Export Development Canada Quarterly Financial Report September 30, 2018 Unaudited

TRADE UNLIMITED



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Caution regarding forward-looking statements

This document contains projections and other forward-looking statements regarding future events. Such statements require us to make assumptions and are subject to inherent risks and uncertainties. These may cause actual results to differ materially from expectations expressed in the forward-looking statements.

OVERVIEW

Export Development Canada (EDC) is Canada's export credit agency. Our mandate is to support and develop Canada's export trade, and the capacity of Canada to engage in trade and respond to international business opportunities, as well as to provide development financing in a manner consistent with Canada's international development priorities. We provide insurance and financial services, bonding products, small business solutions as well as online credit risk management tools. Our customers are Canadian exporters, investors and their international buyers. We place a particular emphasis on small and medium enterprises by developing tools to help them succeed in international markets. EDC is a Crown corporation, wholly owned by the Government of Canada and accountable to Parliament through the Minister of International Trade. We are financially self-sustaining and do not receive parliamentary appropriations; our revenue is generated primarily by collecting interest on our loans, fees on our guarantee products and premiums on our insurance products.

Economic Environment

Despite continued trade policy uncertainty, the economy continued to grow in the third quarter of 2018 and featured strong Canadian export numbers. High consumer confidence, stable demand for Canadian exports and a mild strengthening of the Canadian dollar are all indicators that the economy is running close to capacity.

The economic outlook for the United States remains robust with a tighter labour market and strong business confidence. The Federal Reserve raised its policy interest rate by 25 basis points in September, continuing a longer-term monetary policy normalization process. Emerging markets are continuing to experience capital outflows with notable currency depreciations in Turkey and Argentina. As well, amid Brexit concerns, the European Central Bank continued to hold its policy rate in the third quarter. Finally, after resolving supply shortages that started in June, oil prices levelled off at just over \$70 per barrel in August as production output increased.

The successful conclusion of NAFTA renegotiations should reduce uncertainty for North American trade for the remainder of the year. However, forward-looking trade indicators, such as global export orders, have shown somewhat slower growth which reflects geo-political shifts and re-pricing of emerging market risk. As there is now greater clarity on North American trade rules, Canadian exporters are focusing on new markets as the demand for their products remain strong.

Business Facilitated

Financing business facilitated increased by 13% when compared to the same period in 2017 primarily due to increases in the infrastructure and environment sector and the oil and gas sector, partially offset by a decrease in the information and communication technologies sector.

Business facilitated within our financial institutions insurance product group declined by 48% due to a decrease in demand for the product by an existing policyholder.

Business facilitated within our contract insurance and bonding product group increased by 35% due to an increase in demand for the product within the infrastructure and environment sector.

	For the nine months ended		
	Sep	Sep	
(in millions of Canadian dollars)	2018	2017	
Business Facilitated			
Direct lending	17,400	14,917	
Project finance	1,947	2,081	
Loan guarantees	1,279	1,104	
Investments	80	153	
Total financing and investments	20,706	18,255	
Credit insurance	43,663	41,807	
Financial institutions insurance	3,435	6,594	
Contract insurance and bondin	g 5,193	3,855	
Political risk insurance	2,109	1,775	
Total insurance	54,400	54,031	
Total business facilitated	\$75,106	\$72,286	

SUMMARY OF FINANCIAL RESULTS

EDC adopted the impairment requirements as per *IFRS 9 Financial Instruments* (IFRS 9) effective January 1, 2018. This adoption resulted in an increase to the opening retained earnings of \$400 million, consistent with our expectations. We did not restate the prior year periods, as permitted by the standard. Accordingly, the current year results are based on IFRS 9, while 2017 results are based on *IAS 39 Financial Instruments: Recognition and Measurement* (IAS 39). For this reason, the allowance and provision for credit losses are not directly comparable. Further disclosure on the transition to the impairment requirement as per IFRS 9 is provided in Note 1 of the Condensed Consolidated Financial Statements.

Financial Performance

	For the	ne three months	For the nine mor	nths ended	
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017	2018	2017
Net financing and investment income	300	301	297	906	951
Net insurance premiums and guarantee fees ⁽¹⁾	66	60	60	189	181
Realized gains (losses) ⁽²⁾	(10)	(9)	(7)	(14)	(14)
Net revenue	356	352	350	1,081	1,118
Administrative expenses	121	116	107	353	316
Provision for credit losses ⁽³⁾	99	33	1	100	62
Claims-related expenses	139	17	78	179	149
Income (loss) before unrealized (gains) losses	(3)	186	164	449	591
Unrealized (gains) losses on financial					
instruments ⁽²⁾	(81)	(21)	11	(157)	40
Net income	\$78	\$207	\$153	\$606	\$551
0					

⁽¹⁾ Includes loan guarantee fees.

We experienced fluctuations in our net income between periods largely caused by changes in claims-related expenses, provisioning requirements and volatility in the fair value of our financial instruments due to market conditions. These changes are further discussed beginning on page 7.

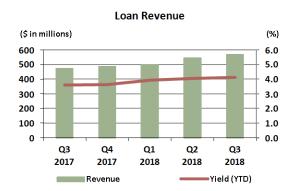
⁽²⁾ Included in Other (Income) Expenses on the Condensed Consolidated Statement of Comprehensive Income.

⁽³⁾ The current year amounts have been prepared in accordance with IFRS 9. Prior year amounts have not been restated and are reported in accordance with IAS 39.

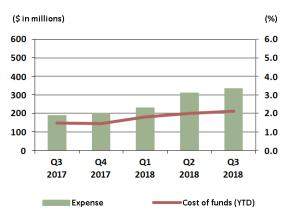
MANAGEMENT'S DISCUSSION AND ANALYSIS

Total loan revenue and loan yield have increased mainly due to increases in U.S. interest rates as the majority of our loans are denominated in U.S. dollars.

Interest expense increased during the first nine months of 2018 mainly as a result of the increase in U.S. interest rates. Interest expense increased at a greater pace than loan revenue as we increased borrowings to finance the growth in our marketable securities (refer to page 9). The majority of our funding is at floating rates and denominated in U.S. dollars, consistent with our loan assets.



Interest Expense



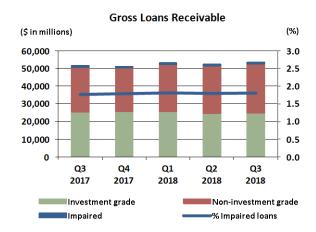
Financial Position

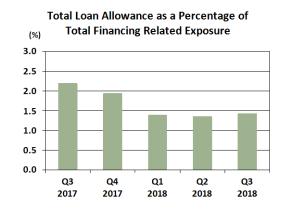
As at	Sep	Jun	Dec	Sep
(in millions of Canadian dollars)	2018	2018	2017	2017
Total assets	70,717	69,028	60,120	59,487
Total liabilities	60,570	59,019	50,080	49,927
Equity	10,147	10,009	10,040	9,560
Gross loans receivable	53,567	52,420	51,199	51,606
Total allowances*	1,670	1,530	1,903	2,124

^{*} The current year results have been prepared in accordance with IFRS 9. Prior year amounts have not been restated and are reported in accordance with IAS 39.

Gross loans receivable has increased during the first nine months of the year primarily due to net disbursements and foreign exchange translation. The increase in non-investment grade exposures in 2018 is primarily due to downward credit migration in the information and communication technologies and aerospace sectors and net disbursements to non-investment grade obligors during the first nine months of the year.

Total loan allowance as a percentage of total financing related exposure decreased in the first quarter of 2018 when compared to the fourth quarter of 2017 due to the adoption of the impairment model requirements of IFRS 9 which resulted in a decrease of \$400 million to the opening loan allowance.





