

2017 Consolidated

FINANCIAL STATEMENTS



FEDERATED
CO-OPERATIVES
LIMITED



Independent Auditors' Report

To the Members of Federated Co-operatives Limited:

We have audited the accompanying consolidated financial statements of Federated Co-operatives Limited, which comprise the consolidated statement of financial position as at October 31, 2017, and the consolidated statements of comprehensive income, members' equity and cash flows for the year then ended and notes comprising a summary of significant accounting policies and other explanatory information.

Management's Responsibility for Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with International Financial Reporting Standards, and for such internal control as management determines necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those

risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of Federated Co-operatives Limited as at October 31, 2017, and its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards.



Chartered Professional Accountants

Saskatoon, Saskatchewan
December 19, 2017

Consolidated Financial Statements

Consolidated Statement of Comprehensive Income

Year ended October 31

In millions of CAD \$

Notes	2017	2016
Sales	\$ 9,828	\$ 8,375
17 Cost of Products Sold	8,789	7,452
Gross Margin	1,039	923
17 Operating and administration expense	410	364
19 Finance cost	21	19
9 Impairment	-	6
16 Other income	(20)	(26)
Net Income before Income Taxes	628	560
21 Income taxes	53	45
Net Income before Other Comprehensive Income	575	515
15 Actuarial gain (loss) on defined benefit plan (net of tax)	15	(76)
Total Comprehensive Income	\$ 590	\$ 439

Consolidated Statement of Cash Flows

Year ended October 31

In millions of CAD \$

Notes	2017	2016
Operating Activities		
Net income	\$ 575	\$ 515
Adjustments for:		
Depreciation, depletion and amortization	337	360
9 Impairment	-	6
Gain on disposal of property, plant and equipment	(1)	(7)
21 Deferred tax	49	37
13 Settlement of asset retirement obligation	(6)	(6)
13 Accretion	4	4
15 Contributions to the pension liability, net of expense	(18)	(21)
Changes in non-cash operating working capital:		
23 Accounts receivable	(243)	67
6 Inventories	22	(85)
Other current assets	4	(3)
Accounts payable	70	79
Cash provided by operating activities	<u>793</u>	<u>946</u>
Investing Activities		
7 Additions to investments and advances	(31)	(42)
9, 10 Additions to property, plant and equipment	(206)	(375)
11 Additions to intangible assets	(37)	(29)
Proceeds from sale of property, plant and equipment	9	20
Cash used in investing activities	<u>(265)</u>	<u>(426)</u>
Financing Activities		
14 Redemption of share capital	(338)	(354)
12 Repayment of members' funds, net	(29)	(73)
Cash used in financing activities	<u>(367)</u>	<u>(427)</u>
Increase in Cash and Cash Equivalents	161	93
Cash and Cash Equivalents, Beginning of Year	532	439
Cash and Cash Equivalents, End of Year	\$ 693	\$ 532
Cash and Cash Equivalents are comprised of:		
Cash	223	305
Cash Equivalents	470	227
	<u>\$ 693</u>	<u>532</u>
Supplemental Cash Flow Information		
Cash interest paid	16	16
Cash tax paid (received)	(2)	2

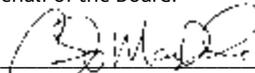
Consolidated Statement of Financial Position

As at October 31

In millions of CAD \$

Notes	2017	2016
Current Assets		
	\$ 693	\$ 532
23	854	683
23	276	204
6	620	642
	4	4
	4	8
7	105	118
	<u>2,556</u>	<u>2,191</u>
Non-Current Assets		
7	210	166
21	93	51
10	24	18
9	4,285	4,421
11	158	92
	<u>\$ 7,326</u>	<u>\$ 6,939</u>
Current Liabilities		
	\$ 855	\$ 747
12	355	384
	4	4
	<u>1,214</u>	<u>1,135</u>
Non-Current Liabilities		
15	169	207
12	298	298
13	109	111
21	647	551
	<u>1,223</u>	<u>1,167</u>
Members' Equity		
14	1,686	1,614
	3,203	3,023
	<u>4,889</u>	<u>4,637</u>
	<u>\$ 7,326</u>	<u>\$ 6,939</u>

On behalf of the Board:


 _____ Director


 _____ Director

Consolidated Statement of Members' Equity

As at October 31

In millions of CAD \$

Notes	Share Capital	Retained Earnings	Total Equity
	\$ 1,604	\$ 2,948	\$ 4,552
	-	515	515
15 Other comprehensive income	-	(76)	(76)
14 Patronage allocation	364	(364)	-
14 Redemption of shares	(354)	-	(354)
	\$ 1,614	\$ 3,023	\$ 4,637
	-	575	575
15 Other comprehensive loss	-	15	15
14 Patronage allocation	410	(410)	-
14 Redemption of shares	(338)	-	(338)
	\$ 1,686	\$ 3,203	\$ 4,889

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 1 Federated Co-operatives Limited

Federated Co-operatives Limited is incorporated under the Canada Cooperatives Act. The address of the registered office is 401-22nd Street East, Saskatoon, Saskatchewan, S7K 3M9. The consolidated financial statements as at and for the year ended October 31, 2017, comprise Federated Co-operatives Limited and its subsidiaries (collectively, "the

Co-operative") and the Co-operative's interest in joint operations. The Co-operative provides central wholesaling, manufacturing, refining and administrative services to 195 locally owned retail co-operatives across Western Canada.

NOTE 2 Basis of preparation

(a) Statement of compliance

The consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB).

The consolidated financial statements were authorized for issue by the Board of Directors on December 19, 2017.

(b) Basis of measurement

The consolidated financial statements are prepared on the historical cost basis except as detailed in the accounting policies disclosed in Note 3.

(c) Functional currency

These consolidated financial statements are presented in Canadian dollars, which is the Co-operative's functional currency.

NOTE 3 Summary of significant accounting policies

(a) Basis of consolidation

i. Subsidiaries

The consolidated financial statements include the accounts of the Co-operative and its subsidiaries. Subsidiaries are entities that the Co-operative controls. Subsidiaries are fully consolidated from the date that control commences until the date that control ceases.

ii. Joint arrangements

A joint arrangement can take the form of a joint operation or joint venture. All joint arrangements are established by a contractual agreement that establishes joint control. The Co-operative has interests in joint operations. For a joint operation, the consolidated financial statements include the Co-operative's proportionate share of the assets, liabilities, revenues and expenses of the arrangement with items of a similar nature on a line-by-line basis, from the date that the joint control commences until the date that joint control ceases.

iii. Transactions eliminated on consolidation

Inter-group balances and transactions, and any unrealized income and expenses arising from said transactions, are eliminated in preparing the consolidated financial statements.

