiliate)

**Canada**

<b>William J. Hartnett</b>	66	Vice-president and general counsel (2014 Present)	Assistant general counsel (1992 2013)
<b>Calgary, Alberta, Canada</b>			
<b>Bradley G. Merkel</b>	53	Vice-president, fuels, lubricants and specialties marketing (2013 Present)	Vice-president and general manager, fuels marketing (2011 2013)
<b>Calgary, Alberta, Canada</b>			

**Table of Contents****Other executive officers of the company**

<b>Name</b>	<b>Age (as of February 10, 2016)</b>	<b>Position held at end of 2015 (date office held)</b>	<b>Other Positions in the Past Five Years (position, date office held and status of employer)</b>
<b>Tim J. Adams</b>  <b>Calgary, Alberta,  Canada</b>	55	Manager, supply and manufacturing  (2015 Present)	Supply manager  (2012 2015)
<b>David G. Bailey</b>  <b>Calgary, Alberta,  Canada</b>	46	Treasurer  (2013 Present)	Manager, Dallas treasury centre  Exxon Mobil Corporation  (2010 2013)  (Affiliate)
<b>Rick J. Gallant</b>  <b>Calgary, Alberta,  Canada</b>	54	Vice-president, oil sands development and research  (2013 December 31, 2015)  Vice-president, upstream engineering  (January 1, 2016 Present)	General manager, production projects  ExxonMobil Production Corporation  (2010 2013)  (Affiliate)
<b>Randy D. Gillis</b>  <b>Calgary, Alberta,  Canada</b>	58	Assistant controller  (2012 Present)	Manager, operations accounting  (2006 2012)

<b>Denise H. Hughes</b>	48	Vice-president, human resources	Manager, executive development, education compensation and benefits
<b>Calgary, Alberta,</b>		(2013 Present)	(2010 2013)
<b>Canada</b>			

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<b>Name</b>	<b>Age (as of February 10, 2016)</b>	<b>Position held at end of 2015 (date office held)</b>	<b>Other Positions in the Past Five Years (position, date office held and status of employer)</b>
<b>Marvin E. Lamb</b>  <b>Calgary, Alberta,</b>  <b>Canada</b>	60	Director, corporate tax  (2001 Present)	No other positions held in the last five years
<b>Lara H. Pella</b>  <b>Calgary, Alberta,</b>  <b>Canada</b>	46	Assistant general counsel and corporate secretary  (2013 Present)	Assistant general counsel  (2010 2013)

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### **Letter to Shareholders from the executive resources committee on executive compensation**

Dear Fellow Shareholders:

The executive resources committee ( committee ) would like to outline for you the role of the committee in ensuring good governance in the management of executive compensation within the company.

#### **Compensation governance**

The committee is responsible for corporate policy on compensation and for specific decisions on the compensation of the chief executive officer, key senior executives and officers of the company. In exercising this responsibility, the committee views long-term orientation and the management of risk as integral elements of the compensation policies and practices of the company. These policies and practices are designed to keep management, including named executive officers, focused on the strategic objectives of the company over the long term and to effectively assess and mitigate risk in the execution of these objectives. The committee exercises oversight of a compensation program that supports the company's objective to attract, develop and retain key talent needed to achieve its strategic objectives.

The compensation discussion and analysis ( CD&A ) section that follows describes the compensation program for the company's named executive officers and how the program supports the business goals of the company. The company's compensation program is designed to:

- align the interests of its executives with long-term shareholder interests;
- encourage executives to manage risk and take a long-term view when making investments and managing the assets of the business;
- reinforce the company's philosophy that the experience, skill and motivation of the company's executives are significant determinants of future business success; and
- promote career orientation and strong individual performance.

The compensation program design is aligned with the core elements of the majority shareholder's compensation program, including linkage to short and mid-term aspects of incentive pay, long-term vesting periods, risk of forfeiture and alignment with the shareholder experience.

We execute our oversight responsibilities in this regard by ensuring the company's program is built on sound principles of compensation design, including an annual assessment with comparator companies, appropriate risk assessment and risk management practices, sound governance principles, and linkage to the company's business model. In exercising our oversight and decision making roles, the committee balances many factors each year in terms of impact on compensation decisions relative to the company's performance.

#### **2015 Business Performance Results**

In addition to individual performance, the committee also considers business results. In 2015 upstream financial performance was significantly affected by lower global crude prices. Notwithstanding the difficult upstream business environment, the committee evaluated the company's performance relative to its proven business model and strategies to deliver long-term shareholder value. Key 2015 business results include:

- best-ever safety and environmental performance;
- continued effective management of enterprise risk and operational integrity;
- 22 percent increase in liquids production reaching the highest level in more than two decades;
- early start-up of the expansion project and strong overall Kearn performance

completion of the Cold Lake Nabiye expansion project  
commissioning and start-up of the Edmonton rail terminal to support market access  
strong financial and operating performance across the downstream businesses;  
record high chemical earnings and progression of the gas cracker furnace project;  
technical qualification of SA-SAGD technology for industry's first potential application at Aspen;  
\$1.5 billion reduction in operating and capital costs;  
\$3.6 billion in capital and exploration expenditures, primarily directed to upstream growth;  
\$1.1 billion net income generating \$2.2 billion cash flow from operations; and  
\$449 million in dividends distributed to shareholders.