Impact of Foreign Exchange Translation on Financial Results

Our foreign currency-denominated results are impacted by exchange rate fluctuations. During the third quarter of 2018, the Canadian dollar strengthened against the U.S. dollar and the impact was a decrease to our assets and liabilities which are translated at the rate prevailing on the statement of financial position date. The following table reflects the estimated impact on our financial position as at September 30, 2018 had the Canadian dollar remained stable relative to the U.S. dollar:

	Q3-2018			
(in millions of Canadian dollars)	vs Q2-2018	vs Q4-2017	vs Q3-2017	
USD equivalent of CAD 1.00 (closing rate)				
Current period	0.774	0.774	0.774	
Prior periods	0.761	0.795	0.801	
Financial Position				
Increase (decrease) in loans receivable	703	(1,058)	(1,349)	
Increase (decrease) in loans payable	956	(1,439)	(1,835)	

The Canadian dollar average exchange rate for the third quarter of 2018 weakened slightly against the U.S. dollar when compared to the prior quarter. This had a favourable impact on our financial results, as the components of net income as well as our business facilitated are translated at the average exchange rates. The following table reflects the estimated impact on our financial performance as at September 30, 2018 had the Canadian dollar remained stable relative to the U.S. dollar:

	Q3-20	YTD-2018	
(in millions of Canadian dollars)	vs Q2-2018	vs Q3-2017	vs YTD-2017
USD equivalent of CAD 1.00 (average rate)			
Current period	0.765	0.765	0.777
Prior periods	0.775	0.798	0.765
Financial Performance			
Increase (decrease) in net income	(2)	(6)	9
Increase (decrease) in business facilitated	(220)	(768)	775

Risk Management

Our business activities expose us to a wide variety of risks including strategic, financial and operational risks. We manage risk with a three lines of defence risk governance structure, which emphasizes and balances strong central oversight and control of risk with clear accountability for and ownership of risk within the "front lines". The structure supports the cascade of EDC's risk appetite throughout the organization and provides forums for risks to be appropriately considered, discussed, debated and factored into business decisions at all levels and across all functions. For a more comprehensive discussion on our risk management, please refer to pages 62-71 of our 2017 Annual Report. Refer to Note 9 of the accompanying financial statements for details on financial instrument risks.

THIRD QUARTER HIGHLIGHTS

Net income declined by \$129 million when compared to the previous quarter primarily due to higher loan provisioning requirements and an increase in claims-related expenses partially offset by fluctuations in the fair value of our financial instruments.

We recorded a **provision charge** of \$99 million in the third quarter of 2018 compared to \$33 million in the previous quarter. The provision charge in the third quarter is mainly due to the impairment of an obligor in the infrastructure and environment industry, as well as increased credit risk related to obligors in Turkey.

	Three months ended		
	Sep	Jun	
(in millions of Canadian dollars)	2018	2018	
Income before provisions, claims-		_	
related expenses and unrealized			
(gains) losses	235	236	
Provision for credit losses	99	33	
Claims-related expenses	139	17	
Unrealized (gains) losses on financial			
instruments*	(81)	(21)	
Net income	\$78	\$207	

* Included in Other (Income) Expenses on the Condensed Consolidated Statement of Comprehensive Income.

We experienced \$139 million in **claims-related expenses** in the third quarter compared to \$17 million in the second quarter mainly due to an increase in the net allowance for claims on insurance as a result of heightened risk in our insurance programs.

FINANCIAL RESULTS – YEAR TO DATE

Prior Year Comparison

Net income for the first nine months of 2018 was \$606 million, an increase of \$55 million when compared to the same period in 2017. We experienced an increase in other income, which was partially offset by a decrease in our net financing and investment income, an increase in provisioning requirements and an increase in administrative expenses.

Other income for the first nine months of 2018 was \$197 million higher when compared to the same period in 2017. The variance is largely due to the volatility associated with our financial instruments carried at fair value through profit or loss, as well as unrealized fair value gains as a result of strong performance in our investments portfolio.

Net financing and investment income was \$906 million for the first nine months of 2018, a decrease of \$45 million from the prior year period primarily due to an increase in interest rates in our short-term loans payable portfolio.

Provision for credit losses was \$100 million for the first nine months of 2018, an increase of \$38 million from the prior year period. The increased provision charge is due to the impairment of an obligor in the infrastructure and environment sector, as well as increased credit risk within our loan portfolio related to obligors in Turkey.

Administrative expenses were \$37 million higher in the first nine months of 2018 when compared to the same period in 2017 mainly due to an increase in professional services relating to the foundational investments in our technology and digital platforms as well as compliance related initiatives such as the build-out of our enterprise risk management framework.

Corporate Plan Comparison

Financial Performance

	Nine m	Year ended	
	Sep 2018	Sep 2018	Dec 2018
(in millions of Canadian dollars)	Actual Results	Corporate Plan	Corporate Plan
Net financing and investment income	906	970	1,295
Net insurance premiums and guarantee fees*	189	184	252
Other (income) expenses	(143)	(1)	(2)
Administrative expenses	353	373	527
Provision for credit losses	100	8	11
Claims-related expenses	179	68	91
Net income	606	706	920
Other comprehensive income	70	66	89
Comprehensive income	\$676	\$772	\$1,009

^{*}Includes loan guarantee fees.

Net income for the first nine months of 2018 was \$100 million lower than the Corporate Plan primarily due to a decrease in net financing and investment income and an increase in provisioning requirements and claims-related expenses, partially offset by an increase in other income.

Net financing and investment income for the first nine months of 2018 was \$64 million lower than Corporate Plan primarily due to foreign exchange translation as a result of the strengthening of the Canadian dollar relative to the U.S. dollar.

Provision for credit losses is \$92 million higher than the Corporate Plan primarily due to the impairment of an obligor in the infrastructure and environment sector, as well as increased credit risk within our loan portfolio related to obligors in Turkey.

Claims-related expenses is higher than the Corporate Plan by \$111 million. In 2018, we increased our allowance for insurance claims mainly due to heightened risk in our insurance program.

Other income was \$142 million higher than the Corporate Plan for the first nine months of 2018. The variance is largely due to the volatility associated with our financial instruments carried at fair value through profit or loss, as well as unrealized fair value gains as a result of strong performance in our investments portfolio. Due to the volatility and difficulty in estimating fair value gains or losses on financial instruments, a forecast for these items is not included in the Corporate Plan.

Financial Position

As at	Sep 2018	Sep 2018	Dec 2018
(in millions of Canadian dollars)	Actual Results	Corporate Plan	Corporate Plan
Cash and marketable securities	15,524	11,810	10,664
Derivative instruments	390	280	280
Loans receivable	53,557	53,073	54,687
Allowance for losses on loans receivable	(1,000)	(1,233)	(1,201)
Investments at fair value through profit or loss	1,311	1,205	1,236
Other assets	935	803	823
Total Assets	\$70,717	\$65,938	\$66,489
Loans payable	57,333	52,388	52,794
Derivative instruments	1,805	2,107	2,107
Allowance for losses on loan commitments	30	25	25
Premium and claims liabilities	800	669	579
Other liabilities	602	645	644
Equity	10,147	10,104	10,340
Total Liabilities and Equity	\$70,717	\$65,938	\$66,489

Cash and marketable securities totalled \$15.5 billion at September 30, 2018, \$3.7 billion higher than Corporate Plan. Our liquidity policy requires us to hold a liquidity portfolio to meet anticipated cash requirements. In 2018, as a result of changes to the policy, the period required to be covered by the liquidity portfolio has increased from a minimum of two weeks to a minimum of one month. While the numbers in the Corporate Plan reflected the change in policy, our balance is higher than Corporate Plan mainly due to increased cash requirements for anticipated loan disbursements and debt maturities in October.

Loans payable totalled \$57.3 billion at September 30, 2018, \$4.9 billion higher than Corporate Plan mainly due to the funding required for the increase in our marketable securities portfolio, partially offset by foreign exchange translation.

NON-IFRS PERFORMANCE MEASURES

Claims Ratio – Credit Insurance Product Group

The claims ratio expresses net claims incurred as a percentage of net premium earned. Net claims incurred include claims paid net of recoveries, estimated recoveries and changes in actuarial liabilities. This ratio only includes credit insurance activities.

Reinsurance ceded reflects various partnerships we have with reinsurers in offering and managing insurance capacity.

Net claims incurred include claims paid net of recoveries and estimated recoveries of \$14 million (2017 – \$87 million) and an increase in actuarial liabilities of \$33 million (2017 – \$62 million increase). The higher claims ratio in 2017 was mainly due to the payment of large insolvency claims and heightened risk in the retail sector.

	Nine months ended		
	Sep	Sep	
(in millions of Canadian dollars)	2018	2017	
Premiums earned	84	80	
Reinsurance ceded	(6)	(4)	
Net premium earned	\$78	\$76	
Net claims incurred	\$47	\$149	
Claims ratio	60%	196%	

STATEMENT OF MANAGEMENT RESPONSIBILITY

Management is responsible for the preparation and fair presentation of these condensed consolidated quarterly financial statements in accordance with the Treasury Board of Canada *Standard on Quarterly Financial Reports for Crown Corporations* and for such internal controls as management determines is necessary to enable the preparation of condensed consolidated quarterly financial statements that are free from material misstatement. Management is also responsible for ensuring all other information in this quarterly financial report is consistent, where appropriate, with the condensed consolidated quarterly financial statements.