(b) Foreign currency translations

Items included in the Co-operative's consolidated financial statements are measured using the functional currency. Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions. Foreign exchange gains or losses resulting from the settlement of such transactions, and from the translation of monetary assets and liabilities not denominated in the functional currency of an entity, are recognized in the consolidated statement of comprehensive income.

(c) Fair value measurement

A number of the Co-operative's accounting policies and disclosures require the measurement of fair value for both financial and non-financial assets and liabilities. 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 at the measurement date. The fair value of an asset or liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest. A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The Co-operative characterizes inputs used in determining fair value using a hierarchy that prioritizes inputs depending on the degree to which they are observable. The three levels of the fair value hierarchy are as follows:

- Level 1 – quoted (unadjusted) market prices in active markets for identical assets or liabilities.
- Level 2 – valuation techniques for which the lowest level input that is significant to the fair value is directly or indirectly observable.
- Level 3 – valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

The Co-operative recognizes transfers between levels of the hierarchy at the end of the reporting period during which the change has occurred.

(d) Cash and cash equivalents

Cash and cash equivalents consist of balances with financial institutions and investments in money market instruments which have a maturity of three months or less at the time of purchase.

(e) Financial instruments

i. Initial measurement and recognition

The Co-operative initially recognizes financial assets and liabilities on the trade date at which the Co-operative enters into the contractual provisions of the instruments. The Co-operative initially measures its financial assets and liabilities at fair value.

ii. Derecognition

The Co-operative derecognizes a financial asset when the contractual rights to the cash flow from the financial asset expire or it transfers the contractual rights to receive the cash flow. Any difference between the carrying amount of the asset and the consideration received is recognized in comprehensive income. The Co-operative derecognizes a financial liability when it is extinguished. Any difference between the carrying amount of the liability extinguished and the consideration paid is recognized in comprehensive income.

iii. Non-derivative financial assets

A financial asset is subsequently measured at amortized cost using the effective interest method and net of any impairment loss if:

- the asset is held within a business model with an objective to hold assets in order to collect contractual cash flows; and
- the contractual terms of the financial assets give rise, on specified dates, to cash flows that are solely payments of principal and interest.

Financial assets other than those measured at amortized cost are subsequently measured at fair value with all changes in fair value recognized in comprehensive income.

Financial assets measured at amortized cost comprise member and non-member accounts receivable and some advances. Financial assets measured at fair value through profit or loss comprise cash and cash equivalents and investments and some advances.

iv. Non-derivative financial liabilities

Financial liabilities other than those measured at amortized cost are subsequently measured at fair value with all changes in fair value recognized in comprehensive income.

Financial liabilities measured at amortized cost comprise accounts payable, members' funds, long-term debt and bank indebtedness.

v. Derivative financial instruments

The Co-operative uses derivative financial instruments to manage economic exposure to market risks relating to commodity prices and foreign currency exchanges rates as part of its overall risk management program. The Co-operative's policy is not to use derivative financial instruments for speculative purposes. The Co-operative has chosen not to elect hedge accounting treatment for the derivative financial instruments. Derivatives are initially and subsequently measured at fair value with changes recognized in the consolidated statement of comprehensive income.

(f) Inventories

Inventories are measured at the lower of cost and net realizable value. Cost is determined by the first-in, first-out method and the weighted average method. The cost of inventories includes all costs of acquisition, production or conversion and other costs incurred to bring them to their existing location and condition.

Net realizable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and selling.

(g) Property, plant and equipment

i. Recognition and measurement

Property, plant and equipment are measured at cost less accumulated depreciation, depletion and recognized impairment loss. Cost includes all expenditures directly attributable to bringing the asset to the location, installing it for its intended use and any related borrowing costs. When parts of an item of property, plant and equipment have different useful lives, they are accounted for as major components.

ii. Subsequent cost

Subsequent expenditures are capitalized when it is probable that future economic benefit will flow to the Co-operative. When the cost of replacing part of an item of property, plant and equipment is capitalized, the carrying amount of the replaced part is derecognized. The costs of planned major inspection, overhaul and turnaround activities are capitalized when they benefit future years of operation. Repairs and maintenance costs are expensed as incurred. Any gain or loss arising on the disposal of an item is determined as the difference between the sale proceeds and the carrying amount of the asset and is recognized in other income.

iii. Borrowing costs

The Co-operative capitalizes borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset, as part of the cost of that asset until such time that the asset is substantially ready for its intended use or sale. The Co-operative identifies a qualifying asset as one that necessarily takes a minimum of one year to get ready for its intended use or sale. To the extent that funds are borrowed specifically for the purpose of obtaining a qualifying asset, the Co-operative capitalizes the actual borrowing costs incurred on that borrowing during the period, less any investment income earned on the temporary investment of these borrowings. To the extent that a qualifying asset is funded generally, the Co-operative determines borrowing costs eligible for capitalization by applying the weighted average cost of borrowing for the period to the expenditures on that asset. All other borrowing costs are expensed in the period in which they occur.

iv. Depreciation

Items of property, plant and equipment are depreciated on a straight-line basis over the estimated useful life. Depreciation method, useful lives and residual values are reviewed at each financial year end and adjusted if appropriate.

Asset description	Estimated useful life (years)
Buildings and infrastructure	50
Tanks, bins, racking and long-life assets	30
Structures, piping and process units	25
Landscaping and signage	20
Equipment	3-15
Catalysts	3-10
Turnaround activities	4

v. Oil and gas development costs

The technical feasibility and commercial viability of extracting a resource is considered to be when proven reserves are determined to exist and management has determined with reasonable certainty that appropriate financial resources exist to proceed with development of the property. Depletion of oil and gas assets begins when the field or unit is ready to commence commercial operations as this is the point when economic benefit will be realized. Oil and gas properties are depleted using the units of production method over the proven and probable reserves. This results in a depletion charge that is proportional to the anticipated remaining production from the property.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

vi. Exploration and evaluation assets

Exploration and evaluation costs, including the costs of acquiring licenses, geological studies, exploratory drilling and sampling, are initially capitalized as either tangible or intangible exploration and evaluation assets according to the nature of the assets acquired. The costs are accumulated in cost centres by geographical unit pending determination of technical feasibility and commercial viability. Successful expenditures are transferred to property, plant and equipment. Expenditures deemed to be unsuccessful are recognized in comprehensive income immediately. Pre-license costs are expensed as incurred.

(h) Intangible assets

i. Supply agreements

The Co-operative has exclusive agreements to supply various retail members with virtually all of their food, petroleum and agro product requirements which were initially measured at fair value using the discounted cash flow method. The supply agreements are subsequently measured at cost and amortized over the estimated useful life of the contracts, which range from 10 to 30 years.

ii. Research and development

Research is an original and planned investigation undertaken with the prospect of gaining new scientific or technical knowledge or understanding. Research costs are expensed as incurred.