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Collectively these factors had an impact on 2015 compensation decisions for the named executive officers. The individual committee members, through their experience in compensation and their participation on board committees, are able to understand the company's overall objectives, operating risks and financial risks. This understanding of the company's objectives and range of business risks allows an appropriate calibration to the company's compensation policies and practices.

The committee's assessment is that the company's compensation program is working as intended and has been effectively integrated over the long term with the company's business model. The committee has recommended to the board that the CD&A be included in the company's management proxy circular for the 2016 annual meeting of shareholders. We encourage you to read the comprehensive disclosure in the CD&A that follows. The committee is committed to overseeing all aspects of the executive compensation program in the best interests of the company and all shareholders.

Submitted on behalf of the executive resources committee,

*Original signed by*

K.T. Hoeg,

Chair, executive resources committee

V.L. Young, Vice-chair

J.M. Mintz

D.S. Sutherland

S.D. Whittaker

D.G. Wascom



**Table of Contents****Compensation discussion and analysis**

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**Overview**

Providing energy to help meet the demands of both Canada and the rest of North America is a complex business. The company meets this challenge by taking a long-term view to managing its business rather than reacting to short-term business cycles. As such, the compensation program of the company aligns with this long-term business outlook and supports key business strategies as outlined below.

**Canadian business environment**

- Large, accessible upstream resources
- Mature, competitive downstream markets
- Relative political stability, competitive fiscal regime
- Evolving regulatory, environmental framework
- Market access limitations, uncertainties
- Regional cost pressures, alleviating with downturn

**Business model**

- Long-life, competitively advantaged assets
- Disciplined investment and cost management
- Value-chain integration and synergies
- High-impact technologies and innovation
- Operational excellence and responsible growth

**Key business strategies**

- Personnel safety and operational excellence
- Grow profitable production and sales volumes
- Disciplined and long-term focus on improving the productivity of the company's asset mix
- Best-in-class cost structure to support industry-leading returns on capital and superior cash flow

Focus on these key business strategies is a company priority and supports long-term growth in shareholder value.

**Key elements of the compensation program**

The key elements of the company's compensation program that align with the business model and support key business strategies are:

- long-term career orientation with high individual performance standards (see page 123);
- base salary that rewards individual performance and experience (see page 124);
- annual bonus grants to select executives based on company performance, as well as individual performance and experience (see page 124);
- payment of a large portion of executive compensation in the form of restricted stock units with lengthy vesting periods and risk of forfeiture (see page 125); and
- retirement benefits (pension and savings plans) that provide for financial security after employment (see pages 127 through 129).

**Management of risk**

The company operates in an industry environment in which excellence in risk management is critical. For this reason, the company places a high premium on effective risk management, including safety, security, health, environmental, financial and reputational risks. The long-term orientation of the company and risk of forfeiture in the compensation

program reinforce this priority.

The company's success in managing risk over multiple year periods is achieved through emphasis on flawless execution through a disciplined management framework called the Operations Integrity Management System (OIMS), which has been in place since the early 1990's. The OIMS framework establishes common expectations for addressing risks inherent in our business and takes priority over other business and financial objectives. The compensation program is designed to ensure that senior executives have a strong financial incentive to protect the safety and security of our employees and the communities and environment in which we operate, to effectively manage risk and operate the business with effective business controls, as well as to create value for company shareholders through their actions by increasing shareholder return, net income, return on capital employed, and advancing the long-term strategic direction of the company.

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The company also has strong controls and compliance programs to manage other types of risk, including fraud, regulatory compliance and litigation risks. These controls and compliance programs are reinforced by the same features of the compensation program. The compensation program is composed of competitive salaries and performance-based incentives as the primary instruments to attract, develop and retain key personnel.

There is no material adverse risk resulting from how the company pays its executives; to the contrary, the compensation programs and practices are designed to encourage appropriate risk assessment and risk management. The underlying design and principles inherent in the company's compensation program, which are primarily long-term focused, discourage taking adverse risks.

The design of the compensation program helps reinforce these priorities and ensures that the compensation granted over multiple years and the shareholding net worth of senior executives are linked to the performance of the company's stock and resulting shareholder value.

The key design features of our compensation program that discourage inappropriate risk taking are summarized below and are also described in more detail under various sections of this proxy statement.

### *Compensation components*

A substantial portion of total compensation (excluding compensatory pension value) to senior executives is in the form of restricted stock units and an annual bonus. In the judgment of the committee, this mix of short and long-term incentives strikes an appropriate balance in aligning the interests of the senior executives with the business priorities of the company and sustainable growth in long-term shareholder value. Ongoing reviews of our compensation program, including short and long-term incentives, ensure continued relevance of this mix and ongoing applicability for the company.

### *Restricted stock units*

**Long holding periods** - To further reinforce the importance of risk management and a long-term investment orientation, senior executives are required to hold a substantial portion of their equity incentive award for periods that typically far exceed the holding periods of competitor stock programs. The lengthy holding periods are tailored to the company's business model. The vesting provisions of the stock program are as follows:

to the chairman, president and chief executive officer:

50 percent of each grant vests on the fifth anniversary of the date of grant; and  
the balance vests on the tenth anniversary of the date of grant or the date of retirement, whichever is later; and

to all other senior executives:

50 percent of each grant vests on the third anniversary of the date of grant; and  
the balance vests on the seventh anniversary of the date of grant.

**Risk of forfeiture** During these long holding periods, the restricted stock units are at risk of forfeiture for resignation or detrimental activity. The long vesting periods on restricted stock units and the risk of forfeiture together support an appropriate risk/reward profile that reinforces the long-term orientation expected of senior executives.