These condensed consolidated quarterly financial statements have not been audited or reviewed by an external auditor.

Based on our knowledge, these unaudited condensed consolidated quarterly financial statements present fairly, in all material respects, the financial position, results of operations and cash flows of the corporation, as at September 30, 2018 and for the periods presented in the condensed consolidated quarterly financial statements.

Benoit Daignault, President and CEO

Ottawa, Canada November 22, 2018 Ken Kember,

Senior Vice-President & Chief Financial Officer

Export Development Canada

Condensed Consolidated Financial Statements

CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION

As at

O(in millions of Canadian dollars)

	Notes	Sep 2018	Jun 2018	Dec 2017	Sep 2017
Assets	110103	2010	2010	2017	2017
Cash		451	172	157	111
Marketable securities		15,073	14,827	8,057	7,163
Derivative instruments	4	390	490	315	301
Assets held-for-sale		23	23	34	44
Loans receivable	2	53,557	52,367	51,127	51,564
Allowance for losses on loans receivable	2	(1,000)	(1,010)	(1,363)	(1,489)
Investments at fair value through profit or loss		1,311	1,286	1,124	1,079
Net investment in aircraft under finance leases		5	5	-	-
Recoverable insurance claims	3	55	59	65	42
Reinsurers' share of premium and claims liabilities	5	140	150	103	161
Other assets		293	291	138	127
Retirement benefit assets		131	78	69	91
Property, plant and equipment		51	51	54	55
Intangible assets		109	109	106	103
Building under finance lease		128	130	134	135
Total Assets		\$70,717	\$69,028	\$60,120	\$59,487
Liabilities and Equity					
Accounts payable and other credits		120	116	123	105
Loans payable		57,333	55,850	47,114	46,932
Derivative instruments	4	1,805	1,866	1,690	1,527
Obligation under finance lease		151	152	154	155
Retirement benefit obligations		183	187	185	258
Allowance for losses on loan commitments	2	30	20	14	68
Premium and claims liabilities	5	800	700	608	702
Loan guarantees	2	148	128	192	180
Total Liabilities		60,570	59,019	50,080	49,927
Financing commitments (Note 2) and contingent liabilities (Note 6)					
Equity					
Share capital	7	1,333	1,333	1,333	1,333
Retained earnings		8,814	8,676	8,707	8,227
Total Equity		10,147	10,009	10,040	9,560
Total Liabilities and Equity		\$70,717	\$69,028	\$60,120	\$59,487

The accompanying notes are an integral part of these consolidated financial statements.

These financial statements were approved for issuance by the Board of Directors on November 22, 2018.

Robert S. McLeese

Benoit Daignault

Director

Director

CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

(in millions of Canadian dollars)

		For the th	nree month	ns ended	For the nine mor	nths ended
	•	Sep	Jun	Sep	Sep	Sep
	Notes	2018	2018	2017	2018	2017
Financing and Investment Revenue:						
Loan	10	569	544	472	1,611	1,429
Marketable securities		70	72	22	184	65
Investments		2	2	2	6	7
Total financing and investment revenue		641	618	496	1,801	1,501
Interest expense	11	332	309	188	870	515
Financing related expenses		9	8	11	25	35
Net Financing and Investment Income		300	301	297	906	951
Loan Guarantee Fees		12	11	11	35	32
Insurance premiums and guarantee fees		63	59	58	182	177
Reinsurance ceded		(9)	(10)	(9)	(28)	(28)
Net Insurance Premiums and Guarantee Fees	12	54	49	49	154	149
Other (Income) Expenses	14	(71)	(12)	18	(143)	54
Administrative Expenses	15	121	116	107	353	316
Income before Provision and Claims-Related Expense	es	316	257	232	885	762
Provision for Credit Losses	2	99	33	1	100	62
Claims-Related Expenses	13	139	17	78_	179	149
Net Income		78	207	153	606	551
Other comprehensive income:						
Retirement benefit plans remeasurement		60	29	48	70	32
Comprehensive Income		\$138	\$236	\$201	\$676	\$583

 $\label{thm:companying} \textit{The accompanying notes are an integral part of these consolidated financial statements}.$

CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

(in millions of Canadian dollars)

		For	the three mont	ths ended	For the nine months ended		
		Sep	Jun	Sep	Sep	Sep	
	Notes	2018	2018	2017	2018	2017	
Share Capital	7	1,333	1,333	1,333	1,333	1,333	
Retained Earnings							
Balance beginning of period		8,676	8,440	8,026	8,707	8,430	
IFRS 9 impairment transition adjustment	1		-	<u> </u>	400	<u> </u>	
Revised balance at beginning of period		8,676	8,440	8,026	9,107	8,430	
Net income		78	207	153	606	551	
Other comprehensive income							
Retirement benefit plans remeasurement		60	29	48	70	32	
Dividend paid	7	-	-		(969)	(786)	
Balance end of period		8,814	8,676	8,227	8,814	8,227	
Total Equity at End of Period		\$10,147	\$10,009	\$9,560	\$10,147	\$9,560	

The accompanying notes are an integral part of these consolidated financial statements.

CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS

(in millions of Canadian dollars)

_	For t	he three months	ended	For the nine mo	onths ended
	Sep 2018	Jun 2018	Sep 2017	Sep 2018	Sep 2017
Cash Flows from (used in) Operating Activities		2010			2017
Net income	78	207	153	606	551
Adjustments to determine net cash flows from (used in) operating activities					
Provision for credit losses	99	33	1	100	62
Actuarial change in the net allowance for claims on insurance	120	14	34	148	59
Depreciation and amortization	11	9	9	30	26
Realized (gains) and losses	9	2	(3)	1	(16)
Changes in operating assets and liabilities					
Change in accrued interest and fees on loans receivable	(52)	(21)	(65)	(120)	(68)
Change in accrued interest and fair value of marketable securities	32	10	6	103	4
Change in accrued interest and fair value of loans payable	(18)	(7)	(2)	(74)	42
Change in derivative instruments	36	60	(168)	(73)	(417)
Other	(6)	5	(37)	(68)	36
Loan disbursements	(8,872)	(8,889)	(5,702)	(25,556)	(18,719)
Loan repayments and principal recoveries from loan asset sales	6,756	9,960	6,180	23,982	19,336
Net cash from (used in) operating activities	(1,807)	1,383	406	(921)	896
Cash Flows from (used in) Investing Activities					
Disbursements for investments	(56)	(67)	(59)	(207)	(203)
Receipts from investments	29	59	49	137	97
Purchases of marketable securities	(3,268)	(4,007)	(1,793)	(12,020)	(4,836)
Sales/maturities of marketable securities	4,071	3,373	1,635	8,902	4,718
Purchases of property, plant and equipment	(2)	(1)	´ -	(4)	_
Purchases of intangible assets	(6)	(9)	-	(21)	-
Net cash from (used in) investing activities	768	(652)	(168)	(3,213)	(224)
Cash Flows from (used in) Financing Activities					
Issue of long-term loans payable	1,367	4,063	1,171	11,390	9,380
Repayment of long-term loans payable	(1,632)	(3,131)	(1,884)	(7,783)	(7,537)
Issue of short-term loans payable	9,293	6,402	8,470	26,821	20,323
Repayment of short-term loans payable	(6,324)	(6,989)	(7,078)	(20,927)	(21,556)
Disbursements from sale/maturity of derivative instruments	(32)	(196)	(240)	(318)	(349)
Receipts from sale/maturity of derivative instruments	(4)	9	92	5	92
Dividend paid	-	_	_	(969)	(786)
Net cash from (used in) financing activities	2,668	158	531	8,219	(433)
Effect of exchange rate changes on cash and cash equivalents	(52)	37	(62)	31	(73)
Net increase in cash and cash equivalents	1,577	926	707	4,116	166
Cash and cash equivalents					
Beginning of period	4,166	3,240	1,350	1,627	1,891
End of period	\$5,743	\$4,166	\$2,057	\$5,743	\$2,057
Cash and cash equivalents are comprised of:					
Cash	451	172	111	451	111
Cash equivalents included within marketable securities	5,292	3,994	1,946	5,292	1,946
•	\$5,743	\$4,166	\$2,057	\$5,743	\$2,057
Operating Cash Flows from Interest					
Cash paid for interest	\$320	\$226	\$166	\$738	\$452
•	\$520 \$555		•		
Cash received for interest The accompanying notes are an integral part of these consolidated financial si	-	\$568	\$396	\$1,559	\$1,318

 $\label{thm:companying} \textit{ notes are an integral part of these consolidated financial statements}.$

Notes to the Condensed Consolidated Financial Statements

1. Significant Accounting Policies

Basis of Presentation

Our condensed consolidated financial statements comply with the *Standard on Quarterly Financial Reports for Crown Corporations* issued by the Treasury Board of Canada.