Development activities involve a plan or design for the production of new or substantially improved products and processes. Development costs are capitalized if they can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable and the Co-operative intends to, and has sufficient resources to, complete the development and to use or sell the asset. Development costs capitalized include the costs directly attributable to preparing the asset for its intended use. Other development costs are expensed as incurred. Capitalized development costs are depreciated straight-line over the expected useful life of the project.

(i) Investment property

Investment property is property held to earn rental income or for capital appreciation or both, but not held for sale in the ordinary course of business, used in the production or supply of goods or services, or for administrative purposes. Investment properties are measured initially at cost, including transaction costs, and subsequently at cost less accumulated depreciation and impairment losses. Rental income and operating expenses from investment property are reported in comprehensive income. When the use of a property changes such that it is reclassified as property, plant and equipment, its net book value at the date of reclassification becomes its cost for subsequent accounting. Buildings classified as investment property are depreciated straight-line over the useful life of 50 years.

(j) Leased assets

The Co-operative as lessor

Assets used in operating leases are classified as investment property as the Co-operative still retains substantially all of the risk and rewards of ownership. Rental income from operating leases is recognized on a straight-line basis over the term of the relevant lease.

The Co-operative as lessee

Payments made under operating leases are charged to comprehensive income over the lease term.

(k) Impairment

i. Non-financial assets

At the end of each reporting period, the Co-operative reviews its tangible and intangible assets to determine whether there is any indication of impairment. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss, if any. Where it is not possible to estimate the recoverable amount of an individual asset, the Co-operative estimates the recoverable amount of the cash generating unit (CGU) to which the asset belongs. A CGU is the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or CGUs. Where a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual CGUs. Otherwise corporate assets are allocated to the smallest group of CGUs for which a reasonable and consistent allocation base can be identified.

The recoverable amount of an asset or a CGU is the greater of its value in use and its fair value less costs of disposal. Value in use is assessed using the estimated future cash flows discounted to their present value using a pre-tax risk adjusted rate. Fair value less costs of disposal is the amount that would be obtained from the sale of the asset in an arm's length transaction between two knowledgeable and willing parties.

If the recoverable amount of an asset or CGU is estimated to be less than its carrying amount, the carrying amount of the asset or CGU is reduced to its recoverable amount. An impairment loss is recognized immediately in comprehensive income.

Where an impairment loss subsequently reverses, the carrying amount of the asset or CGU is increased to the revised estimate of its recoverable amount, but only to the extent that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset or CGU in prior years. A reversal of an impairment loss is recognized immediately in comprehensive income.

Exploration and evaluation assets are assessed for impairment if (i) sufficient data exists to determine technical feasibility and commercial viability, and (ii) facts and circumstances suggest that the carrying amount exceeds the recoverable amount.

ii. Financial assets

The Co-operative considers evidence for impairment of financial assets measured at amortized cost at both a specific asset and collective level. All individually significant assets are assessed for specific impairment. Those not found to be specifically impaired are then collectively assessed for any impairment by grouping together assets with similar risk characteristics.

Objective evidence that financial assets are impaired includes default or delinquency by a debtor, restructuring of an amount due to the Co-operative on terms that the Co-operative would not consider otherwise, indications that a debtor or issuer will enter bankruptcy and the disappearance of an active market due to financial difficulty.

An impairment loss with respect to a financial asset measured at amortized cost is calculated as the difference between its carrying amount and the present value of the estimated future cash flows discounted at the asset's original effective interest rate. Losses are recognized in comprehensive income. Any decrease in impairment loss is reversed through comprehensive income, when an event occurring after the impairment was recognized causes the amount of impairment loss to decrease.

(l) Employee benefits

i. Defined contribution plan

The Co-operative provides a defined contribution plan to qualifying employees. This is a post-employment plan under which the Co-operative pays fixed contributions into a separate entity and has no legal or constructive obligation to pay further amounts. The cost of the pension benefits earned by employees in the defined contribution pension plans are expensed as incurred.

ii. Defined benefit plan

The Co-operative provides a defined benefit plan to qualifying employees at Consumers' Co-operative Refineries Limited (CCRL) in Regina. The cost of the benefits earned by employees is determined by a qualified actuary using the projected unit credit method based on service and management's best estimate of demographic and financial assumptions. The Co-operative accrues its obligations under the plan and the related costs, net of plan assets. The plan assets are valued at fair value. The Co-operative recognizes actuarial gains or losses immediately in other comprehensive income (OCI) which are then transferred directly to retained earnings. The defined benefit asset or liability is comprised of the present value of the defined benefit obligation and the fair value of plan assets from which the obligations are to be settled. Plan assets are measured at fair value based on the closing bid price when there is a quoted price in an active market. Plan assets are assets that are held by a long-term employee benefit fund or qualifying insurance policies. Plan assets are not available to the Co-operative's creditors. Defined benefit obligations are estimated by discounting expected future payments using the year end market rate of interest for high-quality corporate debt instruments with cash flows that match the timing and amount of expected benefit payments.

(m) Provisions – Asset retirement obligation

A provision is recognized if, as a result of a past event, the Co-operative has a present legal or constructive obligation that can be estimated reliably and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are recognized for asset retirement obligations associated with the Co-operative's oil and gas assets and the participation of retail co-operatives in the contaminated site management program. No provision for asset retirement obligation has been accrued for the facilities at CCRL as the expected timing of the reclamation activity cannot be estimated at this time. Provisions for asset retirement obligations are measured at the present value of management's best estimate of future cash flows required to settle the present obligation at the balance sheet date, discounted using a risk adjusted rate. The liability is recorded in the period in which the obligation arises with a corresponding increase to the carrying value of the related asset. The liability is accreted over time as the effect of discounting unwinds; this expense is recognized as a finance cost. The costs capitalized to the related asset are depreciated in a manner consistent with the depreciation of the underlying asset. Changes in the estimated liability resulting from revisions to estimated timing of decommissioning, expected amount of cash flows or changes in the discount rate are recognized as a change in the asset retirement obligation and the related asset retirement cost. Actual reclamation expenditures are charged against the provision as they are incurred.

(n) Revenue recognition

Revenue is measured at the fair value of the consideration received or receivable, net of returns, trade discounts and volume rebates. Revenue is recognized when persuasive evidence of an arrangement exists, the significant risks and rewards of ownership have been transferred to the customer, recovery of the consideration is probable, the associated costs and possible return of goods can be estimated reliably, there is no continuing management involvement and the amount of revenue can be measured reliably. If it is probable that discounts will be granted and the amount can be measured reliably, then the discount is recognized as a reduction of revenue as the sales are recognized. Interest income is recognized as it accrues in comprehensive income, using the effective interest method. Rental revenue is recognized as it is earned according to the terms of the rental contract.

When the outcome of a construction contract can be estimated reliably, revenue from construction contracts is recognized by reference to the stage of completion of the contract. Losses on contracts, if any, are recognized in full in the period when such losses become probable.