### *Annual bonus*

**Delayed payout** Payout of 50 percent of the annual bonus is delayed. The timing of the delayed payout is determined by earnings performance. This is a unique feature of the company's program relative to many

comparator companies and further discourages inappropriate risk taking.

Recoupment ( claw-back ) and forfeiture The entire annual bonus is subject to recoupment ( claw-back ) and the delayed portion of the annual bonus is subject to forfeiture in the event of material negative restatement of the company s reported financial or operating results. This reinforces the importance of the company s financial controls and compliance programs. Claw-back and forfeiture provisions also apply if an executive resigns or engages in detrimental activity.

*Common programs*

All executives of the company, including the named executive officers, participate in common programs (the same salary, incentive and retirement programs). Inappropriate risk taking is discouraged at all levels of the company through similar compensation design features and allocation of awards. Within these programs, the compensation of executives is differentiated based on individual performance

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assessment, level of responsibility and individual experience. All executives on expatriate assignment from Exxon Mobil Corporation, including named executive officers, also participate in common programs, which are administered by Exxon Mobil Corporation. The named executive officers on assignment from Exxon Mobil Corporation receive the company's restricted stock units. The executive resources committee reviews and approves compensation recommendations for each named executive officer prior to implementation.

### *Pension*

The company's defined benefit pension plan and supplemental pension arrangements are highly dependent on executives remaining with the company for a career and performing at the highest levels until retirement. This dimension of total compensation encourages executives to take a long-term view when making business decisions and to focus on achieving sustainable growth for shareholders.

### **Other supporting compensation and staffing practices**

A long established program of management development and succession planning is in place to reinforce a career orientation and ensure continuity of leadership.

The use of perquisites at the company is very limited, and mainly composed of financial planning for senior executives, the selective use of club memberships which are largely tied to building business relationships and security provided for R.M. Kruger.

Tax assistance is provided for employees on expatriate assignment. This assistance consists primarily of a tax equalization component designed to maintain the employees' overall income tax burden at approximately the same level it would have otherwise been, had they remained in their home country. The expatriate relocation program is broad-based and applies to all executive, management, professional and technical transferred employees.

### **Hedging policy**

Company policy prohibits all employees, including executives, and directors, from purchasing or selling puts, calls, other options or futures contracts on the company or Exxon Mobil Corporation stock.

### **Business performance and basis for compensation**

The assessment of individual performance is conducted through the company's employee appraisal program. Conducted annually, the appraisal process assesses performance against relevant business performance measures and objectives, including the means by which performance is achieved. These business performance measures may include:

- safety, health and environmental performance;
- risk management;
- total shareholder return;
- net income;
- return on capital employed;
- cash distribution to shareholders;
- operating performance of the upstream, downstream and chemical segments; and
- effectiveness of actions that support the long-term strategic direction of the company.

The appraisal process involves comparative assessment of employee performance using a standard process throughout the organization and at all levels. This process is integrated with the compensation program which results in significant pay differentiation between higher and lower performers. The appraisal process is also integrated with the

executive development process. Both have been in place for many years and are the basis for planning individual development and succession for management positions. The decision-making process with respect to compensation requires judgment, taking into account business and individual performance and responsibility. Quantitative targets or formulae are not used to assess individual performance or determine the amount of compensation.

### **Succession planning**

The succession planning process fosters the company's approach to a career orientation and promotion from within, which strengthens continuity of leadership at all levels, including that of the most senior positions. This process helps to assess the competence and readiness of individuals for senior executive positions. The executive resources committee is responsible for approving specific succession plans for the position of chairman, president and chief executive officer and key senior executive positions reporting to him, including all officers of the company.



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The executive resources committee regularly reviews the company's succession plans for key senior executive positions. It considers candidates for these positions from within the company and certain candidates from ExxonMobil. This is an in-depth review of succession plans, which includes the consideration of various aspects of diversity as well as plans to address gaps, if any, for key executives. For example, the company has had a long-standing practice to regularly review with senior management the progress of women, which includes topics such as recruitment, attrition, relocation, training and development. Approximately one quarter of company executives are women. The chairman, president and chief executive officer also discusses the strengths and development needs of key succession candidates and progress each year. This provides the board an opportunity to confirm a pipeline of key and diverse talent exists to enable achievement of long-term strategic objectives. The executive resources committee makes recommendations to the board of directors for selection of all officers of the company, as well as other key senior executive positions reporting to the chairman, president and chief executive officer.

**Compensation program**

**Career orientation**

The company's objective is to attract, develop and retain over a career the best talent available. It takes a long period of time and significant investment to develop the experienced executive talent necessary to succeed in the company's business; senior executives must have experience with all phases of the business cycle to be effective leaders. The company's compensation program elements are designed to encourage a career orientation among employees at all levels of the company. Career orientation among a dedicated and highly skilled workforce, combined with the highest performance standards, contributes to the company's leadership in the industry and serves the interests of shareholders in the long term. The company service of the named executive officers reflects this on-going strategy. As of February 10, 2016, their career service ranges from approximately 22 to 36 years.

Consistent with the company's long-term career orientation, high-performing executives typically earn substantially higher levels of compensation in the final years of their careers than in the earlier years. This pay practice reinforces the importance of a long-term focus in making decisions that are key to business success.

The compensation program emphasizes individual experience and sustained performance; executives holding similar positions may receive substantially different levels of compensation.