Except as indicated below, these condensed interim consolidated financial statements follow the same accounting policies and methods of computation as our audited consolidated financial statements for the year ended December 31, 2017. They should be read in conjunction with the audited consolidated financial statements for the year ended December 31, 2017 and the accompanying notes as set out on pages 88-141 of our 2017 Annual Report.

Basis of Consolidation

Our consolidated financial statements include the assets, liabilities, results of operations and cash flows of our wholly owned subsidiaries and those structured entities consolidated under *IFRS 10 – Consolidated Financial Statements*. Intercompany transactions and balances have been eliminated.

Application of New and Revised International Financial Reporting Standards

(a) New standards, amendments and interpretations adopted during the year

The following standards issued by the IASB were adopted during the year:

IFRS 9 – Financial Instruments – In July 2014, the IASB issued the final version of IFRS 9 - Financial Instruments (IFRS 9), which is applicable for reporting periods beginning on or after January 1, 2018 and replaces the guidance in IAS 39 Financial Instruments: Recognition and Measurement (IAS 39). As we early adopted the classification and measurement requirements of IFRS 9 upon transition to IFRS in 2011 and do not apply hedge accounting to our derivatives, we only implemented the impairment requirements on January 1, 2018.

IFRS 9 does not require restatement of comparative period financial statements except in limited circumstances relating to the hedge accounting provisions of the standard. We chose not to restate comparative figures on transition and recognized the measurement difference of \$400 million through an adjustment to opening retained earnings.

The impairment requirements under IFRS 9 are calculated using an expected credit loss (ECL) model as opposed to the incurred loss model under IAS 39 and impacts the allowance on our loans receivable, loan commitments and loan guarantees. Our updated accounting policy is as follows:

Allowance for Losses on Loans Receivable, Loan Commitments and Loan Guarantees

The allowance for losses on loans receivable, loan commitments and loan guarantees represents management's best estimate of probable credit losses and is based on the expected credit loss model.

Financial assets subject to an impairment assessment include loans held at amortized cost. The allowance for credit losses related to loans receivable are presented in the allowance for losses on loans receivable in the condensed consolidated statement of financial position.

Off-balance sheet items subject to an impairment assessment include loan commitments and loan guarantees. The allowance for credit losses related to loan commitments are presented in allowance for losses on loan commitments and allowances for credit losses related to loan guarantees are included in the liability for loan guarantees in the condensed consolidated statement of financial position.

Changes in the allowance for credit losses on loans receivable, loan commitments and loan guarantees as a result of originations, repayments and maturities, changes in risk parameters, remeasurements and modifications are recorded in the provision for (reversal of) credit losses in our condensed consolidated statement of comprehensive income.

Expected Credit Loss Impairment Model

The expected credit loss model applies a three-stage approach to measure our allowance for credit losses. At initial recognition financial instruments are placed in Stage 1. Expected credit losses are measured based on the stage assignment of the financial instrument:

- Stage 1 Where there has not been a significant increase in credit risk since origination, the allowance recorded is based on the expected credit losses resulting from defaults over the next 12-months;
- Stage 2 Where there has been a significant increase in credit risk since origination, the allowance recorded is based on the expected credit losses over the remaining lifetime of the financial instrument; and
- Stage 3 Where a financial instrument is considered impaired, the allowance recorded is based on the expected credit losses over the remaining lifetime of the instrument and interest revenue is calculated based on the carrying amount of the instrument, net of the loss allowance, rather than on its gross carrying amount.

Impairment and Write-off of Financial Instruments

Under EDC's definition of default on loans receivable and loan commitments, financial instruments are considered to be in default and placed in Stage 3 when they meet one or both of the following criteria which represent objective evidence of impairment:

- there has been a deterioration in credit quality to the extent that EDC considers that the obligor is unlikely to pay its credit obligations to EDC in full; or
- the obligor is past due more than 90 days on any material credit obligation to EDC.

Loan guarantees with impaired obligors are identified using the same criteria on the underlying loan as used to assess the impairment of direct loans carried at amortized cost. When the underlying loan is individually assessed to be impaired, it is probable that a call on the guarantee will be made representing an outflow of economic benefits that would be required to settle our obligation under the guarantee. Should there be a cash outflow related to a call on an impaired guarantee, in most cases we would not consider the associated newly originated loan to be a purchase or origination of a credit impaired asset.

Loans and the related allowance for credit losses are written off, either partially or in full, when all collection methods, including the realization of collateral, have been exhausted and no further prospect of recovery is likely.

Measurement of Expected Credit Losses

The ECL calculation along with the stage assignment considers reasonable and supportable information about past events, current conditions and forecasts of future economic events. The estimation and application of forward-looking information, using both internal and external sources of information, requires significant judgement.

The ECL model is a function of the probability of default (PD), loss given default (LGD), and exposure at default (EAD) of a specific obligor or group of obligors with like characteristics such as industry and country classification as well as credit risk rating, discounted to the reporting date using the effective interest rate, or an approximation thereof. In determining the expected life of a financial instrument, the contractual terms as well as significant judgements on historical behaviour patterns are considered. In order to satisfy the requirements of IFRS 9, we leverage the risk inputs from our existing regulatory capital models and make adjustments, where appropriate.

Significant Increase in Credit Risk

At each reporting date, an assessment of whether a significant increase in credit risk has taken place since the initial recognition of the financial instrument is performed. The assessment does not use the low credit risk exemption stated in the standard, requires significant judgement and considers the following factors:

- a threshold based on a relative change in the probability of default for the remaining expected life of the instrument relative to the corresponding probability of default at origination;
- qualitative information available as at the reporting date; and
- days past due.

Any exposure that is 30 days past due is placed in Stage 2. Any exposure that is 90 days past due is considered impaired and placed in Stage 3.

Assets can move in both directions through the stages of the impairment model. If, in a subsequent period, the credit quality improves for an instrument in Stage 2 such that the increase in credit risk since initial recognition is no longer considered significant, the instrument will move to Stage 1 and the loss allowance shall revert to being recognized based on the 12-month expected credit losses.

Modifications

In situations where a borrower experiences financial difficulty, we may grant certain concessionary modifications to the terms and conditions of a loan. An assessment is done to determine if the loan should be derecognized. If the modification does not result in derecognition, the date of origination continues to be used to assess significant increase in credit risk. If the modification results in derecognition, a new loan is recognized based on the new contractual terms and the date of modification is used to assess significant increase in credit risk.

Forward-Looking Information

Expected credit losses are calculated using forward looking information determined from reasonable and supportable forecasts of future economic conditions as at the reporting date. The ECL model does not consider every possible scenario but reflects a representative sample of three possible outcomes. The scenarios used are not biased towards extremes, reflect consistency among variables and are probability-weighted.

In addition to a baseline macroeconomic outlook, EDC also produces two alternative outlooks. These alternative forecasts leverage our country risk and sector analysts in our economics group to identify and vet key upside and downside scenario possibilities, considering their impacts and probability of occurrence. The scenarios are reviewed quarterly for ongoing relevance.

The macroeconomic variables considered in the determination of the scenarios have been established to be key drivers of a global macroeconomic outlook and influential to EDC's loan portfolio and include, but are not limited to, gross domestic product, commodity prices, equity indices, bond yields and unemployment rates. The macroeconomic variables are applied in the ECL model based on the industry, country and the credit risk rating that is applicable to each obligor. We also assess the extent to which these variables may not reflect recent economic events that may result in credit deterioration. In these cases we will estimate the potential impact on our allowances and apply market overlays to specific industries or other exposure categories that we deem appropriate.

Transition Impact

The following table reconciles the closing impairment allowance under IAS 39 to the opening impairment allowance for credit losses under IFRS 9 as at January 1, 2018:

		-		wance unde uary 1, 201				
			_	Transition				·
(in millions of Canadian dollars)	Collective In	ndividual	Total	Adjustment	Stage 1	Stage 2	Stage 3	Total
Loans receivable	835	528	1,363	(339)	113	388	523	1,024
Loan commitments	14	-	14	(5)	4	5	-	9
Loan guarantees	82	53	135	(56)	16	9	54	79
Total	\$931	\$581	\$1,512	\$(400)	\$133	\$402	\$577	\$1,112

IFRS 7 – *Financial Instruments: Disclosures* – In July 2014, the IASB issued amendments to the standard requiring entities to provide additional qualitative and quantitative disclosure when an entity applies IFRS 9. As EDC implemented IFRS 7 amendments related to classification and measurement in 2011, only amendments related to impairment disclosures are required. We implemented the disclosure amendments on January 1, 2018 in conjunction with the implementation of IFRS 9, as noted above.