(o) Income tax

Income tax is comprised of current and deferred tax. Current and deferred tax is recognized in comprehensive income except to the extent that it relates to a business combination, or items recognized directly in equity or OCI.

i. Current tax

Current tax is the expected tax payable or receivable on the taxable income or loss for the year, using the tax rates enacted or substantively enacted at the reporting date, and any adjustments to tax payable in respect to previous years.

ii. Deferred tax

Deferred tax is recognized in respect of temporary differences between the carrying amount of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, based on tax rates enacted or substantively enacted at the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset and the deferred tax assets and the deferred tax liabilities relate to income taxes levied by the same taxation authority.

A deferred tax asset is recognized for unused tax losses, tax credits and deductible temporary differences to the extent that it is probable that future taxable profits will be available against which they can be utilized. The carrying amount of a deferred tax asset is reviewed at each reporting period and reduced to the extent that it is no longer probable that the related tax benefit will be realized.

(q) Segment reporting

An operating segment is a component of the Co-operative that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses with other operating segments. To be classified as a segment, discrete financial information must be available and operating results must be reviewed by the chief operating decision maker.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 4 Use of estimates and judgments

The preparation of consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amount of assets, liabilities, income and expenses. Accordingly, actual results may differ from estimated amounts as future confirming events occur. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future period affected. Significant estimates and judgments used in the preparation of the consolidated financial statements are described below.

(a) Useful lives of property, plant and equipment and intangible assets

Property, plant and equipment and intangible assets represent a significant portion of the Co-operative's total assets. Changes in the use of the asset may cause the estimated useful lives of these assets to change. These useful lives are reviewed annually and any adjustment to depreciation is made prospectively.

(b) Recoverability of long-lived tangible and intangible assets

The Co-operative assesses each asset or CGU at each reporting period to determine whether any indication of impairment exists. Where an indicator of impairment exists, a formal estimate of the recoverable amount is made, which is considered to be the higher of the fair value less costs of disposal and value in use. The assessments require the use of estimates and assumptions such as long-term prices, discount rates, operating costs, future capital requirements, decommissioning costs, operating performance and, in the case of oil and gas properties, exploration potential and reserves information. These estimates and assumptions are subject to risk and uncertainty. Therefore, there is a possibility that changes in circumstances will impact these projections, which may impact the recoverable amount of assets and/or CGUs. Judgment is required when determining what constitutes a CGU.

(c) Reserve and resource estimates

Reserves are estimates of the amount of hydrocarbons that can be economically and legally extracted from the Co-operative's oil and gas properties. The Co-operative estimates its commercial reserves and resources based on information compiled by appropriately qualified persons relating to the geological and technical data on the size, depth, shape and grade of the reserve body and suitable production techniques and recovery rates. Future development costs are estimated using assumptions as to the number of wells required to produce the commercial reserves, the cost of such wells and associated production facilities and other capital costs. As the economic assumptions used may change and as additional geological information is obtained during the operation of a field, estimates of recoverable reserves may change. Such changes may impact the Co-operative's reported financial position and results.

(d) Exploration and evaluation expenditures

The application of the Co-operative's accounting policy for exploration and evaluation expenditure requires judgment to determine whether future economic benefits are likely, either from future exploration or sale, or whether activities have reached a stage which permits a reasonable assessment of the existence of reserves. Any such estimates and assumptions may change as new information becomes available. If, after an expenditure is capitalized, information becomes available suggesting that the recovery of the expenditure is unlikely, the relevant capitalized amount is written off in the consolidated statement of comprehensive income.

(e) Decommissioning and reclamation provision

Significant decommissioning and reclamation activities are not undertaken until near the end of the useful life of the asset. Actual costs are uncertain and the estimate can vary as a result of changes to regulations, the emergence of new technology, operating experience, prices and reclamation plans. A significant change to the estimated costs, discount rate or useful lives of the assets may result in a material change in the amount presented on the consolidated financial statements. The liability at the reporting date represents management's best estimate of the present value of the future decommissioning costs required.

(f) Deferred tax

The Co-operative operates in a number of tax jurisdictions and is required to estimate income taxes in each of these jurisdictions in preparing its consolidated financial statements. In this calculation, consideration is given to factors such as tax rates in the different jurisdictions, non-deductible expenses, allowances, changes in tax law and management's expectations about future results. The Co-operative estimates deferred taxes based on temporary differences between the carrying amount of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. The effect of these differences is recorded as deferred tax assets or liabilities in the consolidated financial statements. This calculation requires the use of judgments and estimates that, if inaccurate, may materially impact future earnings.

(g) Pension benefits

The determination of the cost of the defined benefit pension plan reflects a number of assumptions that affect the expected future benefit payments. The valuation of these plans is prepared by an independent actuary engaged by the Co-operative. These assumptions include, but are not limited to, the estimate of expected plan investment performance, salary escalation, retirement age, attrition and mortality. The fair value of the plan assets is used for the purposes of calculating the expected return on plan assets. Mortality rates are based on the latest available standard mortality tables. The assumptions are reviewed each year and are adjusted where necessary to reflect changes in fund experience and actuarial recommendations. The rate of return on pension plan assets is based on a projection of real long-term bond yields and an equity risk premium, which are combined with inflation assumptions and applied to the actual asset mix of each plan. The amount of the expected return on plan assets is calculated using the expected rate of return for the year and the fair value of assets at the beginning of the year. Future salary increases are based on expected future inflation rates.

(h) Fair value of financial instruments

Where the fair value of financial assets and financial liabilities recorded in the consolidated statement of financial position cannot be derived from active markets, they are determined using valuation techniques including the discounted cash flow model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgment is required in establishing fair values. The judgments include considerations of inputs such as liquidity risk, credit risk and volatility. Changes in assumptions about these factors could affect the reported fair value of financial instruments and reported expenses and income.

NOTE 5 New standards and interpretations not yet adopted

Standard	Description	Impact
IFRS 15, Revenue from Contracts with Customers	Issued to provide guidance on the recognition of revenue from contracts with customers and to enhance disclosures about revenue.	Effective November 1, 2018, applied retrospectively with certain limitations. The Co-operative is evaluating the impact, if any, of the standard.
Amendments to IFRS 9, Financial Instruments	Issued to introduce a single, forward-looking "expected loss" impairment model for financial assets which will require more timely recognition of expected credit losses, and a fair value through other comprehensive income category for financial assets that are debt instruments.	Effective November 1, 2018, applied retrospectively. The Co-operative has adopted the earlier versions of IFRS 9 and is evaluating the impact, if any, of the amendment.
IFRS 16, Leases	Issued to provide principles for the recognition, presentation and disclosure of leases. Lessees will be required to account for leases with a single on-balance sheet model similar to finance leases. Lessor accounting is substantially unchanged, with a requirement for more robust disclosures.	Effective November 1, 2019, applied retrospectively with certain practical expedients. The Co-operative is evaluating the impact, if any, of the standard.