The company's executive compensation program is composed of base salaries, cash bonuses and medium and long-term incentive compensation. The company does not have written employment contracts or any other agreement with its named executive officers providing for payments on change of control or termination of employment. The following chart provides an overview of the combined elements of the compensation program for executives, including the pay at risk horizon for the executives.

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### **Base salary**

Salaries provide executives with a base level of income. The level of annual salary is based on the executive's responsibility, performance assessment and career experience. The salary program in 2015 maintained the company's desired competitive orientation in the marketplace. Individual salary increases vary depending on each executive's performance assessment and other factors such as time in position and potential for advancement. Salary decisions also directly affect the level of retirement benefits since salary is included in the retirement benefit calculation. Thus, the level of retirement benefits is also performance-based, like other elements of compensation.

### **Annual bonus**

Annual bonuses were granted to approximately 65 executives to reward their contributions to the business during the past year. The bonus program is established annually by the executive resources committee based on financial and operating performance, and can be highly variable depending on these results. This bonus reflects the combined value at grant of annual cash bonus and earnings bonus units.

In establishing the annual bonus program and individual executive awards, the executive resources committee:

- considers input from the chairman, president and chief executive officer on the performance of the company and from the company's internal compensation advisors regarding compensation trends as obtained from external consultants;
- considers total shareholder return, annual net income of the company and the other key business performance indicators as described on page 122;
- uses judgment to manage the overall size of the annual bonus program taking into consideration the cyclical nature and long-term orientation of the business; and
- considers a comparison with the majority shareholder.

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The cost of the 2015 annual bonus program was \$4.4 million versus \$6.9 million in 2014. The change in the amount of the annual bonus program reflects lower corporate earnings, which were affected by lower global crude prices. Changes in individual cash bonus awards vary depending on each executive's performance assessment.

The annual bonus program incorporates unique elements to further reinforce retention and recognize performance. Awards under this program are generally delivered as:

- 50 percent cash paid in the year of grant; and

- 50 percent earnings bonus units with a delayed payout based on cumulative earnings performance.

The cash component is intended to be a short-term incentive, while the earnings bonus unit plan is intended to be a medium-term incentive. Earnings bonus units are made available to eligible executives to promote individual contribution to sustained improvement in the company's business performance and shareholder value. Earnings bonus units are generally equal to and granted in tandem with cash bonuses.

Specifically, earnings bonus units are cash awards that are tied to future cumulative earnings per share. Earnings bonus units pay out when a specified level of cumulative earnings per share is achieved or within three years, whichever is earlier. For earnings bonus units granted in 2015, the maximum settlement value (trigger) or cumulative earnings per share required for payout remained at \$3.50. The trigger is intentionally set at a level that is expected to be achieved within the three-year period and reinforces the company's principle of continuous improvement in business performance.

If cumulative earnings per share do not reach \$3.50 within three years, the payment with respect to the earnings bonus units will be reduced to an amount equal to the number of units times the actual cumulative earnings per share over the period.

The annual bonus includes the combined value of the cash bonus and delayed earnings bonus unit portion and is intended to be competitive with the annual bonus awards of other major comparator companies adjusted to reflect the company's performance relative to its comparators. The earnings bonus units are designed such that the timing and the amount of the payout is tied to the rate of the company's future earnings. The amount of the award, once vested, will never exceed the original grant value. In so doing, the delayed portion of the annual bonus, that is the earnings bonus unit, puts part of the annual bonus at risk of forfeiture and thus reinforces the performance basis of the annual bonus grant.

Prior to payment, the earnings bonus units may be forfeited if the executive leaves the company before age 65, or engages in activity that is detrimental to the company.

Since November 2011, for executives, the entire annual bonus is subject to a forfeiture and claw-back feature if there is a material negative restatement in the financial results of the company. This claw-back feature may require the executives to forfeit some or all of any unvested earnings bonus units granted in the three years prior to the restatement. Executives may be required to repay to the company any cash amounts received from bonus or earnings bonus units that were paid out up to five years prior to the restatement. In addition, the forfeiture and claw-back provisions also apply to the annual bonus in the event an executive engages in detrimental behavior during employment or up to two years after leaving the company, including working for a competitor.

## **Long-term incentive compensation    Restricted stock units**

The company's only long-term incentive compensation plan is a restricted stock unit plan, in place since December 2002. The current plan's vesting periods are as follows:

to the chairman, president and chief executive officer:

50 percent of each grant vests on the fifth anniversary of the date of grant; and  
the balance vests on the tenth anniversary of the date of grant or the date of retirement, whichever is later;  
and

to all other senior executives:

50 percent of each grant vests on the third anniversary of the date of grant; and  
the balance vests on the seventh anniversary of the date of grant.

Granting compensation in the form of restricted stock units with long vesting periods as described above is aligned with the long-term nature of the company's business. This stock program design helps keep executives focused on the key premise that decisions made today affect the performance of the organization and company stock for many years to come. This practice supports a risk/reward model that reinforces a long-term view, which is critical to the company's business success, and discourages inappropriate risk taking.

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The basis for the grant includes an annual assessment of individual performance including a review of business performance results as noted on page 131. The amount granted is intended to provide an incentive to promote individual contribution to the company's performance and to remain with the company. Grant level guidelines for the restricted stock unit program award the same number of shares for the same level of individual performance and classification or level of responsibility, and may be adjusted periodically based on an assessment of the program's competitive orientation. An individual's grant amount may be reduced at time of grant, if near-term performance is deemed to have changed significantly at time of grant. As a matter of principle, the company does not offset losses on prior grants with higher share awards in subsequent grants, nor does the company re-price restricted stock units. Restricted stock units are not included in pension calculations.