IFRS 15 – Revenue from Contracts with Customers – In May 2014, the IASB issued the new standard which establishes a comprehensive framework for the recognition, measurement and disclosure of revenue and cash flows arising from an entity's contracts with customers except for revenue arising from items such as financial instruments, insurance contracts and leases. Loan guarantee fees were assessed to be in scope of IFRS 15, however the adoption of the new standard did not have an impact on the consolidated financial statements.

IFRIC 22 – Foreign Currency Transactions and Advance Consideration – In December 2016, the IASB issued this interpretation to provide guidance on how to determine the "date of the transaction" for purposes of identifying the exchange rate to use in transactions within the scope of IAS 21 The Effects of Changes in Foreign Exchange Rates involving the payment or receipt of consideration in advance. This interpretation, which resulted in no change to our financial statements, was adopted on January 1, 2018.

(b) New standards, amendments and interpretations issued but not yet in effect

The following amendments issued by the IASB during the year have been assessed as having a possible effect on EDC in the future.

IAS 19 – Employment Benefits – In February 2018, the IASB issued amendments to this standard requiring current service cost and net interest to be determined using the assumptions used for the remeasurement if a plan amendment, curtailment or settlement occurs. Amendments also require the effect of a plan amendment, curtailment or settlement on the requirements regarding the asset ceiling be clarified. The amendments are effective for reporting periods beginning on or after January 1, 2019 and will only impact EDC upon a plan amendment, curtailment or settlement occurring.

Use of Estimates and Key Judgments

The preparation of financial statements requires the use of estimates and key judgments. Judgment is required in the selection of accounting policies, and their application requires the use of estimates and assumptions to arrive at the reported carrying values of our assets and liabilities. Areas where management has made use of significant estimates and exercised judgment include the allowance for losses on loans receivable, loan commitments and loan guarantees, assets held-for-sale, premium and claims liabilities, recoverable insurance claims, retirement benefit plans and financial instruments measured at fair value. Refer to page 90 of our 2017 Annual Report for details.

2. Loans and Allowance for Losses

Loans Receivable

	Sep	Jun	Dec	Sep
(in millions of Canadian dollars)	2018	2018	2017	2017
Performing:				
Past due*	50	86	99	123
Current year and beyond	52,550	51,393	50,185	50,572
Performing gross loans receivable	52,600	51,479	50,284	50,695
Individually impaired loans	967	941	915	911
Gross loans receivable	53,567	52,420	51,199	51,606
Accrued interest and fees receivable	289	252	241	254
Deferred loan revenue and other credits	(299)	(305)	(313)	(296)
Total loans receivable	\$53,557	\$52,367	\$51,127	\$51,564

^{*}The majority of past due receivables were less than 30 days past due and payments were received in the first week following the auarter.

The following reflects the movement in gross loans receivable during the period:

(in millions of Canadian dollars)	2018	2017
Balance at January 1	51,199	55,375
Disbursements	25,556	18,719
Principal repayments	(23,970)	(18,837)
Loans written off	(114)	(41)
Principal recoveries from loan asset sales	(12)	(499)
Capitalized interest	6	3
Transferred to held-for-sale	-	(5)
Foreign exchange translation	902	(3,109)
Balance at September 30	\$53,567	\$51,606

Individually Impaired Loans Receivable

	Sep	Jun	Dec	Sep
(in millions of Canadian dollars)	2018	2018	2017	2017
Gross loans receivable				
Sovereign	9	9	9	8
Commercial	958	932	906	903
	967	941	915	911
Less: Deferred loan revenue and other credits	28	24	17	13
Individual allowance	516	527	528	504
Carrying amount of individually impaired loans	\$423	\$390	\$370	\$394

The following reflects the movement in individually impaired gross loans receivable during the period:

(in millions of Canadian dollars)	2018	2017
Balance at January 1	915	1,037
Loans classified as impaired	163	69
Disbursements	35	7
Capitalized interest	3	-
Loans written off	(114)	(17)
Principal repayments	(38)	(15)
Principal recoveries from loan asset sales	(12)	-
Loans reinstated to performing*	(7)	(100)
Transfer to assets held-for-sale	-	(5)
Foreign exchange translation	22	(65)
Balance at September 30	\$967	\$911

^{*} Includes loans made performing following the restructuring of credit agreements.

Financing Commitments

The following table shows our outstanding financing commitments related to loans receivable by type:

	Sep	Jun	Dec	Sep
(in millions of Canadian dollars)	2018	2018	2017	2017
Signed loan commitments	19,452	20,202	20,784	19,839
Letters of offer	3,029	6,249	3,756	2,620
Unallocated confirmed lines of credit	83	123	112	100
Total financing commitments	\$22,564	\$26,574	\$24,652	\$22,559

Allowance for Losses

The following table shows the gross and net carrying amount of our loans receivable, loan commitments and loan guarantees:

			Sep			Jun			Dec			Sep
			2018			2018			2017(1)	1		2017(1)
	Gross		Net	Gross		Net	Gross		Net	Gross		Net
(in millions of Canadian dollars)	carrying amount	Allowance for losses (2)	carrying amount	carrying amount	Allowance for losses (2)	carrying amount	carrying amount	Allowance for losses (2)	carrying amount	carrying amount	Allowance for losses (2)	carrying amount
Loans receivable	53,567	1,000	52,567	52,420	1,010	51,410	51,199	1,363	49,836	51,606	1,489	50,117
Loan commitments	19,452	30	19,422	20,202	20	20,182	20,784	14	20,770	19,839	68	19,771
Loan guarantees	2,907	90	2,817	2,761	70	2,691	2,616	135	2,481	2,536	123	2,413
Total	\$75,926	\$1,120	\$74,806	\$75,383	\$1,100	\$74,283	\$74,599	\$1,512	\$73,087	\$73,981	\$1,680	\$72,301

⁽¹⁾ Prior period amounts have not been restated and are reported in accordance with IAS 39.

⁽²⁾ Includes allowance on other receivables of \$3 million (June 2018 - \$4 million, December 2017 - \$4 million, and September 2017 - \$4 million).

The following tables reconcile the opening and closing allowance for losses on loans receivable, loan commitments and loan guarantees for the quarter ended September 30, 2018. Reconciling items include the allowance impact due to the following:

- The impact of transfers between stages before any corresponding remeasurement of allowance;
- Remeasurement of allowance as a result of transfers between stages and the impact of any credit risk rating changes, changes in model inputs, collateral values and assumptions that did not result in a transfer between stages;
- New originations during the period, which include newly disbursed loans, newly signed loan commitments, and newly signed loan guarantees and also include loan assets that were originated due to recognition following a modification;
- Net disbursements or repayments and maturities, which include loan disbursements and repayments on existing loans receivable, loan commitments and loan guarantees and include loan assets that were derecognized due to a modification;
- Write-off of assets deemed uncollectible; and
- Effect of changes in foreign exchange rates.

Changes to the allowance for losses on loans receivable, loan commitments and loan guarantees as at and for the three months ended September 30 and June 30, as well as the nine months ended September 30 were as follows:

		Thi	ree month	s ended Sep 30		Tł	ree montl	us ended Jun 30		N	ine month	s ended Sep 30
				2018				2018				2018
(in millions of Canadian dollars)	Stage 1	Stage 2	Stage 3	Total	Stage 1	Stage 2	Stage 3	Total	Stage 1	Stage 2	Stage 3	Total
Loans receivable												
Balance at beginning of period	134	349	527	1,010	119	363	558	1,040	113	388	523	1,024
Provision for (reversal of) credit losses												
Transfer to stage 1	32	(32)	-	-	24	(24)	-	-	80	(76)	(4)	-
Transfer to stage 2	(23)	23	-	-	(14)	14	-	-	(40)	40	-	-
Transfer to stage 3	-	(2)	2	-	-	(2)	2	-	-	(5)	5	-
Remeasurements	(18)	24	54	60	(20)	_	11	(9)	(60)	13	82	35
New originations	18	15	2	35	27	4	3	34	62	21	16	99
Net repayments and maturities	(18)	(9)	-	(27)	(3)	(8)	(1)	(12)	(34)	(28)	(3)	(65
Total provision for (reversal of) credit losses	(9)	19	58	68	14	(16)	15	13	8	(35)	96	69
Write-offs	-	-	(60)	(60)	_	_	(56)	(56)	-	-	(116)	(116
Foreign exchange translation	(2)	(7)	(9)	(18)	1	2	10	13	2	8	13	23
Balance at end of period	123	361	516	1,000	134	349	527	1,010	123	361	516	1,000
Loan commitments												
Balance at beginning of period	2	17	1	20	4	25	1	30	4	5	-	9
Provision for (reversal of) credit losses												
Transfer to stage 1	-	-	-	-	2	(2)	_	-	2	(2)		-
Transfer to stage 2	(1)	1	-	-	(1)	1	-	-	(3)	3	-	-
Remeasurements	(1)	5	-	4	(4)	(7)	_	(11)	(4)	17	1	14
New originations	7	-	-	7	1	-	-	1	8	-	-	8
Net repayments and maturities	-	-	(1)	(1)	-	-	-	-	-	-	(1)	(1
Total provision for (reversal of) credit losses	5	6	(1)	10	(2)	(8)	-	(10)	3	18	-	21
Balance at end of period	7	23	-	30	2	17	1	20	7	23	-	30
Loan guarantees												
Balance at beginning of period	11	30	29	70	9	6	25	40	16	9	54	79
Provision for (reversal of) credit losses												
Transfer to stage 1	2	(2)	-	-	3	(3)	-	-	7	(7)		-
Transfer to stage 2	(3)	3	-	-	(5)	5	-	-	(8)	8	-	-
Transfer to stage 3	-	-	-	-	-	(1)	1	-	-	(1)	1	-
Remeasurements	(7)	9	12	14	(7)	36	5	34	(27)	44	21	38
New originations	12	-	2	14	12	_	_	12	28	-	2	30
Net repayments and maturities	(2)	-	(5)	(7)	(1)	(13)	(2)	(16)	(3)	(14)	(41)	(58
Total provision for (reversal of) credit losses	2	10	9	21	2	24	4	30	(3)	30	(17)	10
Foreign exchange translation	-	(1)	-	(1)	-	-	-	-	-	-	1	1
Balance at end of period	13	39	38	90	11	30	29	70	13	39	38	90
Total allowance for losses on loans receivable, loan commitments and loan guarantees	\$143	\$423	\$554	\$1,120	\$147	\$396	\$557	\$1,100	\$143	\$423	\$554	\$1,120

The following table reflects the movement in the allowance for losses on loans receivable, loan commitments and loan guarantees during the prior period:

 $2017^{(3)}$

		Provision for		Foreign	
	Balance at	(reversal of)	Write-	exchange	Balance at
(in millions of Canadian dollars)	Jan 1	credit losses	offs	translation	September 30
Loans receivable ⁽¹⁾	1,552	48	(16)	(95)	1,489
Loan commitments	78	(6)	-	(4)	68
Loan guarantees ⁽²⁾	105	20	-	(2)	123
Total	\$1,735	\$62	\$(16)	\$(101)	\$1,680

⁽¹⁾ Includes allowance on other receivables of \$4 million.

The following table shows the breakdown of our provision for credit losses for the prior periods:

	Three months	Nine months
	<u>ended</u>	<u>ended</u>
	Sep	Sep
(in millions of Canadian dollars)	2017	2017
Credit migration	16	76
Changes in portfolio composition*	(15)	(8)
Increased concentration threshold	-	(6)
Provision for credit losses	\$1	\$62

^{*} Represents provision requirements (reversals) as a result of disbursements, new financing business facilitated and repayments. Also includes the impact of changes in collateral values for our secured loans as these impacts should be considered in conjunction with the impact of the repayments on these loans throughout the year.

 $^{^{(2)}}$ Included in the liability for loan guarantees.

⁽³⁾ Prior period amounts have not been restated and are reported in accordance with IAS 39.

Exposure by Credit Grade

					Sep		Jun		Dec		Sep
					2018		2018		2017		2017
	Non-cı impai		Credit- impaired		% of		% of		% of		% of
(in millions of Canadian dollars)	Stage 1	Stage 2	Stage 3	\$	total	\$	total	\$	total	\$	total
Gross loans receivable											
Investment grade*	23,068	1,835	-	24,903	46%	24,555	47%	25,642	50%	25,362	49%
Non-investment grade	15,609	12,088	-	27,697	52%	26,924	51%	24,642	48%	25,333	49%
Individually impaired	-	-	967	967	2%	941	2%	915	2%	911	2%
Total gross loans receivable	\$38,677	\$13,923	\$967	\$53,567	100%	\$52,420	100%	\$51,199	100%	\$51,606	100%
Loan commitments											_
Investment grade*	11,203	1,115	-	12,318	63%	13,126	65%	13,892	67%	13,583	68%
Non-investment grade	4,182	2,943	-	7,125	37%	7,049	35%	6,892	33%	6,256	32%
Individually impaired	-	-	9	9	-%	27	-%	-	-%	-	-%
Total loan commitments	\$15,385	\$4,058	\$9	\$19,452	100%	\$20,202	100%	\$20,784	100%	\$19,839	100%
Loan guarantees											
Investment grade*	327	360	_	687	24%	719	26%	712	27%	726	29%
Non-investment grade	1,696	473	_	2,169	74%	2,001	73%	1,832	70%	1,753	69%
Individually impaired	· -	-	51	51	2%	41	1%	72	3%	57	2%
Total loan guarantees	\$2,023	\$833	\$51	\$2,907	100%	\$2,761	100%	\$2,616	100%	\$2,536	100%

^{*} Investment grade exposure represents obligors with credit ratings of BBB- and above as determined based on our internal credit risk rating methodology.

3. Recoverable Insurance Claims

(in millions of Canadian dollars)	2018	2017
Balance at January 1	65	63
Claims paid	52	104
Claims recovered	(33)	(32)
Claims recovered from reinsurers	(2)	(2)
Change in recoverable portion of		
cumulative claims paid	(28)	(88)
Foreign exchange translation	1	(3)
Balance at September 30	\$55	\$42

4. Derivative Instruments

We use a variety of derivative instruments to manage costs, returns and levels of financial risk associated with our funding, investment and risk management activities. Refer to page 108 of the 2017 Annual Report for a description of derivative instruments that we currently use and for information on how we manage credit, interest and foreign exchange risks arising from the use of derivatives.

The following table provides the fair values for each category of derivative financial instrument:

			Sep			Dec			Sep
(in millions of Canadian dollars)			2018			2017			2017
	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total
Cross currency interest rate									
swaps	87	1,336	(1,249)	167	1,329	(1,162)	159	1,273	(1,114)
Interest rate swaps	279	396	(117)	95	267	(172)	84	193	(109)
Foreign exchange swaps	24	73	(49)	53	91	(38)	58	61	(3)
Foreign exchange forwards	-	=	-	-	3	(3)	-	-	
Total derivative instruments	390	1,805	(1,415)	315	1,690	(1,375)	301	1,527	(1,226)
Impact of netting agreements	(387)	(387)	-	(263)	(263)	-	(252)	(252)	-
Total	\$3	\$1,418	\$(1,415)	\$52	\$1,427	\$(1,375)	\$49	\$1,275	\$(1,226)
Applicable collateral			-			(24)			(22)
Net amount			\$(1,415)			\$(1,399)			\$(1,248)

5. Premium and Claims Liabilities

The premium and claims liabilities for our credit insurance (CI), contract insurance and bonding (CIB) and political risk insurance (PRI) product groups were as follows:

				Sep				Jun				Dec				Sep
(in millions of	Canadiar	i dollars)	2018				2018				2017				2017
	CI*	CIB	PRI	Total	CI^*	CIB	PRI	Total	CI^*	CIB	PRI	Total	CI^*	CIB	PRI	Total
Insurance	320	50	430	800	300	40	360	700	274	45	289	608	362	35	305	702
Reinsurance	(10)	-	(130)	(140)	(20)	-	(130)	(150)	(13)	(1)	(89)	(103)	(54)	1	(108)	(161)
Net liability	\$310	\$50	\$300	\$660	\$280	\$40	\$230	\$550	\$261	\$44	\$200	\$505	\$308	\$36	\$197	\$541

^{*} Includes financial institutions insurance.