NOTE 6 Inventories

	2017	2016
Manufactured product	317	385
Goods purchased for resale	289	245
Parts and supplies	14	12
	620	642

NOTE 7 Investments and advances

	2017	2016
Investments:		
Short-term investments	55	70
The Co-operators Group Limited	2	2
Interprovincial Cooperative Limited	1	1
Other	1	1
Advances:		
Retail lending program	204	143
Finance agreements	50	67
Long-term prepaids	2	-
	315	284
Less: current portion	(105)	(118)
	210	166

NOTE 8 Joint operations

Other joint operations

The Co-operative conducts a portion of its oil and gas exploration, development and production through joint operations. The Co-operative has a range of interests in jointly controlled wells, both where it is not the operator and where it is the operator. The Co-operative records its share of the assets, liabilities, revenues and expenses in the consolidated financial statements grouped in the Energy segment.

The Produce People Ltd.

The Co-operative holds a 50% ownership in The Produce People Ltd. The Co-operative records its share of the assets, liabilities, revenues and expenses in the consolidated financial statements grouped in the Food segment.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 9 Property, plant and equipment

	2017	2016
Wholesaling	466	342
Manufacturing	3,634	3,804
Assets under construction	185	275
Net book value	4,285	4,421

	Land and buildings	Equipment and fixtures	Assets under construction	Development and production assets	Exploration and evaluation assets	Total
Cost						
At October 31, 2015	396	5,666	362	412	24	6,860
Additions	18	116	257	26	2	419
Disposals	(1)	(72)	-	-	-	(73)
Transfers	-	344	(344)	1	(1)	-
At October 31, 2016	413	6,054	275	439	25	7,206
Additions	65	2	129	7	-	203
Disposals	(5)	(100)	-	-	(2)	(107)
Transfers	1	218	(219)	-	-	-
At October 31, 2017	474	6,174	185	446	23	7,302
Accumulated depreciation and depletion						
At October 31, 2015	140	2,206	-	138	6	2,490
Depreciation and depletion	10	316	-	31	-	357
Disposals	1	(69)	-	-	-	(68)
Impairment	-	-	-	4	2	6
At October 31, 2016	151	2,453	-	173	8	2,785
Depreciation and depletion	12	288	-	31	-	331
Disposals	(2)	(97)	-	-	-	(99)
At October 31, 2017	161	2,644	-	204	8	3,017
Net book value at October 31, 2017	313	3,530	185	242	15	4,285
Net book value at October 31, 2016	262	3,601	275	266	17	4,421

Capitalized borrowing costs

Capitalized borrowing costs related to property, plant and equipment amounted to \$3 (2016 - \$5), with a capitalization rate of 2.03% (2016 - 2.01%).

Impairment testing of other non-current assets

In 2017, there was no impairment expense (2016 - \$6). In 2017 and 2016, there was no reversal of impairment.

Change in estimated useful life

Effective November 1, 2016, the interval of turnaround activities at the Co-operative's refinery was changed from three years to four years. The change in accounting estimate is accounted for prospectively. As a result of changing the useful life of turnaround activities to four years, total depreciation expense is approximately \$24 lower in 2017.

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NOTE 10 Investment property

	2017	2016
Cost		
Balance, beginning of year	38	61
Acquisitions	8	-
Disposals	(3)	(23)
Balance, end of year	43	38
Accumulated depreciation		
Balance, beginning of year	20	33
Depreciation	1	-
Disposals	(2)	(13)
Balance, end of year	19	20
Net book value, end of year	24	18

Net rental income from investment properties recognized in other income was \$3 (2016 - \$4).

The fair value of investment properties at October 31, 2017, was \$35 (2016 - \$36). This recurring fair value measurement is categorized within Level 3 of the fair value hierarchy. The fair value of investment properties

was determined using a discounted cash flow of the future lease payments on the investment properties. A market valuation by the Co-operative's internal expert was performed on idle land that was not currently leased. No independent valuation was performed on any of the investment properties.

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NOTE 11 Intangible assets

	2017	2016
Cost		
Balance, beginning of year	98	69
Additions	71	29
Balance, end of year	169	98
Accumulated amortization		
Balance, beginning of year	6	3
Amortization	5	3
Balance, end of year	11	6
Net book value, end of year	158	92

Non-cash accruals for supply agreements included in additions were \$34 (2016 - \$nil).

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 12 Borrowings

The Co-operative's borrowings are measured at amortized cost.

	2017	2016
Members' funds	355	384
Long-term debt (less net unamortized debt issue costs)	298	298
Total borrowing	653	682

Bank indebtedness

Bank indebtedness consists of an unsecured revolving credit facility, with a maturity date of February 22, 2021. The Co-operative can draw on the credit facility to a maximum of \$250. As at October 31, 2017, no amount was drawn under the credit facility (2016 - \$nil).

Members' funds

Members' funds charge interest at a rate of prime less 1.25% and are repayable on demand.

Long-term debt

In June 2015, the Co-operative issued unsecured Series 2015-1 notes for gross proceeds of \$300. The notes are due on June 17, 2025, bear interest at 3.917% per annum and require semi-annual interest only payments.

The Co-operative may, at its option, redeem all or part of the notes at any time prior to maturity by paying accrued and outstanding interest, plus the greater of the face amount of the notes and the price which provides a yield equal to the yield to maturity of a Government of Canada bond with a term to maturity equal to the remaining term on the notes, plus 0.5%.

In conjunction with closing of the note offering, issue costs of \$2.5 were incurred. These costs reduce the carrying value of the notes and will be amortized over the expected life of the notes using the effective interest rate method, resulting in an effective rate of 4.0%. As at October 31, 2017, unamortized debt issue costs totaled \$2.

NOTE 13 Asset retirement obligations

The Co-operative's decommissioning liabilities consist of reclamation and closure costs. The obligations were determined using an inflation rate of 2% (2016 - 2%) and discount rates of 3% to 5% (2016 - 3% to 5%). The Co-operative estimates the total undiscounted payments of future obligations to be \$245 (2016 - \$244) which will be incurred over the next one to 50 years.

While the provision is based on the best estimate of future costs, discount rates and the economic lives of the underlying assets, there is uncertainty regarding the amount and timing of these costs.

	2017	2016
Balance, beginning of year	111	97
Additions	-	6
Settlement of asset retirement obligation	(5)	(6)
Change in estimate and discount rate	(1)	10
Accretion expense (included in finance cost)	4	4
Balance, end of year	109	111

NOTE 14 Members' share capital

The Co-operative is authorized to issue an unlimited number of member shares of \$100 (in dollars) par value each. Under certain circumstances and with the approval of the Board of Directors, member shares may be redeemed at par value.