The vesting periods, which are greater than those in use by most other companies, reinforce the company's focus on growing shareholder value over the long term by linking a large percentage of executive compensation and the shareholding net worth of executives to the return on the company's stock realized by shareholders. The vesting period for restricted stock unit awards is not subject to acceleration, except in the case of death. The long vesting periods ensure that a substantial portion of the compensation received by the chairman, president and chief executive officer, as well as other key senior executives, will be received subsequent to retirement. The value of this compensation is at risk in the event that their decisions as senior executives prior to retirement negatively impact share market value after retirement. The objective of these aforementioned vesting periods is to hold senior executives accountable for many years into the future, and even into retirement, for investment and operating decisions made today. This type of compensation design removes employee discretion in the timing of exercising restricted stock units, supports alignment with the long-term interests of shareholders, and reinforces retention objectives.

In 2015, after an analysis of the competitive orientation of the company's restricted stock unit program, the program was adjusted to reflect the current business environment and continues to align with the design of the majority shareholder's program. In 2015, 440 recipients, including 63 executives, were granted 884,080 restricted stock units.

***Exercise of restricted stock units***

Restricted stock units will be exercised pursuant to the vesting provisions described in the previous section. Restricted stock units cannot be assigned.

Upon vesting, each restricted stock unit entitles the recipient the right to receive an amount equal to the value of one common share of the company, based on the five day average closing price of the company's shares on the vesting date and the four preceding trading days. For units granted to senior executives other than the chairman, president and chief executive officer, 50 percent of the units will be exercised as a cash payment on the third and seventh anniversary of the grant date, with the following exception: for units granted to Canadian residents, the recipient may receive one common share of the company per unit or elect to receive a cash payment for the units to be exercised on the seventh anniversary. For all units granted to the chairman, president and chief executive officer, upon vesting, the recipient may receive one common share of the company per unit or elect to receive a cash payment for the units to be exercised on the vesting date. During the restricted period, the recipient will also receive cash payments equivalent to the cash dividends paid to holders of regular common stock.

As of February 10, 2016 there are 3,810,828 common shares that may be issued in the future with respect to outstanding restricted stock units that represent about 0.45 percent of the company's currently outstanding common shares. The company's directors, officers and vice-presidents as a group hold approximately 14 percent of the unexercised restricted stock units that give the recipient the right to receive common shares that represent about 0.06 percent of the company's outstanding common shares. Currently, the maximum number of common shares that any one person may receive from the exercise of restricted stock units is 283,500 common shares, which is about 0.03

percent of the outstanding common shares. In the case of any subdivision, consolidation, or reclassification of the shares of the company or other relevant change in the capitalization of the company, the company, in its discretion, may make appropriate adjustments in the number of common shares to be issued and the calculation of the cash amount payable per restricted stock unit.

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Exxon Mobil Corporation has a plan similar to the company's restricted stock unit plan, under which grantees may receive restricted stock or restricted stock units, both of which are referred to herein as Exxon Mobil Corporation restricted stock. R.M. Kruger holds Exxon Mobil Corporation restricted stock granted in 2012 and previous years, as well as the company's restricted stock units granted since 2013. B.P. Cahir also holds Exxon Mobil Corporation restricted stock granted in 2014 and previous years, as well as the company's restricted stock units granted in 2015.

***Amendments to the restricted stock unit plan***

In 2008, the company's restricted stock unit plan was amended to provide that the number of common shares of the company issuable under the plan to any insiders (as defined by the Toronto Stock Exchange) cannot exceed 10 percent of the issued and outstanding common shares, whether at any time or as issued in any one year. The Toronto Stock Exchange advised that this amendment did not require shareholder approval. Additionally, shareholders approved the following changes to the restricted stock unit plan:

In addition to the existing three and seven year vesting provisions, include an additional vesting period option for 50 percent of restricted stock units to vest on the fifth anniversary of the date of grant, with the remaining 50 percent of the grant to vest on the later of the tenth anniversary of the date of grant or the date of retirement of the grantee. The recipient of such restricted stock units may receive one common share of the company per unit or elect to receive the cash payment for all units to be exercised. The choice of which vesting period provision to use will be at the discretion of the company.

Set out which amendments in the future will require shareholder approval, and which amendments will only require director approval and to set an exercise price based on the weighted average price of the company's shares on the exercise date and the four consecutive trading days immediately prior to the exercise date.

As of November 2011, the restricted stock unit plan was amended to include language confirming the long-standing practice of not forfeiting any restricted stock units in the event that grantee's continued employment terminates on or after the date grantee reaches the age of 65 in circumstances where grantee becomes entitled to an annuity under the company's retirement plan.

***Forfeiture risk***

Restricted stock units are subject to forfeiture if:

A recipient retires or terminates employment with the company. The company has indicated its intention not to forfeit restricted stock units of employees who retire at age 65. In other circumstances, where a recipient retires or terminates employment, the company may determine that restricted stock units shall not be forfeited. During employment or during the period of two years after retirement or the termination of employment, the recipient, without the consent of the company, engages in any business that is in competition with the company or otherwise engages in any activity that is detrimental to the company.