The premium and claims liabilities are comprised of the following components:

	Sep	Jun	Dec	Sep
(in millions of Canadian dollars)	2018	2018	2017	2017
Deferred insurance premiums	150	160	146	129
Allowance for claims on insurance	650	540	462	573
Total premium and claims liabilities	800	700	608	702
Reinsurers' share of allowance for claims on insurance	(100)	(110)	(71)	(129)
Prepaid reinsurance	(40)	(40)	(32)	(32)
Reinsurers' share of premium and claims liabilities	(140)	(150)	(103)	(161)
Net premium and claims liabilities	\$660	\$550	\$505	\$541

6. Contingent Liabilities

As explained on page 113 of the 2017 Annual Report, we are subject to a limit imposed by the *Export Development Act* on our contingent liability arrangements. The limit is currently \$45.0 billion. Our position against this limit is provided below:

	Sep	Jun	Dec	Sep
(in millions of Canadian dollars)	2018	2018	2017	2017
Insurance in force:				
Credit insurance	11,191	10,422	9,294	9,120
Financial institutions insurance	2,447	2,655	3,392	2,892
Contract insurance and bonding	9,361	8,667	8,297	7,913
Political risk insurance	866	892	915	886
Reinsurance ceded*	(250)	(250)	(250)	(250)
Insurance in force	23,615	22,386	21,648	20,561
Loan guarantees	2,907	2,761	2,616	2,536
Total	\$26,522	\$25,147	\$24,264	\$23,097

^{*} Represents treaty reinsurance agreements covering most bonding obligors and the short-term export credit insurance product group, including most foreign bank exposures.

7. Equity

EDC's authorized share capital is \$3.0 billion consisting of 30 million shares with a par value of \$100 each. The number of shares issued and fully paid is 13.3 million (2017 - 13.3 million). In the first quarter of 2018, a dividend of \$969 million was paid to the Government of Canada (2017 - \$786 million).

8. Fair Value of Financial Instruments

Fair value represents our estimation of 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. For a full description of our controls, policies and valuation techniques surrounding fair value of financial instruments refer to Note 26 on page 124 of the 2017 Annual Report.

As with any estimate, uncertainty is inherent due to the unpredictability of future events. In the case of estimating the fair value of our financial instruments, this uncertainty is magnified due to the large number of assumptions used and the wide range of acceptable valuation techniques. Estimates of fair values are based on market conditions at a certain point in time, and may not be reflective of future market conditions. Therefore, the estimates of the fair value of financial instruments outlined as follows do not necessarily reflect the actual values that may occur should the instruments be exchanged in the market.

		Sep		Jun
(in millions of Canadian dollars)		2018		2018
	Carrying	Fair	Carrying	Fair
	value	value	value	value
Assets				
Performing fixed rate loans*	13,518	12,991	13,200	12,709
Performing floating rate loans*	38,620	39,030	37,771	38,155
Total performing loans receivable	52,138	52,021	50,971	50,864
Impaired loans*	423	423	390	390
Loans receivable and accrued interest and fees	52,561	52,444	51,361	51,254
Marketable securities	15,073	15,073	14,827	14,827
Derivative instruments	390	390	490	490
Investments at fair value through profit or loss	1,311	1,311	1,286	1,286
Recoverable insurance claims	55	55	59	59
Other assets	293	291	291	290
Liabilities				
Accounts payable and other credits	120	121	116	118
Loans payable	57,333	57,186	55,850	55,703
Derivative instruments	1,805	1,805	1,866	1,866
Loan guarantees	148	111	128	94

^{*} Balances are net of loan allowance, deferred revenue and other adjustments.

Unobservable Inputs – Investments at Fair Value Through Profit or Loss

In the process of assessing the fair value for certain investment instruments, estimates determined in a manner consistent with industry practice are employed in the models which cannot be directly observed in the market. EDC's unobservable estimates are outlined in the following table:

(in millions of Canadian dollars)

Valuation technique	Unobservable input	Range (average)	Fair value at Sep 2018 ⁽¹⁾
Multiples	Multiple (Sales or EBITDA ⁽²⁾)	0.0 - 10.1 (6.9)	110
	Liquidity discount	0% – 50% (50%)	7
	Discount rate	10% – 35% (19%)	28
Discounted cash flows	Discount rate	0% – 15% (12%)	2

⁽¹⁾ The valuation of an investment may use multiple unobservable inputs and therefore its fair value can be included multiple times in the fair value amounts.

⁽²⁾ Earnings before interest, taxes, depreciation and amortization.

Fair Value Hierarchy

The following table presents the fair value hierarchy of our financial instruments based on whether the inputs to those techniques are observable or unobservable.

- Level 1 fair values are based on quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Level 2 fair values are determined using inputs other than quoted prices included within Level 1 that are observable for the assets or liabilities, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- Level 3 fair values are determined using inputs for the assets or liabilities that are not based on observable market data (unobservable inputs).

				Sep				Jun
(in millions of Canadian dollars)				2018				2018
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
Assets								
Performing fixed rate loans	-	12,968	23	12,991	-	12,370	339	12,709
Performing floating rate loans	-	38,835	195	39,030	-	37,947	208	38,155
Total performing loans receivable	-	51,803	218	52,021	-	50,317	547	50,864
Impaired loans	-	423	-	423	-	390	-	390
Loans receivable and accrued								
interest and fees	-	52,226	218	52,444	-	50,707	547	51,254
Marketable securities	6,542	8,531	-	15,073	6,458	8,369	-	14,827
Derivative instruments	-	390	-	390	-	490	-	490
Investments at fair value through								
profit or loss	1	-	1,310	1,311	1	-	1,285	1,286
Recoverable insurance claims	-	-	55	55	-	-	59	59
Other assets	261	30	-	291	258	32	-	290
Liabilities								
Accounts payable and other credits	90	31	-	121	84	34	-	118
Loans payable	-	57,186	-	57,186	-	55,703	-	55,703
Derivative instruments	-	1,805	-	1,805	-	1,866	-	1,866
Loan guarantees	-	111	-	111	-	94	-	94

The following table summarizes the reconciliation of Level 3 fair values between the beginning of the year and the end of the third quarter of 2018 for the financial instruments carried at fair value:

	Recoverable insurance claims	Investments at fair value through profit or loss	Loans payable designated at fair value through profit or loss	Derivative instruments	Total
Balance at beginning of year	65	1,121	(92)	28	1,122
Decrease in recoverable insurance claims	(11)	-	-	-	(11)
Change in accrued interest	-	-	25	(24)	1
Unrealized gains (losses) included in other					
(income) expenses	-	83	5	(4)	84
Purchases of assets/issuances of liabilities	-	231	-	-	231
Matured assets/liabilities	-	-	65	-	65
Return of capital	-	(144)	-	-	(144)
Foreign exchange translation	1	19	(3)	-	17
Balance at end of period	\$55	\$1,310	\$-	\$ -	\$1,365
Total gains (losses) for the first nine months of 2018 included in comprehensive income for					
instruments held at the end of the quarter	\$(11)	\$103	\$-	\$-	\$92

Changes in valuation methods may result in transfers into or out of Levels 1, 2 and 3. In the first nine months of 2018, there were no transfers between levels.

The fair value of Level 3 financial instruments is in whole or in part based on unobservable inputs. In preparing financial statements, appropriate levels for these unobservable input parameters are chosen so that they are consistent with prevailing market evidence or management judgment. For the quarter ended September 30, 2018, a sensitivity analysis was performed using possible alternative assumptions to recalculate the fair value of our Level 3 financial instruments.

In order to perform our sensitivity analysis for our Level 3 investments, we adjusted the unobservable inputs. The unobservable inputs used to value our Level 3 investments include one or more of the following: multiple of sales, liquidity discount, multiple of EBITDA and discount rate. When multiple unobservable inputs are shocked, no netting is considered, resulting in the highest favourable or unfavourable change. The results of our analysis on our Level 3 investments ranged from an unfavourable change of \$68 million to a favourable change of \$66 million.

9. Financial Instrument Risks

The principal risks that we are exposed to as a result of holding financial instruments are credit, market and liquidity risk. For a full description of our objectives, policies and processes for managing financial instrument risk refer to management's discussion and analysis on pages 66 to 70 and notes related to our derivative instruments and debt instruments on pages 108 to 111 of the 2017 Annual Report.

Credit Risk

Credit risk is the risk of loss incurred if a counterparty fails to meet its financial commitments. We are exposed to credit risk on financial instruments under both our loans program and our treasury activities.

Concentration of Credit Risk

The following table provides a breakdown, by the country in which the risk resides, of the maximum exposure to credit risk of financial instruments. The exposure includes gross loans receivable, loan guarantees, investments at fair value through profit or loss, marketable securities, derivative assets and cash. The concentration of credit risk exposure provided below also includes the impact of unfunded loan participations and loan default insurance, which we use to mitigate credit risk within the loan portfolio.