(thousands of shares)	2017	2016
Balance, beginning of year	16,140	16,040
Shares issued for current year's patronage allocation	4,100	3,640
Shares redeemed	(3,380)	(3,540)
Balance, end of year	16,860	16,140

NOTE 15 Pension plan

Defined contribution plan

The Co-operative provides a defined contribution plan, with costs charged to comprehensive income for services rendered by employees during the year. With this plan, the Co-operative and the majority of its employees make contributions to one multi-employer defined contribution plan. The Co-operative's total contribution expense for these plans in 2017 is \$10 (2016 - \$9).

Defined benefit plan

The defined benefit plan covers the majority of employees at CCRL in Regina. The plan provides pensions based on the number of years in service and the average of the best three years earnings. The employees do not contribute to the plan.

The costs of the Co-operative's defined benefit plan are determined periodically by independent actuaries, with results as of December 31, 2015 and extrapolated to October 31, 2017. The costs charged to comprehensive income for the year include the costs for benefits provided for services rendered during the year, using the projected unit credit method of valuation. Actuarial gains or losses are recognized in OCI as incurred.

A reconciliation of the funded status of the benefits plan to the consolidated financial statements is as follows:

	2017	2016
Plan assets		
Fair value, beginning of year	396	330
Contributions	54	48
Benefits paid	(15)	(9)
Expected return on plan assets	15	16
Actuarial gain	21	11
Fair value, end of year	471	396
Accrued benefit obligation		
Balance, beginning of year	603	456
Current service cost	29	22
Interest cost	23	21
Benefits paid	(15)	(9)
Actuarial loss	-	113
Balance, end of year	640	603
Pension liability	(169)	(207)

The actual return on plan assets for the year ended October 31, 2017 was \$36 (2016 - \$27).

The total actuarial gain recognized in OCI net of tax in 2017 is \$15

NOTE 16 Other income

	2017	2016
Interest income	12	10
Other miscellaneous	7	4
Rental income	3	4
Gain on disposal of property, plant and equipment	1	8
Derivative gains (losses) ¹	(3)	-
	20	26

¹ Includes fair value changes related to derivative financial instruments used in the Energy segment (Note 23).

(2016 – loss of \$76). The total actuarial gain will not be reclassified to comprehensive income.

Defined benefit plan pension expense is as follows:

	2017	2016
Expense recognized		
Current service costs	29	22
Interest on accrued benefit obligation	23	21
Expected return on plan assets	(15)	(16)
Total	37	27

Actuarial assumptions

The cost of the Co-operative's defined benefit plan is determined periodically by independent actuaries, using the projected unit credit method of valuation. The significant actuarial assumptions were as follows:

	2017	2016
Discount rate – obligation	3.70%	3.70%
Discount rate – expense	3.70%	4.50%
Rate of compensation increase	3.75%	3.75%

The discount rate to be used in the determination of the pension cost is to be based on the yield at the beginning of the year on high-grade corporate bonds of similar duration to the plan's liabilities.

Expected return on plan assets is the expected long-term rate of return on plan assets for the year and is based on plan assets at the beginning of the year that have been adjusted on a weighted average basis for contributions and benefit payments expected for that year.

The composition of the defined benefit pension plan assets as at October 31, 2017 and 2016 was as follows:

Classification	2017	2016
Cash and short-term notes	2%	5%
Fixed income securities	33%	33%
Equity instruments	65%	62%
Total	100%	100%

The Co-operative expects to make cash contributions to its defined benefit pension plan in 2018 of \$54.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 17 Expenses by nature

	2017	2016
Changes in inventory	8,153	6,747
Personnel expense	417	403
Depreciation, depletion and amortization	337	360
Other expense	292	306
Finance cost	21	19
Impairment	-	6
	9,220	7,841

Expenses by nature reconcile to the consolidated statement of comprehensive income as follows:

	2017	2016
Cost of products sold	8,789	7,452
Operating and administration	410	364
Finance cost	21	19
Impairment	-	6
	9,220	7,841

NOTE 18 Personnel expense

The following personnel expenses are included in cost of products sold and operating and administration expense:

	2017	2016
Wages and salaries	335	332
Statutory and other company benefits	35	35
Expenses related to defined benefit plan	37	27
Contributions to defined contribution plan	10	9
	417	403

NOTE 19 Finance cost

	2017	2016
Interest expense	17	15
Accretion of asset retirement obligation	4	4
	21	19

NOTE 20 Operating leases

The Co-operative as lessor

The Co-operative is party to a number of leases involving its investment properties including land, building/store facilities, gas bars and warehouses.

Payments received under these operating leases are recognized in other income with net rental income totaling \$3 (2016 - \$4) for the year ended October 31, 2017. Of this operating lease income recognized, \$3 (2016 - \$4) was contingent income based on gross sales and/or fuel sales of the lessee.

The investment property leases have lease terms between one and 25 years. Substantially all of these leases have renewal options for additional terms based on market rates. There is no option to purchase the property at the end of the lease term.

The future minimum lease payments of the operating leases are:

< 1 year	1-5 years	> 5 years	Total
3	13	41	57

The Co-operative as lessee

The Co-operative leases some of its corporate stores as well as some equipment under operating leases, with lease payments of \$10 (2016 - \$9) charged to operating and administration expense. Lease terms are between 1 and 10 years with renewal options available at market rates.

The future minimum lease payments under these leases are as follows:

< 1 year	1-5 years	> 5 years	Total
7	19	5	31

NOTE 21 Corporate income taxes

The Co-operative's effective tax rate is determined as follows:

	2017	2016
Net income before tax	628	560
Patronage allocation	(410)	(364)
	218	196
Combined federal and provincial income tax rate	27.00%	27.00%
Computed tax expense based on the combined rate	59	53
Increase (decrease) resulting from:		
Manufacturing and processing tax rate reduction	(7)	(5)
Adjustment of previous year's estimated tax provision	-	(3)
Other non-taxable/non-deductible items	1	-
Provision for income taxes	53	45
Effective rate on net income before tax	24.31%	22.96%
Classified in the consolidated statement of comprehensive income as:		
Income taxes – current	4	8
Income taxes – deferred	49	37
Provision for income taxes	53	45

There was no significant change in the combined federal and provincial income tax rates.