**Retirement benefits**

Named executive officers participate in the same pension plan, including supplemental pension arrangements outside the registered plan, as other employees, except that R.M. Kruger and B.P. Cahir, participate in the Exxon Mobil Corporation pension plans (both tax-qualified and non-qualified).

***Pension plan benefits***

The estimated annual benefits that would be payable to each named executive officer of the company upon retirement under the company's pension plan and the supplemental pension arrangements, or under Exxon Mobil Corporation's tax-qualified and non-qualified pension plans, and the change in the defined benefit obligation for each named executive officer of the company in 2015 can be found in the pension plan benefits table beginning on page 138.

The company's defined benefit plan was amended in 2015 to provide a single 1.5 percent accrual formula for employees hired on and after September 1, 2015. All plan participants employed prior to the date of the change will continue to accrue pension benefits based on accrual formulae in place prior to September 1, 2015. The company's supplemental pension arrangements address any portions of the defined benefit that cannot be paid from the registered plan. Any amounts paid to an eligible employee, in this regard, are subject to the employee meeting the terms of the registered pension plan and the criteria of the supplemental pension arrangements, as applicable. The company does not grant additional pension service credit.



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Predecessor plans have been in place since 1919, including a historic provision with a 1.6 percent accrual formula that was closed to new participants at the end of 1997. All named executive officers, except those who are participants in Exxon Mobil Corporation's plans (R.M. Kruger and B.P. Cahir), are participants of this historic 1.6 percent provision of the plan. It can provide an annual benefit of 1.6 percent of final three-year average earnings per each year of service, with a partial offset for applicable government pension benefits. An employee participating in this provision may elect to forego a portion of the company's matching contributions to the savings plan to receive additional pension value equal to 0.4 percent of the employee's final three-year average earnings, multiplied by the employee's years of service, while foregoing such company contributions. For participants of this provision, earnings, for the purpose of the company's registered pension plan, include average base salary during the last 36 consecutive months of service prior to retirement or the highest consecutive three calendar years of earnings in the last 10 years of service prior to retirement. The company's supplemental pension arrangements address any portions of the formula that cannot be paid from the registered plan due to tax regulations.

For the named executive officers, the company's supplemental pension arrangements similarly provide an annual benefit of 1.6 percent of final average bonus earnings times years of service. Earnings, for the purpose of the supplemental pension arrangement related to cash bonus and earnings bonus units, include the average annual bonus for the highest three of the last five years prior to retirement for eligible executives, but do not include long-term compensation, including restricted stock units. By limiting inclusion of bonuses only to those granted in the five years prior to retirement, there is a strong incentive for executives to continue to perform at a high level. Annual bonus includes the cash amounts that are paid at grant and the value of any earnings bonus units received, as described starting on page 124. The aggregate maximum settlement value that could be paid for earnings bonus units is included in the employee's final three year average earnings for the year of grant of such units. The value of the earnings bonus units are expected to pay out, subject to forfeiture provisions, and are included for supplemental pension arrangement purposes in the year of grant rather than the year of payment.

The remuneration used to determine the payments on retirement to the individuals named in the summary compensation table on page 134 corresponds generally to the salary, bonus and earnings bonus units received in the current year, as described above. As of February 10, 2016, the number of completed years of service with the company was 28.8 for B.A. Babcock, 35.8 for W.J. Hartnett and 30.4 for B.G. Merkel.

R.M. Kruger and B.P. Cahir are not participants in the company's pension plan, but are participants in Exxon Mobil Corporation's pension plans. Under those plans, as of February 10, 2016, R.M. Kruger had 34.6 years of credited service and B.P. Cahir had 21.6 years of credited service. Their respective pensions are payable in U.S. dollars. Pay for the purpose of the pension calculation is based on final average base salary over the highest 36 consecutive months in the 10 years of service prior to retirement, and the average annual bonus for the three highest grants out of the last five grants prior to retirement.

***Savings plan benefits***

The company maintains a savings plan into which career employees with more than one year of service may contribute between one and 30 percent of normal earnings. The company provides contributions which vary depending on the amount of employee contributions and in which defined-benefit pension arrangement the employee participates. All named executive officers are members of the historic 1.6 percent defined-benefit pension plan, and are eligible to receive a company matching contribution of up to six percent, except for R.M. Kruger and B.P. Cahir, who participate in the Exxon Mobil Corporation savings plan and tax-qualified and non-qualified pension plans, which have provisions different from the company plan.

Employee and company contributions can be allocated in any combination to a non-registered (tax-paid) account, a registered (tax-deferred) group retirement savings plan (RRSP) or a tax-free savings account (TFSA), subject to contribution limits under the *Income Tax Act*, as applicable.

Available investment options include cash savings, a money market mutual fund, a suite of four index-based equity or bond mutual funds and company shares. As of February 10, 2016, employees hold 8,335,188 shares through the company savings plan and the employees are allowed to vote these shares.

During employment, withdrawals are only permitted from employee contributions within the tax-paid account, to a maximum of three withdrawals per year. Lump-sum transfers are permitted to the TFSA from employee contributions to the tax-paid account. These transfers are considered a withdrawal and are included in the three-per-year withdrawal limit for the tax-paid account. Unlimited withdrawals are permitted from the TFSA.

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Assets in the RRSP account, and company contributions to the tax-paid account, may only be withdrawn upon retirement or termination of employment, reinforcing the company's long-term approach to total compensation. Income tax regulations require RRSPs to be closed by the end of the year in which the individual reaches age 71.