		Sep		Jun		Dec		Sep
		2018		2018		2017		2017
(in millions of Canadian dollars)	Ex	posure		Exposure		Exposure		Exposure
Country	\$	%	\$	%	\$	%	\$	%
United States	21,705	29	19,945	28	16,995	27	15,314	24
Canada	10,035	14	10,068	14	7,573	12	8,094	13
United Kingdom	4,936	7	5,036	7	5,492	9	5,222	8
India	4,214	6	3,994	6	3,587	6	3,177	5
Australia	3,426	5	3,112	4	3,009	5	2,969	5
Mexico	2,839	4	2,464	3	2,135	3	2,371	4
Chile	2,641	4	2,551	4	2,251	3	1,903	3
Saudi Arabia	1,978	3	2,044	3	2,019	3	2,073	3
Germany	1,623	2	2,124	3	1,530	2	1,546	2
China	1,610	2	1,698	2	1,681	3	1,740	3
Other	18,692	24	18,920	26	17,196	27	18,387	30
Total	\$73,699	100	\$71,956	100	\$63,468	100	\$62,796	100

The concentration of credit risk by industry sector for our financial instruments is as follows:

		Sep		Jun		Dec		Sep
		2018		2018		2017		2017
(in millions of Canadian dollars)	Ex	xposure		Exposure		Exposure		Exposure
Industry	\$	%	\$	%	\$	%	\$	%
Commercial:								,
Aerospace	11,173	15	11,625	16	12,123	19	12,311	20
Financial institutions	10,419	14	9,496	13	7,728	12	8,760	14
Oil and gas	8,809	12	8,202	11	7,527	12	8,608	14
Information and communication technologies	6,966	9	6,474	9	6,280	10	5,497	9
Infrastructure and environment	6,451	9	5,996	8	5,216	8	5,132	8
Surface transportation	6,143	8	5,866	8	5,671	9	5,698	9
Mining	5,838	8	6,724	9	6,601	10	6,172	10
Other	5,661	8	4,853	8	4,117	7	3,983	5
Total commercial	61,460	83	59,236	82	55,263	87	56,161	89
Sovereign	12,239	17	12,720	18	8,205	13	6,635	11
Total	\$73,699	100	\$71,956	100	\$63,468	100	\$62,796	100

10. Loan Revenue

	<u>Thr</u>	ee months end	Nine months ended		
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017	2018	2017
Loan interest					
Floating rate	403	369	314	1,104	938
Fixed rate	118	118	111	351	341
Loan fee revenue	42	52	43	141	136
Impaired revenue	6	5	4	15	14
Total loan revenue	\$569	\$544	\$472	\$1,611	\$1,429

11. Interest Expense

	Thr	Nine months ended			
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017 (2)	2018	2017 (2)
Loans payable and related derivatives					
Short-term payables	69	73	39	187	97
Long-term payables – floating	218	194	115	559	318
Long-term payables – fixed ⁽¹⁾	44	39	34	120	98
Other	1	3	-	4	2
Total interest expense	\$332	\$309	\$188	\$870	\$515

⁽¹⁾ Includes interest expense for debt classified at amortized cost of \$34 million for the three months ended September 2018 (June 2018 – \$34 million and September 2017 – \$24 million), and a cost of \$100 million for the nine months ended September 2018 (September 2017 – \$78 million).

⁽²⁾ Interest expense on certain instruments has been reclassified to conform to the current period presentation.

12. Net Insurance Premiums and Guarantee Fees

The following tables present our net insurance premiums and guarantee fee revenue for our credit insurance (CI), financial institutions insurance (FII), contract insurance and bonding (CIB) and political risk insurance (PRI) product groups:

							Three i	months e	nded						
(in millions of					Sep					Jun					Sep
Canadian dollars)					2018					2018					2017
	CI	FII	CIB	PRI	Total	CI	FII	CIB	PRI	Total	CI	FII	CIB	PRI	Total
Premiums earned Reinsurance ceded	31 (2)	3	23 (3)	6 (4)	63 (9)	27 (2)	4 (1)	22 (4)	6 (3)	59 (10)	27 (1)	4	20 (3)	7 (5)	58 (9)
Net insurance premiums and guarantee fees	\$29	\$3	\$20	\$2	\$54	\$25	\$3	\$18	\$3	\$49	\$26	\$4	\$17	\$2	\$49

					Nine n	nonths en	ded			
(in millions of					Sep					Sep
Canadian dollars)					2018					2017
	CI	FII	CIB	PRI	Total	CI	FII	CIB	PRI	Total
Premiums earned	86	11	67	18	182	82	14	61	20	177
Reinsurance ceded	(6)	(1)	(10)	(11)	(28)	(4)	-	(11)	(13)	(28)
Net insurance premiums and										
guarantee fees	\$80	\$10	\$57	\$7	\$154	\$78	\$14	\$50	\$7	\$149

13. Claims-Related Expenses

	<u>Th</u>	Nine months ended			
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017	2018	2017
Claims paid	20	15	59	52	104
Claims recovered	(3)	(25)	(26)	(33)	(32)
Claims recovered from reinsurers	(2)	-	(2)	(2)	(2)
Actuarial increase in the net allowance for claims					
on insurance	120	14	34	148	59
Decrease in recoverable insurance claims	2	13	11	11	17
Claims handling expenses	2	-	2	3	3
Total claims-related expenses	\$139	\$17	\$78	\$179	\$149

14. Other (Income) Expenses

	<u>Thre</u>	e months en	Nine months ended		
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017	2018	2017
Net realized and unrealized gain on loans payable					
designated at fair value through profit or loss	(61)	(9)	(31)	(174)	(5)
Net realized and unrealized (gain) loss on derivatives	(38)	18	50	(5)	35
Net realized and unrealized (gain) loss on marketable					
securities at fair value through profit or loss	37	25	5	117	(9)
Net realized and unrealized gain on investments					
at fair value through profit or loss	(12)	(54)	(14)	(98)	(15)
Foreign exchange translation (gain) loss	2	7	(2)	15	8
Other	1	1	10	2	40
Total other (income) expenses	\$(71)	\$(12)	\$18	\$(143)	\$54

We use a variety of derivatives to manage our interest rate and foreign exchange risks. Our derivatives are held for asset-liability management, of which a portion are directly associated with our loans payable, which are designated at fair value to obtain the same accounting treatment as the derivative. Fair value fluctuations in our debt and marketable securities portfolios generally move opposite to the fair value movements of their related derivatives. However, our unrealized gains and losses may not align in all periods, as we also hold derivatives related to our Canadian dollar capital and our loans receivable, which do not have corresponding fair value treatment.

For the third quarter of 2018, we recorded net realized and unrealized gains of \$62 million for our derivatives, loans payable and marketable securities compared to losses of \$34 million in the previous quarter. These gains were as a result of increases in rates used to value our loans payable and derivatives used to manage our interest rate risk, partially offset by losses on our marketable securities. Note that in accordance with International Financial Reporting Standards (IFRS), our loans payable are valued on the basis of our credit rating (AAA), while derivatives are valued based on the credit risk of the related exposure.

15. Administrative Expenses

	<u>Thr</u>	ee months e	Nine months ended		
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017	2018	2017
Salaries and benefits	56	56	53	170	163
Pension, other retirement and post-employment benefits	12	12	13	36	38
Professional services	13	14	9	38	24
Amortization and depreciation	8	8	7	24	19
Occupancy	7	6	7	19	21
Marketing and communications	6	4	5	13	11
Travel, hospitality and conferences	2	3	2	8	6
Other	17	13	11	45	34
Total administrative expenses	\$121	\$116	\$107	\$353	\$316

Retirement benefit obligations included in pension, other retirement and post-employment benefits above are as follows:

	<u>Thre</u>	ee months e	Nine months ended		
	Sep	Jun	Sep	Sep	Sep
(in millions of Canadian dollars)	2018	2018	2017	2018	2017
Pension benefit expense	9	9	8	27	25
Other post-employment benefit and severance expense	3	3	5	9	13
Total	\$12	\$12	\$13	\$36	\$38

16. Related Party Transactions

The Government of Canada is the sole shareholder of Export Development Canada. We enter into transactions with other government departments, agencies and Crown corporations and our Pension Plan in the normal course of business, under terms and conditions similar to those that apply to unrelated parties.

Mandate

Support and develop, directly or indirectly, Canada's export trade and Canadian capacity to engage in that trade, as well as respond to international business opportunities.

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