In respect to each type of temporary difference, unused tax loss and unused tax credit, the amounts of deferred tax assets and liabilities recognized in the consolidated statement of financial position at October 31 and the amount

of deferred tax expense recognized in comprehensive income and other comprehensive income were:

	October 31, 2016	Deferred tax expense in comprehensive income	Deferred tax in OCI	October 31, 2017
Non-capital loss and deductible patronage allocation carry forwards	239	(50)	-	189
Miscellaneous accruals and reserves	84	(5)	(5)	74
Net book value in excess of undepreciated capital cost	(810)	6	-	(804)
Patronage allocations deferred for income tax purposes	(13)	-	-	(13)
Total deferred tax liability	(500)	(49)	(5)	(554)

Classified in the consolidated financial statements as:

	2017	2016
Deferred tax assets	93	51
Deferred tax liabilities	(647)	(551)
Total deferred tax liability	(554)	(500)

Deferred tax assets are recognized for tax loss carry forwards to the extent that the realization of the related benefit through future taxable profits is probable. The Co-operative has determined that all recognized deferred tax assets will be realized through a combination of future reversals of temporary differences and taxable income prior to their date of expiration.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 22 Commitments

At October 31, 2017, the Co-operative has commitments that require the following minimum future payments which are not accrued for in the consolidated statement of financial position.

	< 1 year	1-5 years	> 5 years	Total
Operating leases	7	19	5	31
Purchase commitments	66	13	-	79
Contractual commitments for supply agreements	27	38	-	65
Total	100	70	5	175

NOTE 23 Financial instruments and risk management

The Co-operative is exposed to financial risks from its financial instruments comprising liquidity, credit and market risk. The Co-operative employs risk management strategies and policies to ensure these risks are in compliance with the Co-operative's strategy and risk tolerance levels. This note presents information about the Co-operative's exposure to the related risks and the objectives, policies and processes for measuring and managing risk.

(a) Credit risk

Credit risk is the risk that a customer or counterparty will fail to perform an obligation or fail to pay amounts due causing a financial loss. The Co-operative's credit policy is designed to ensure there is a standard credit practice throughout the Co-operative to measure and monitor credit risk. The policy outlines delegation of authority, the due diligence process required to approve a new customer and the maximum amount of credit exposure per single entity. Before transactions begin with a new customer or counterparty, its creditworthiness is assessed and a maximum credit limit is allocated. The assessment process is outlined in the credit policy and considers both quantitative and qualitative factors. The Co-operative constantly monitors the exposure to any single customer along with the financial position of the customer. If it is deemed that a customer has become materially weaker, the Co-operative will work to reduce the credit exposure and lower the credit limit allocated. Regular reports are generated to monitor credit risk. A substantial portion of the Co-operative's accounts receivable are with customers in the oil and gas industry and are subject to normal industry credit risk. The carrying amount of cash and cash equivalents, accounts receivable and advances represents the Co-operative's maximum credit exposure.

The Co-operative's accounts receivable was aged as follows at October 31, 2017:

	2017	
	Member	Non-member
Current	837	275
Past due (1-30 days)	17	4
Past due (31-60 days)	-	-
Past due (more than 60 days)	-	1
Allowance for doubtful accounts	-	(4)
Total accounts receivable	854	276

	2016	
	Member	Non-member
Current	671	204
Past due (1-30 days)	12	3
Past due (31-60 days)	-	-
Past due (more than 60 days)	-	1
Allowance for doubtful accounts	-	(4)
Total accounts receivable	683	204

The Co-operative maintains allowances for potential credit losses related to doubtful accounts. Current economic conditions, customer history, why the accounts are past due and the accounts' industry are all considered when determining whether past due accounts should be allowed for or written off. The doubtful accounts expense is calculated on a specific-identification basis for high risk accounts receivable and on a statistically derived allowance basis for the remainder. The balance in allowance for doubtful accounts at October 31, 2017, was \$4 (2016 - \$4).

(b) Liquidity risk

Liquidity risk is the risk that the Co-operative will not be able to meet its financial obligations when they come due. The Co-operative manages its liquidity risk by ensuring an optimal capital structure is in place that provides financial flexibility and access to capital needed to fund growth opportunities, while ensuring commitments and obligations can be met in a cost effective manner. The following policies and processes are in place to mitigate this risk:

- Maintain an optimal capital structure that reflects the Co-operative's strategy.
- Forecast free cash flow from operations and spending requirements to allow the Co-operative to maintain sufficient cash and credit facilities to meet these future requirements.
- Maintain a balance sheet that meets investment grade rating metrics which allows ease of access to debt.
- Maintain sufficient short-term credit availability.
- Maintain long-term relationships with lenders.
- Invest surplus cash based on the Co-operative's investment policies that ensures investments are in a range of short-term dated money market securities. Investments are only permitted with high quality securities.

The table below outlines the Co-operative's available debt facilities as of October 31, 2017:

	Total amount	Outstanding	Available
Credit facility	250	-	250

The Co-operative has contractual commitments under its operating lease agreements, to purchase certain services, and contractual commitments for its intangible assets as described in Note 22.

The following are the contractual maturities of financial liabilities:

	Carrying amount	Contractual cash flows	On demand	< 1 year	1-5 years	> 5 years
As at October 31, 2017						
Accounts payable	855	855	-	855	-	-
Members' funds	355	355	355	-	-	-
Long-term debt ¹	298	394	-	12	59	323
As at October 31, 2016						
Accounts payable	747	747	-	747	-	-
Members' funds	384	384	384	-	-	-
Long-term debt ¹	298	406	-	12	59	335

¹Contractual cash flows include contractual interest payments related to debt obligations.

(c) Market risk

Market risk is the risk of uncertainty arising from possible market price movements and their impact on the future performance of the Co-operative. Market price movements could adversely affect the value of the Co-operative's financial assets, liabilities and expected future cash flows. The Co-operative is exposed to a number of different market risks comprising foreign currency risk, interest rate risk and price risk.

The Co-operative uses derivative financial instruments to manage its exposure to cash flow variability from commodity prices and fluctuating foreign currency exchange rates. The Co-operative does not apply hedge accounting to any of its derivative financial instruments. As a result, gains or losses from changes in the fair value are recognized in the statement of comprehensive income.

i. Foreign currency risk

The Co-operative is exposed to foreign currency risk primarily relating to revenues, capital and operating expenditures that are denominated in a currency other than Canadian dollars. The exposures partially offset each other. At times the Co-operative will hedge forecasted operating and capital exposure through the use of forward currency contracts. No such contracts were outstanding at October 31, 2017. Any foreign currency forward contracts entered into are not designated as hedging instruments for accounting purposes. The Co-operative is not exposed to material foreign exchange risk on its consolidated financial statements; therefore a 1% change in the exchange rates would not materially impact comprehensive income or cash flows.

ii. Interest rate risk

Fluctuations in interest rates impact the future cash flows and fair values of various financial instruments. This exposure is managed by monitoring forecasted borrowing requirements and monitoring market changes in interest rates.

Financial assets bearing variable interest rate exposure are cash and cash equivalents and short-term investments. Short-term investments are invested in short-term high quality securities. The primary objective is to ensure liquidity and preservation of principal while achieving a satisfactory return portfolio. Financial liabilities bearing interest rate exposure are bank indebtedness and members' funds.