**Compensation decision making process and considerations for named executive officers****Benchmarking**

In addition to the assessment of business performance, individual performance and level of responsibility, the executive resources committee relies on market comparisons to a group of 24 major Canadian companies whose revenues (or the revenues of their parent companies) exceed \$1 billion a year.

**Comparator companies**

The following criteria are used to select comparator companies:

Canadian companies;  
large operating scope and complexity;  
capital intensive; and  
proven sustainability.

The 24 companies benchmarked are as follows:

Comparator companies for named executive officers		
Agrium Inc.	ConocoPhillips Canada	Nexen Energy ULC
BP Canada Energy Group ULC	Devon Canada Corporation	NOVA Chemicals Corporation
BCE Inc.	Enbridge Inc.	Procter & Gamble Inc.
Canadian Natural Resources Limited	Encana Corporation	Repsol (formerly Talisman Energy Inc.)

Canadian Pacific Railway Limited

General Electric Canada

Royal Bank of Canada

Canadian Tire Corporation Limited

Husky Energy Inc.

Shell Canada Limited

Cenovus Energy Inc.

IBM Canada Ltd.

Suncor Energy Inc.

Chevron Canada Limited

Irving Oil Limited

TransCanada Corporation

The company is a national employer drawing from a wide range of disciplines. It is important to understand its competitive orientation relative to a variety of oil and non-oil employers. Compensation trends across industries, based on survey data, are prepared annually by an independent external consultant with additional analysis and recommendation provided by the company's internal compensation advisors. Consistent with the executive resources committee's practice of using well-informed judgment rather than formulae to determine executive compensation, the committee does not target any specific percentile among comparator companies to align compensation. The focus is on a broader and more flexible orientation, generally a range around the median of the comparator companies' compensation. This approach applies to salaries and the annual incentive program that includes bonus and restricted stock units.

As a secondary source of data, the executive resources committee also considers a comparison with the majority shareholder when it determines the annual bonus program. For the restricted stock unit program, the executive resources committee also reviews a summary of data of the comparator companies provided by the same external consultant in order to assist in assessing total value of long-term compensation grants. As a result, grant level guidelines may be adjusted periodically to maintain the program's competitive orientation. As a matter of principle, the company does not offset losses on prior grants with higher share awards in subsequent grants, nor does the company re-price restricted stock units.

This overall approach provides the company with the ability to:

- better respond to changing business conditions;
- manage salaries based on a career orientation;
- minimize potential for automatic increasing of salaries, which could occur with an inflexible and narrow target among benchmarked companies; and
- differentiate salaries based on performance and experience levels among executives.

Details of the compensation assessment for the named executive officers are outlined in more detail on pages 131 and 132.



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**Analytical tools    Compensation summary sheets**

The compensation summary sheet is a matrix used by the executive resources committee that shows the individual elements and total compensation for each senior executive. The summary sheet is used to understand how decisions on each individual element of compensation affect total compensation for each senior executive. The committee considers both current compensation recommendations and prior compensation results in its final determination.

The elements of the Exxon Mobil Corporation compensation program, including salary and annual bonus and equity (long-term) compensation considerations for R.M. Kruger and B.P. Cahir, are similar to those of the company. The data used for long-term compensation determination for R.M. Kruger and B.P. Cahir is as described above, as they received company restricted stock units in 2015. The executive resources committee reviews and approves recommendations for each named executive officer prior to implementation. R.M. Kruger's compensation determination is described in more detail on page 132.

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**2015 named executive officer compensation assessment**

When determining the annual compensation for the named executive officers, the executive resources committee has reflected on the following business performance result indicators in its determination of 2015 salary and incentive compensation.

*Business performance results for consideration*

The operating and financial performance measurements listed below and the company's continued maintenance of sound business controls and a strong corporate governance environment formed the basis for the salary and incentive award decisions made by the executive resources committee in 2015. The executive resources committee considered the results over multiple years, relative to the company's proven business model and strategies, to deliver long-term shareholder value.

- Best-ever safety and environmental performance
- Continued effective management of enterprise risk and operational integrity
- 22 percent increase in liquids production reaching the highest level in more than two decades:
  - early start-up of the expansion project and strong overall Kearn performance
  - completion of the Cold Lake Nabine expansion project
  - commissioning and start-up of the Edmonton rail terminal to support market access
- Strong financial and operating performance across the downstream businesses
- Record high chemical earnings and progression of the gas cracker furnace project
- Technical qualification of SA-SAGD technology for industry's first potential application at Aspen
- \$1.5 billion reduction in operating and capital costs
- \$3.6 billion in capital and exploration expenditures, primarily directed to upstream growth
- \$1.1 billion net income generating \$2.2 billion cash flow from operations
- \$449 million in dividends distributed to shareholders

*Performance assessment considerations*

The above results form the context in which the committee assesses the individual performance of each senior executive, taking into account experience and level of responsibility.

Annually, the chairman, president and chief executive officer reviews the performance of the senior executives in achieving business results and individual development needs.

The same long-term key business strategies noted on page 120 and results noted above are key elements in the assessment of the chairman, president and chief executive officer's performance by the executive resources committee.

The performance of all named executive officers is also assessed by the board of directors throughout the year during specific business reviews and board committee meetings that provide information on strategy development; operating and financial results; safety, health, and environmental results; business controls; and other areas pertinent to the general performance of the company.

The executive resources committee does not use quantitative targets or formulae to assess individual executive performance or determine compensation. The executive resources committee does not assign weights to the factors considered. Formula-based performance assessments and compensation typically require emphasis on two or three business metrics. For the company to be an industry leader and effectively manage the technical complexity and integrated scope of its operations, most senior executives must advance multiple strategies and objectives in parallel,

versus emphasizing one or two at the expense of others that require equal attention.

Senior executives and officers are expected to perform at the highest level or they are replaced. If it is determined that another executive is ready and would make a stronger contribution than one of the current incumbents, a replacement plan is implemented.



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### **2015 chief executive officer compensation assessment**

R.M. Kruger was appointed chairman, president and chief executive officer of the company on March 1, 2013. Mr. Kruger has worked for Exxon Mobil Corporation and its predecessor companies since 1981 in various upstream and downstream assignments with responsibilities in the United States, the former Soviet Union, the Middle East, Africa and Southeast Asia. Prior to his assignment with the company, Mr. Kruger was vice-president of Exxon Mobil Corporation and president of ExxonMobil Production Company, a division of Exxon Mobil Corporation, with responsibility for ExxonMobil's global oil and gas producing operations. His level of salary was determined by the executive resources committee based on his individual performance and to align with that of his peers in ExxonMobil. It was also the objective of the executive resources committee to ensure appropriate internal alignment with senior management in the company. The committee approved a salary increase of \$29,000 U.S. to \$860,000 U.S., effective January 1, 2016.

Mr. Kruger's 2015 annual bonus was based on his performance as assessed by the executive resources committee since his appointment to the position of chairman, president and chief executive officer. His long-term incentive award was granted in the form of company restricted stock units, not Exxon Mobil Corporation restricted stock, to reinforce alignment of his interests with that of the company's shareholders. His company restricted stock units are subject to vesting periods longer than those applied by most companies conducting business in Canada. Fifty percent of the restricted stock units awarded vest in five years and the other 50 percent vest on the later of 10 years from the date of grant or the date of retirement. The purpose of these long vesting periods is to reinforce the long investment lead times in the business and to link a substantial portion of Mr. Kruger's shareholding net worth to the performance of the company. As such, the payout value of the long-term incentive grants may differ from the amounts shown in the summary compensation table, depending on how the company actually performs at time of future vesting. During these vesting periods, the awards are subject to risk of forfeiture based on detrimental activity or leaving the company before normal retirement.

The executive resources committee has determined that the overall compensation of Mr. Kruger is appropriate based on the company's financial and operating performance and its assessment of his effectiveness in leading the organization.

Key factors considered by the committee in determining his overall compensation level include:

- safety metrics and environmental performance;
- risk management;
- progress on advancing long-term strategic interests such as the Kearl and Nabiye projects;
- financial results;
- government relations;
- productivity;
- leadership;
- cost effectiveness; and
- asset management.

Taking all factors into consideration, the committee's decisions on compensation of the chief executive officer reflect judgment, rather than the application of formulae or targets. The higher level of pay for Mr. Kruger, compared to the other named executive officers, reflects his greater level of responsibility, including his ultimate responsibility for the performance of the company, and oversight of the other senior executives.

### **Pay awarded to other named executive officers**

Within the context of the compensation program structure and performance assessment processes described above, the value of 2015 incentive awards and salary adjustments align with:

- performance of the company;
- individual performance;
- long-term strategic plan of the business; and
- annual compensation of comparator companies.

Taking all factors into consideration, the executive resources committee's decisions on pay awarded to other named executive officers reflect judgment, rather than the application of formulae or targets. The executive resources committee approved the individual elements of compensation and the total compensation as shown in the summary compensation table on page 134.

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**Independent consultant**

In fulfilling its responsibilities during 2015, the executive resources committee did not retain an independent consultant or advisor in determining compensation for any of the company's officers or any other senior executives. The company's management retained an independent consultant to provide an assessment of competitive compensation and market data for all salaried levels of employees of the company. While providing this data, they did not provide individual compensation recommendations or advice for the compensation of the chairman, president and chief executive officer or other senior executives.

**Performance graph**

The following graph shows changes over the past 10 years in the value of \$100 invested in (i) Imperial Oil Limited common shares, (ii) the S&P/TSX Composite Index, and (iii) the S&P/TSX Composite Energy Index. The S&P/TSX Composite Energy Index is currently made up of share performance data for 55 oil and gas companies including integrated oil companies, oil and gas producers and oil and gas service companies.

The year-end values in the graph represent appreciation in share price and the value of dividends paid and reinvested. The calculations exclude trading commissions and taxes. Total shareholder returns from each investment, whether measured in dollars or percent, can be calculated from the year-end investment values shown beneath the graph.

During the past 10 years, the company's cumulative total shareholder return was 29 percent, for an average annual return of 3 percent. Over the past five years, the cumulative total shareholder return was 17 percent. Total direct compensation for named executive officers generally reflects the trend in total shareholder returns as the largest single component of executive compensation is awarded in the form of restricted stock units with long holding periods. This design reinforces the company's focus on growing shareholder value over the long term by linking executive compensation and the shareholding net worth of executives to the return on the company's stock realized by shareholders. Total direct compensation includes salary, the annual bonus (cash and earnings bonus unit awards), and the grant date fair value of the restricted stock unit award which is equal to the price for the company's stock on the date of grant.

(a) Effective December 21, 2012, S&P discontinued the S&P/TSX Equity Energy Index. This was replaced with the S&P/TSX Composite Energy Index (STENRSR).