The Co-operative is not exposed to material interest rate risk on its consolidated financial statements; therefore, a 1% change in the interest rates would not materially impact comprehensive income or cash flows.

iii. Commodity price risk

Commodity price risk arises from fluctuations in future commodity prices and may have an effect on comprehensive income and future cash flows. To partially mitigate exposure to commodity price risk, the Co-operative uses commodity derivative financial instruments, such as swap contracts, to manage exposure to price volatility associated with the purchase of crude oil inputs and the sale of its refined products. The Co-operative is exposed to commodity price risk on its derivative financial instruments. The Co-operative determined that a 5% increase in the commodity prices would result in a loss on derivatives of \$1 in comprehensive income. A 5% decrease would have an equal but opposite impact.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

(d) Classification and fair values of financial assets and liabilities

The classification and fair values of financial assets and liabilities, along with carrying amounts are as follows:

	Fair value through profit or loss	Amortized cost	Total carrying amount
As at October 31, 2017			
Cash and cash equivalents	693	-	693
Members accounts receivable	-	854	854
Non-members accounts receivable	-	276	276
Investments and advances	109	206	315
Total assets	802	1,336	2,138
Accounts payable ¹	3	852	855
Members' funds	-	355	355
Long-term debt	-	298	298
Total liabilities	3	1,505	1,508

¹Includes fair value changes related to the derivative financial instruments used in the Energy segment.

	Fair value through profit or loss	Amortized cost	Total carrying amount
As at October 31, 2016			
Cash and cash equivalents	532	-	532
Members accounts receivable	-	683	683
Non-members accounts receivable	-	204	204
Investments and advances	141	143	284
Total assets	673	1,030	1,703
Accounts payable	-	747	747
Members' funds	-	384	384
Long-term debt	-	298	298
Total liabilities	-	1,429	1,429

Fair value hierarchy

Except as otherwise disclosed, the fair market value of the Co-operative's financial assets and liabilities approximates the carrying amount as a result of the short-term nature of the instruments or the interest rate being similar to market rates.

The following table presents the Co-operative's fair value hierarchy for those assets and liabilities measured at fair value on a recurring basis:

	Level 1	Level 2	Level 3	Total
As at October 31,				
Cash and cash equivalents	693	-	-	693
Investments and advances	55	50	4	109
Total assets	748	50	4	802
Accounts payable ¹	3	-	-	3
Total liabilities	3	-	-	3

¹Represents fair value changes related to the derivative financial instruments used in the Energy segment.

The equity securities included in Level 3 are not listed on any stock exchange and therefore a quoted market price is not available. Items measured at Level 3 of the fair value hierarchy total \$4 (2016 - \$4).

NOTE 24 Capital structure framework

The objectives of the Co-operative's capital structure framework are to:

- maintain a balance sheet that supports an investment grade rating profile,
- provide access to cost effective capital required to support the Co-operative's growth strategy,
- provide financial flexibility and the ability to withstand unexpected stress, and
- be easily understood by stakeholders and comparable to other entities.

The Co-operative's capital structure consists of bank indebtedness, members' funds, long-term debt and members' equity, net of cash and cash equivalents. The calculation is set out in the following table:

	2017	2016
Members' funds	355	384
Long-term debt	298	298
Total debt	653	682
Less: cash and cash equivalents	(693)	(532)
Net (cash) debt	(40)	150
Members' equity	4,889	4,637
Capital under management	4,849	4,787

The Co-operative's capital is monitored through the equity to asset ratio, the net debt to net debt plus members' equity ratio, the net debt to cash flow from operations ratio and the net debt to earnings before interest, taxes, depreciation, depletion and amortization. Due to the cyclical nature of the business environment, various situations can arise where the ratios fall outside of the Co-operative's targets. The Co-operative monitors the capital structure and may take actions such as adjusting capital spending, repaying debt and managing its members' equity in order to achieve the stated objectives.

Financial covenants associated with the Co-operative's syndicated credit facility are reviewed regularly and controls are in place to maintain compliance with the covenants. The Co-operative has complied with all financial covenants for the year ended October 31, 2017.

NOTE 25 Related party transactions

Transactions with the Board of Directors and key management personnel

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Co-operative, directly or indirectly. Key management personnel of the Co-operative include all members of the Senior Leadership Team and the Board of Directors.

In addition to their salaries and employee benefits, the Co-operative provides a post-employment benefit plan for the Senior Leadership Team.

Key management personnel compensation comprised the following:

	2017	2016
Short-term salary and employee benefits	9	8
Post-employment benefits	1	1
Total	10	9

NOTE 26 Group entities

Outlined in the table below is a list of the Co-operative's significant subsidiaries:

Name of subsidiary	Principal activity	Country of incorporation and operation	Ownership interest	
			2016	2015
Consumers' Co-operative Refineries Limited (CCRL)	Manufactures and supplies petroleum	Canada	100%	100%
Crestere Investments Limited	Holds investments	Canada	100%	0%
FCL Enterprises Ltd.	Owns corporate food stores	Canada	100%	100%
FCL Ventures Ltd.	Holds investment property	Canada	100%	100%
The Grocery People (TGP)	Food wholesaler	Canada	0%	100%

Effective November 1, 2016, TGP was wound-up into the Co-operative.

Notes to the Consolidated Financial Statements

For the years ended October 31, 2017 and 2016 (in millions of Canadian dollars except as noted)

NOTE 27 Operating segments

The Co-operative has five reportable segments, which are the Co-operative's strategic business units ("SBUs"). These SBUs offer different products and services and are managed separately as they have different processes and marketing strategies. The following summary describes the operations of each SBU:

- Crop Supplies: includes purchasing and distribution of crop, fertilizer and farm related products
- Feed: includes purchasing, manufacturing and distribution of animal feed products
- Food: includes purchasing and distribution of food products on a wholesale and retail basis
- Home and Building Solutions: includes purchasing and distribution of home and building supplies on a wholesale basis
- Energy: includes refining, manufacturing, distribution and marketing of petroleum products, as well as exploration for and production of crude oil and natural gas

		Sales	Depreciation, depletion and amortization	Interest revenue	Interest expense	Income tax expense	Net Income
Crop Supplies	2017	1,046	3	1	2	2	43
	2016	662	1	1	2	1	34
Feed	2017	69	-	-	-	-	1
	2016	74	-	-	-	-	1
Food	2017	2,089	10	2	2	5	71
	2016	2,102	9	2	2	11	95
Home and Building Solutions	2017	355	2	-	1	1	23
	2016	355	1	-	1	-	25
Energy	2017	6,269	322	9	16	45	437
	2016	5,182	349	7	14	33	360
Total	2017	9,828	337	12	21	53	575
	2016	8,375	360	10	19	45	515

NOTE 28 Subsequent events

Subsequent to year end, the Board of Directors approved a share redemption in the amount of \$341 (2016 - \$302).

Notes



Notes



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